A Bulletin of the University of Wisconsin-Eau Claire
Volume 94

This Undergraduate Catalog is available on the UW-Eau Claire Web Homepage at www.uwec.edu (use the Quick Links) 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.

Student Services and Standards handbook, from the Student Affairs and Dean of Students Office, is available at: www.uwec.edu/dos/documents/Handbook.pdf. The handbook contains additional information about campus life, including activities, services, policies and regulations, and the various offices through which they are administered. The publication, Your Right to Know, contains information on University policies, safety, and student rights and is available to all students and staff at: www.uwec.edu/dos/documents/yourRightToKnow.pdf.

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 regardless of race, religion, creed, color, sex, gender identity or expression, ancestry, national origin, age, marital status, sexual orientation, disability, veteran’s status, membership in the military forces, arrest or conviction record, political affiliation or other protected status. 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/documents/yourRightToKnow.pdf.
## FALL SEMESTER 2010
### August
- 20 Friday: Employee Furlough Day*
- 23 Monday: First day of faculty contractual period.
- 30 Monday through September 1: Advising and Registration.

### September
- 2 Thursday: Classes begin.
- 6 Monday: Labor Day Holiday.

### November
- 24 Wednesday: Thanksgiving recess begins at 5:00 p.m.
- 26 Friday: Employee Furlough Day*
- 29 Monday: Classes resume.

### December
- 13 Monday through 17 Friday: Final examinations.
- 18 Saturday: Commencement.
- 27 Monday: Employee Furlough Day*

## SPRING SEMESTER 2011
### January
- 20 Thursday through 24 Monday: Advising and Registration.
- 26 Friday: Classes begin.

### March
- 21 Monday through 25 Friday: Spring Break.
- 25 Friday: Employee Furlough Day*
- 29 Monday: Classes resume.

### May
- 16 Monday through 20 Friday: Final examinations.
- 21 Saturday: Commencement.
- 22 Sunday: Last day of faculty contractual period.

## WINTERIM 2011
### January
- 3 Monday: Classes begin.
- 17 Monday: Martin Luther King Holiday.
- 21 Friday: Last day of classes.

## THREE-WEEK SUMMER SESSION 2011
### May
- 23 Monday: Classes begin.
- 30 Monday: Memorial Day Holiday.

### June
- 10 Friday: Last day of classes.

## EIGHT-WEEK SUMMER SESSION 2011
### June
- 13 Monday: Classes begin.

### July
- 4 Monday: Independence Day Holiday.
- 5 Tuesday: Classes resume.

### August
- 5 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/](http://www.uwec.edu/registrar/calendar/).

* There are four mandated Employee Furlough Days when the University is closed during the 2010-2011 academic year: August 20, 2010; November 26, 2010; December 27, 2010; and March 25, 2011.
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Photos are by Rick Mickelson and Bill Hoepner, Learning and Technology Services (LTS).
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 10,500; faculty and academic staff total over 750.

SELECT MISSION OF THE UNIVERSITY OF WISCONSIN-EAU CLAIRE

In addition to the system and core missions, the University of Wisconsin-Eau Claire has the following select mission:

The University of Wisconsin-Eau Claire is a comprehensive university whose purpose is to foster the intellectual, personal, social, and cultural development of its students. The University provides an academic environment designed to encourage faculty-student interaction and promote excellence in teaching and learning, scholarly activity, and public service. Its residential setting fosters personal and social development through a rich array of co-curricular activities.

The University’s focus is a liberal arts based education across the curriculum in all programs. The University places a special emphasis on experiential learning activities, such as international studies, faculty-student research collaboration, internships, and community service. UW-Eau Claire is the University of Wisconsin System’s Center of Excellence for Faculty and Undergraduate Student Research Collaboration.

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 statement:

- to provide undergraduate education in a broad range of programs, based on a strong general education component emphasizing the liberal arts and sciences, offering degrees in the arts and sciences, allied health fields, business, education, nursing, and other areas that grow clearly from university strengths and meet identifiable regional and state needs;
- to provide graduate education at the master’s and specialist levels in select programs that grow clearly from undergraduate strengths and meet identifiable regional and state needs;
- to support and encourage scholarly activities, including research and creative endeavors, that enhance its programs at the associate and baccalaureate level, its selected graduate programs, and its special mission; and
- to support the cultural, education, and economic development of the immediate region in a variety of ways, including outreach and community service programs.

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 expect 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 General Education Program, 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 of the University is its chief administrative officer, responsible to the University of Wisconsin System for all phases of University activity. In the discharge of these obligations the Chancellor is assisted by other administrators and, in an advisory capacity, by the faculty and students of the University. Members of the faculty have primary responsibility for academic and educational activities; students have primary responsibility for local policies concerning student life, services, and extracurricular activities.
The administrative functions of the University are organized into two areas: Academic Affairs, headed by the Provost/Vice Chancellor for Academic Affairs and Student Affairs, and Dean of Students, headed by the Vice Chancellor. The following brief overview identifies the major offices which provide direct services to all students; a more complete listing is found under Administrative Organization and Personnel.

Academic Affairs. The Provost/Vice Chancellor is the university’s chief academic officer, providing administrative oversight for four undergraduate Colleges, the Office of Graduate Studies, and the Office of Undergraduate Studies. Each College of the University is headed by a Dean, and each Department by a Chair. Department Chairs are responsible for assigning a faculty adviser to each student who elects a major program in the department and for monitoring the academic progress of all departmental majors. The Deans are responsible for reviewing and approving students’ plans for a degree. The offices of Advising, Testing and New Student Orientation, Career Services, and Counseling assist students with academic planning, degree completion, career development, employment preparation, and personal counseling. All students are admitted to the University by the Admissions office. The office of Records and Registration maintains students’ academic records. Support for the instructional program is provided by the McIntyre Library and Learning and Technology Services. These units provide learning resources and computing and media needs of students, faculty, and academic staff.

Student Affairs/Dean of Students. This office is responsible for programs that support the academic success of students and that enhance the quality of student and community life which includes the Dean of Students Office, Athletics, Office of Multicultural Affairs, Center for Alcohol Studies and Education, Blugold Parent Program, Housing and Residence Life, University Centers (Blugold Card Office, Bookstore, Food Service, Printing and Duplication, Recreation and Sports Facilities, Service Center, Student Activities and Programs, and Student Organizations Complex), Children’s Center, Counseling Services, and Student Health Services. The Vice Chancellor for Student Affairs/Dean of Students oversees outreach to diverse student populations to support institutional diversity and equity goals.

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/key dates” on the homepage menu bar).

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 McIntyre Library lobby. 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 138
Registrar ......................................................... Schofield 128

COLLEGE OFFICES

College of Arts and Sciences.............................. Schofield 138
College of Business ........................................ Schneider 119
College of Education and Human Sciences............ Brewer 153
College of Nursing and Health Sciences............... Nursing 101

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.


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.


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


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.


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).


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).


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


UNIVERSITY CENTERS


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

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 eleven stations for student use in astronomy laboratory classes. These stations use eight-inch telescopes.

The James Newman Clark Bird Museum, circular in shape, surrounds the Planetarium in Phillips Hall. The collection of approximately 530 specimens and the four dioramas depicting native birds in their natural habitats are utilized 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 Goodner Collection and the Owens Collection of Native American artifacts and memorabilia is on loan to the Foundation. The Newman Collection is displayed on the first floor of Hubbard 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 the Department of Geography and Anthropology (Schneider Hall).

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. Courses available are listed under course descriptions in the departments of Biology and Geology. For more specific information contact Dr. David Lonzarich, Department of Biology.

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

The 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.

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 the campus. Its 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 many lakes, bogs, and ponds offer a diversity of flora and fauna for study. For more specific information contact Dr. Chris Floyd, Department of Biology.

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 Weiler, Department of Biology.

Nature Conservancy Tracts, owned by the University of Wisconsin-Eau Claire Foundation, include 320 acres of forest and marsh land 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 Kleinjes Neff, Department of Biology.
UNDERGRADUATE DEGREE PROGRAMS

College of Arts and Sciences

Bachelor of Arts or Bachelor of Science
- American Indian Studies
- Art
- Biochemistry/Molecular Biology
- Biology
- Chemistry
- Chemistry with Business Emphasis
- Communication
- Computer Science
- Criminal Justice

Bachelor of Fine Arts
- Art

Bachelor of Liberal Studies
- Liberal Studies

Bachelor of Music
- Music

College of Business

Bachelor of Business Administration
- Accounting
- Business Administration
- Business Finance

College of Education and Human Sciences

Bachelor of Arts
- Art
- Economics
- English
- French

Bachelor of Music Education

Bachelor of Science
- Athletic Training
- Biology
- Chemistry
- Communication Sciences and Disorders

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: 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, Telephone: (800) 621-7440.

Specific programs or individual units of the University are accredited or approved by the following agencies, as explained in appropriate sections of the catalog:
- AACSB International—the Association to Advance Collegiate Schools of Business
- Accrediting Council on Education in Journalism and Mass Communication
- American Chemical Society
- American-Speech-Language-Hearing Association
- Commission on Accreditation of Allied Health Education Programs
- Commission on Accreditation of Athletic Training Education
- Commission on Collegiate Nursing Education
- Computing Accreditation Commission of ABET, Inc.
- Council on Social Work Education
- International Association of Counseling Services, Inc.
- 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 Accounting Examining Board
- 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 Center for Academic Integrity, 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 112: 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:

1. 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:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (at least three composition and literature)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (algebra, geometry, advanced college preparatory math*)</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (one must be world or American history)</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language (in a single foreign language)</td>
<td>2</td>
</tr>
<tr>
<td>Additional coursework in any of the above areas, and art, music, speech, computer science, or other academic areas.</td>
<td>2</td>
</tr>
<tr>
<td>TOTAL</td>
<td>17**</td>
</tr>
</tbody>
</table>

*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 sub-scores (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.

*Tuition and fees vary by program and academic subject. Please consult the University's catalog or website for the most current information.

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 Admission.

TRANSFER OF CREDITS

Credits earned at an accredited college or university 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 up to 30 credits of 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 fi-

nancial 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 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 ID Card). 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 in the Class Schedule. 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.

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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, new students must sign and return a Payment Plan Agreement/E-Mail Authorization form. 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, due date, 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 Office of Housing and Residence Life receives a written request from the student before May 1 of the preceding year. Returning students will have their advance deposits refunded if the Office of Housing and Residence Life receives a written request by the end 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. Students who cancel this second semester contract before November 1 preceding the spring semester will have the deposit refunded. Those students who voluntarily cancel their contracts after November 1 shall forfeit the deposit.

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/financialaid.

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. Students must reapply each year.

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 only for residual amounts. 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 Winterim or Summer Session. These applications are 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 add/drop period. 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 in the Services and Standards handbook. 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 according to the University’s Academic Standing and Progress policy.
Standard for Minimum Credits Completed
Students must successfully complete 67 percent of their enrolled credits. Failing a class or maintaining an incomplete in a class 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. Attempted credits are credits the student was enrolled in at the end of the 10th day of classes, plus all accepted transfer 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, which represents three years of full-time enrollment.

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/aid/

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 UW-Eau Claire Financial Aid office homepage features links to free scholarship search services. 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.

Academic Competitiveness Grant: This federal grant is available to first and second year Pell Grant eligible students who are full-time and have taken a rigorous high school curriculum. First year students must maintain a 3.00 GPA to receive the grant a second year.

SMART Grant: This federal grant provides up to $4,000 for each of the third and fourth years of undergraduate study to full-time students who are eligible for a Federal Pell Grant and who are majoring in physical, life, or computer sciences; mathematics; technology; engineering; or in a foreign language determined critical to national security. The student must also have maintained a cumulative GPA of at least 3.00.

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 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: 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. Undergraduate or graduate students have additional Federal Direct Unsubsidized Ford Loan eligibility. 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. A dependent student may borrow up to the potential grade level listed above plus a potential $2,000 per year.

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 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 from the Financial Aid office. 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 students may borrow up to $7,500 per year and graduate students up to $9,000 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/financial/index.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 to 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 an option under FWS. UW-Eau Claire also 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 may be reduced if the student withdraws 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 owing 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. 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 more than $1.3 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 Web site. Each scholarship has different eligibility requirements, so check the information on each scholarship in which you are interested. To access this information, go to www.uwec.edu/ financial. 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 Web site. For other scholarship related questions, contact Pat Montayne, Financial Aid Counselor, at (715) 836-3573 or montanpa@uwec.edu.

NATIONAL MERIT SCHOLARSHIP
The National Merit Scholarship is awarded to all new freshmen who are National Merit Finalists and who specify UW-Eau Claire as their first choice. The scholarship is in the amount of resident tuition and fees for the academic year and is renewable for four years. High school guidance counselors can advise regarding the application process.

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 1,300 periodicals in print form and provides access to more than 18,382 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)

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
- Produce instructional materials

Technical Assistance and Training
- One-on-one technology training
- Group technology training by request
- Curriculum support
- Scheduled technology workshops

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 Undergraduate Studies and the College of Arts and Sciences. It is coordinated by Academic Skills Center staff in collaboration with 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. bilingual 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 group 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 enhance student success. Students are admitted into the year-long 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 designed for freshman students who meet minimum UW-Eau Claire admission requirements and demonstrate the potential to be successful. Students choose one or two courses with the help of an academic adviser, along with a core of English composition, a Humanities or Social Science course, and a student success seminar. Faculty work closely together to guide student success. Out-of-class activities and individual tutoring enhance and support the students' experiences. In addition, the program assists students to develop a realistic understanding of college-level work, build the academic and personal skills necessary to succeed in college, and to take advantage of available student support services. Further information may be obtained from the Admissions office, the director of Collegiate Bridge, or the Collegiate Bridge Web site at: www.uwec.edu/asc/programs/bridge.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. Developmental 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.

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 the Office of the Dean of Students & Vice Chancellor of Student Affairs (DOS & VC/SA) (Schofield 240) or visit their Web site at: www.uwec.edu/dos/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 at the dawn of 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 yearlong 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. Five scholarships of up to $2,000, sponsored by the Viennese Ball Committee, are available to support students.
- China. One semester or academic year exchange with Jinan University in Guangzhou, China. Students can take intensive Chinese language courses or Chinese language and culture classes, along with some courses in political science and economics courses taught in English. Housing is in student dormitories. No prior Chinese language required.
- 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 Professionals 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 the Herder Institute of the University of Leipzig. Courses in German language and culture offered by UW-Eau Claire faculty member and German instructors. Students live with families for three weeks, then move to university residence halls. Minimum of three semesters of German language study is a prerequisite. (2) Various year-long 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. To date, UW-Eau Claire students have studied in Bulgaria, Chile, Czech Republic, Ghana, Malta, New Zealand, the Netherlands, Thailand, and Uruguay through ISEP-Direct. Additional options include Brazil, Canada, Italy, South Africa, and Spain. ISEP-Direct programs are a good choice for students who are independent, flexible, and adventurous.

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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 may apply for UW-Eau Claire Foundation Study Abroad Grants prior to departure for their program and for Haas 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, Curriculum and Instruction (Reading), Family Health 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
For the past 14 years, the HDC has sponsored a unique and valuable service learning experience for UW-Eau Claire undergraduate students. Approximately 20 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 Skills Clinic
The Academic Skills 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.

Tutor and Mentoring Programs
These programs are designed to benefit UW-Eau Claire students, as well as students from participating organizations. University students gain experience serving as tutor/mentors for children and adolescents from the community. The HDC is currently sponsoring tutor/mentoring programs at the Eau Claire Boys and Girls Club.

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 206A)
Undergraduate Studies, in conjunction with faculty colleagues and community partners, assists 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 administrative and support units that work collaboratively with 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 transition to college life, academic planning, and career development: Academic Skills Center, Advising and New Student Initiatives, Blugold Fellows, Career Services, Educational Opportunity Centers, First Year Experience, Honors Program, International Education, McNair Program, Service Learning, Services for Students with Disabilities, Student Support Services, University Assessment, and Upward Bound.

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 206A, (715) 836-4353, fax (715) 836-2902, or visit the Web site at: www.uwec.edu/undergrad/index.htm.

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/advising/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 Coordinator of New Student Orientation 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/advising/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 scholarships 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/index.htm.

CAREER SERVICES (Schofield 230)

Career Services assists students with their career education and development from the time of their orientation to the university, into their alumni years. Specific services include: career counseling, career assessments, internship opportunities, resume 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 resume, 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: Internship programs are designed to integrate academic learning with related work experiences. Over 4,000 internship opportunities are posted in the Internship Center. 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 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’ resumes 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 and spring semesters

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 250 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 life planning resources and services can be found at Career Services,
EDUCATIONAL OPPORTUNITY CENTERS (Human Science and Services 211)
The Educational Opportunity Centers (EOC) program is funded by the U.S. Department of Education to assist and encourage adults who seek to enter or continue post-secondary education. The target population is potential first generation college students who meet income guidelines. Services offered include: academic, financial, and/or personal counseling; career assessment and exploration; program and college selection; assistance with the application, admission, and financial aid request processes; and ongoing mentoring for the nontraditional student. Program counselors offer workshops and information sessions to promote post-secondary education awareness and to acquaint the community with higher educational opportunities and institutions available in the area. The Educational Opportunity Centers is one of only two programs of its kind in the state and serves a 10-county area in west-central Wisconsin. Offices are located in Eau Claire and Rice Lake. Services are provided free to eligible adults through the TRIO Grant awarded to University of Wisconsin-Eau Claire. Visit the EOC Web site at: www.uwec.edu/eoc.

EDUCATIONAL SUPPORT SERVICES
Academic Skills Center (Old Library 2112)
The Academic Skills Center is a resource for students needing individual tutoring 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 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, writing, mathematics, study strategies, test anxiety, 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 staff (see descriptions under Special Academic Programs).

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. It is the primary campus resource for students with disabilities. Program goals include providing academic and physical access in an environment emphasizing variations, not limitations. SSD staff members work in conjunction with students, faculty, and staff to provide disability-related accommodations including, but not limited to, alternative testing, note takers, interpreters, and course materials in alternative formats. Students seeking accommodations should request assistance from SSD as soon as possible. Verification of need is based on current disability documentation provided by the student. Requests should be made in a timely manner, preferably before or at the beginning of the semester. Information about required documentation and procedures for arranging services can be obtained by contacting the SSD office or visiting the SSD web site at: www.uwec.edu/ssd. If students feel they have experienced discrimination or wish to appeal a denied accommodation, they can refer to the Disability Accommodation Policy and Procedure available from the Student Affairs and Dean of Students Office, Schofield 240, or visit the Web site at: www.uwec.edu/dos/documents/Handbook.pdf

FIRST YEAR EXPERIENCE (Schofield 206)
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 Honors Program provides an extra measure of challenge and enrichment for students who are academically distinguished by previous and current achievements and by high levels of motivation and curiosity. It seeks to challenge exceptionally able students to perform at the highest level of which they are capable, to enhance their capacity for critical inquiry and for independent learning, and to develop their potential for leadership in their future vocations.

The UW-Eau Claire Honors Program has two components: University Honors and Departmental/School Honors. Students may complete one component or both.

Honors Program participation is documented on the student’s University record, thus enhancing his or her opportunity for future acceptance by graduate or professional schools or in gaining preferred employment.

INTERNATIONAL EDUCATION (CENTER FOR) (Schofield 3)
The Center for International Education makes study abroad available to every UW-Eau Claire student. At UW-Eau Claire, study abroad is affordable and is connected to the curriculum to allow students an academic experience abroad without unnecessarily adding time to their graduation goals. With study abroad programs on every populated continent, 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 of Wisconsin-Eau Claire 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 /Host Family Program, International Speakers Bureau, the Buddy Project, the Peer Guide Program, and the International Ambassador Program. In addition, excursions to local cultural events and attractions are organized every semester for the benefit of our international students and scholars.

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/slr 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.

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 advising and mentoring services, 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 (Hibbard 428)

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.

THE DIVISION OF STUDENT AFFAIRS

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, GEAR UP Program, Center for Alcohol Studies and Education, Women and Gender Equity 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 non-traditionally aged students, ethnic minorities, undergraduate and graduate students.

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

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 Student Services and Standards handbook and the publication “Your Right to Know.” Copies of these publications are available in the Office of the Dean of Students & Vice Chancellor of Student Affairs (DOS and VC/SA) and are also available on the Web at: www.uwec.edu/dos/documents/Handbook.pdf and www.uwec.edu/dos/documents/yourRightToKnow.pdf.

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. 21
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 ser-
VICES and supplies are provided for a nominal fee. Additional informa-
tion on the Student Health Service is available on the Web site.

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/
averse issues, alcohol and drug use, goal setting, time management,
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.

OFFICE OF MULTICULTURAL AFFAIRS (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.

GEAR UP WINGS (Wisconsin North GEAR UP for Students)
(Human Sciences and Services 216)
The University of Wisconsin-Eau Claire, in partnership with UW-
Stout, the Lac Courte Oreilles Tribal School, Winter School District,
Menominee Indian School District, and the Menominee Tribal School,
works with 516 students in grades 6-10. The grant follows them
through high school to prepare them to be successful in college. This
holistic approach to academic preparation is built on reading, math,
science, and social studies to build the foundation for success and other
activities that enhance self-esteem, motivation, and an appreciation of
cultural heritage. Parents and the entire community participate in
making GEAR UP a success.

INTERNATIONAL STUDENT SERVICES (Schofield 3)
The University recognizes that international students on this
campus bring with them both special resources and special needs.
The increased international awareness which they create 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, the office of the International Student Adviser (located in
the Center for International Education, Schofield 3) offers a variety of
services to international students. These include academic advising,
vocational and educational counseling, assistance with immigration
regulations and personal problems, 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, Housing, and Registrar’s offices.

VETERANS SERVICES (Schofield 128)
The University is approved by the State Approving 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 ben-
efits. 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 Veter-
ans 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.

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. Through the
Housing and Residence Life office (Towers Hall 112), the University
also provides information to assist students in locating suitable housing
in the community. Off-campus housing lists are available online from
December through August.

Applications for residence halls are automatically sent to candidates
for admission to the University. Completed application forms for
residence halls should be returned to the Housing and Residence Life
office with a $75 deposit. The deposit is refundable through May 1 (see
Deposits, under Expenses). Applications are processed in the order
received, and students are notified of individual room assignments prior
to attending new student orientation, usually sometime in early 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 Office of Housing and
Residence Life, phone (715) 836-3674.
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.

ID CARD (BLUGOLD CARD) (Davies 156)
University of Wisconsin-Eau Claire identification cards are issued and replaced at the Blugold Card office in Davies Center. Upon initial enrollment at the University, a Blugold Card is issued to every student; students retain their ID cards throughout their undergraduate or graduate enrollment. The Blugold Card entitles the bearer access to contract dining facilities; use of McPhee 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 partnership with U.S. Bank, students also have the option of using their Blugold Cards as ATM or debit cards for transactions both on and off campus. The privileges conferred by a Blugold Card and the conditions under which it is issued are more fully described in the Student Services and Standards handbook.

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.

UNIVERSITY CENTERS (Davies 107)
The University Centers 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 three buildings comprising the University Centers serve as hubs for co-curricular activity on campus.

- Social and cultural interaction predominate in Davies Center on the lower campus. Offering a number of flexible meeting and program spaces, dining facilities, and service areas, Davies Center is the administrative core of the University Centers.
- Hilltop Center spans the road that connects the upper and lower campus. The university’s division of Student Affairs as well as the programs and services of University Recreation and Sport Facilities are based in Hilltop Center. The building also houses the upper campus contract dining facility and a food court/convenience store.
- Crest Wellness Center, on the upper campus, features a gathering place called Highground, and also houses a fitness center, the student health service, and the offices of the University Police. A challenge ropes course is on the grounds.

Blugold Dining (Davies 227)
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 cafeterias in Davies and Hilltop Centers. 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 cafés are located in the lobbies of Haas Fine Arts Center, Hibbard Hall and McPhee Library, Meal plan information is available online at: www.uwec.edu/dining.

University Bookstore (Davies 14)
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.

Event Services (Davies 103)
A comprehensive calendar of nonacademic activities on campus is maintained by the Event Services office in Davies Center. Meeting rooms, auditoriums, audiovisual equipment, display spaces, and other campus facilities may be used or rented by registered campus organizations and departments, offices, and students. The office works with campus organizations and offices in the planning and execution of seminars, workshops, institutes, and other University-related activities. Non-University organizations may rent and use campus facilities through the Event Services office, which assists with technical arrangements, dining services, and other needs.
University Printing Services (Davies 119)

Located in Davies Center’s west lobby, University Printing Services offers offset printing, high-speed black-and-white digital copies, quality color copies, and a range of design and bindery services. Cash, Blugold Account, campus account, MasterCard, and VISA are welcome. The area also coordinates off-campus printing done through state contracts and administers the convenience copying program.

University Service Center (Davies 161)

The central source of campus information, the Service Center offers one-stop convenience for many essential services—particularly postal services and tickets. Checks, including payroll and two-party, can be cashed with a Blugold Card. The Service Center provides telephone directory assistance, activities information, campus and community maps and brochures, and vending machine refunds. Rent a locker in a campus building, obtain Notary Public services, or buy a money order at the Service Center, which is the campuswide lost and found. The Service Center manages the sale board in Davies Center, as well as its online site. Discover, MasterCard, VISA, and Blugold Account purchases are welcome for most of the services offered.

- 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. A variety of plain and padded envelopes is sold.
- Tickets—Tickets to campus events including basketball, hockey, football, films, concerts, performing arts, and lecture programs, are available at the Service Center. Bargain movie passes good for community theatres also can be purchased in advance at the Service Center.

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/studentsenate.

CULTURAL AND SOCIAL ACTIVITIES

Activities and Programs. A division of the University Centers, the Activities and Programs office in Davies Center administers the Artists Series, the Forum lecture series, 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. The Activities and Programs office coordinates student leadership initiatives and recognition programs, Commencement ceremonies, the Viennese Ball, and a variety of special events throughout the year.

Artists Series. The Artists Series presents quality, 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. Recent presentations have included the Yu Wei Chinese Dance Collection, pianist Alexandre Tharaud, the Avalon String Quartet, Hubbard Street 2 dance company, Robin and Linda Williams and Commonweal Theatre.

The Forum. Since 1942 The Forum lecture series has presented many of the world’s greatest minds and ideas. 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. Believed to be the oldest such continuous program in the United States, The Forum extends learning outside the classroom through lecture and dialogue, promoting creative thought and multicultural awareness.

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 1957 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 240 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, as well as the numerous supplies and resources.
Summer Events. Free entertainment for the Eau Claire community is provided throughout the Summer Session. Two series of outdoor concerts (Music on the Mall and Jazz at Noon) are featured, along with special film and theatrical presentations.

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-campus 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. The UAC also supports programming, including live bands, DJ dance parties and special events in the Highground club in Crest Wellness Center. The UAC has presented such famous names as Bill Cosby for Parents Weekend, major rock, country, and Christian live bands, DJ dance parties and special events in the Highground club.

Viennese Ball. The largest social event hosted annually by UW-Eau Claire, the Viennese Ball showcases the University Symphony Orchestra performing waltzes and polkas from the Strauss Era, and Jazz Ensemble I performing music from America’s Big Band Era. Student and faculty ensembles and regional musicians are also featured, performing music from many different periods. Documented as the largest Viennese Ball presented outside of Vienna, the event funds music scholarships and international study awards while promoting positive university, community, and international relations and an appreciation of the culture, history, and music of Vienna, Austria.

Volunteer Opportunities, Initiatives, and Community Engagement (VOICE). Formerly the Community Action and Lifelong Learning (CALL) program, VOICE matches prospective volunteers with the community service agencies and organizations that need them. Each semester the program sponsors the Community Action and Service-Learning Fair in conjunction with the Center for Service-Learning. VOICE also maintains an online volunteer opportunities directory, publishes a monthly electronic listing of community needs, and organizes student group service initiatives.

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 the longest tradition 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 recitals, concerts, 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 Radio-TV News Editing (CJ 335) prepare newscasts in the Radio-TV News Laboratory, Hibbard Humanities Hall 105. These programs originate in the studio and control room in the Hibbard Humanities Hall and are sent out on Campus Cable and to the cities of Eau Claire and Altoona on Public Access Community Television.

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 published each Monday and Thursday of the regular academic year, 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 email: nota@uwec.edu.

UNIVERSITY RECREATION AND SPORT FACILITIES

The University Recreation and Sport Facilities office, which is housed in Hilltop Center, provides opportunities that bridge academic learning with self-discovery through activities that enhance student leadership development, wellness, and fun.

University Recreation and Sport Facilities' responsibilities include the scheduling and management of the McPhee Center, the McPhee Strength and Performance Center, the McPhee equipment room and
laundry operations, the McPhee Pool, the McPhee Dance Studio, the Ade Olsen Addition, and Simpson Track and Field. This complements the existing managerial responsibility of Bollinger Field, Towers Field and sand volleyball courts, the Hilltop outdoor tennis and basketball courts, the Bridgman basketball courts, Crest Fitness Center, the Eagle’s View Challenge Ropes Course, the indoor climbing wall, the Environmental Adventure Center, the archery range, the Campus 9 Disc Golf Course, and the Bowling and Billiards Center.

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 22 student organizations to pursue recreational interests. The program is organized so that participants take an active leadership role in the administration and financing of the program.

Classes offered through the Aerobics Program include Trim n’ Tone, Cardiokick, Cardioblast, AB Attack, Spinning and Power Spinning, Hi/Low, Dance Aerobics, STEP, Hydromics, and Stretch & Balance. Classes are offered six days a week and are designed to meet the needs of a variety of fitness levels.

The Environmental Adventure Center sponsors outdoor education and trips programs, stocks an extensive outdoor recreation equipment rental center, provides outdoor related resources, staffs the indoor archery range, and administers the Eagle’s View Challenge Ropes Course, the Campus 9 Disc Golf Course, and Indoor Climbing Wall Program.

The Bowling and Billiards Center is a great place for students to congregate and meet new friends. The BBC offers numerous bowling/billiards leagues, open bowling/billiards, air hockey, darts, foosball, and table tennis. The “Dug Out” has a big screen TV and is available for social gatherings.

The Crest Fitness Center features a contemporary climate-controlled work-out atmosphere overlooking the scenic Chippewa River. The Center has an extensive variety of strength and aerobic equipment and numerous conditioning programs, and also features a broadcast cinema system. A fitness and nutrition assessment is available to evaluate fitness levels, and members may pay for on-one-on personal training through the Body One Program. The Center also is 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) encompasses over 5,700 square feet, has a satellite radio system, and features Olympic platforms, cardiovascular machines, Magnum selectorized machines, and Magnum Breaker flat, incline, and military benches.

Dual memberships for Crest and the MSPC are available.

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 primarily relate to health, fitness, wellness, and nutrition. Past offerings have included Chinese 18 Postures, Yoga, Yoga-Fit, Recess (Circuit Training), Restorative Yoga, Thai Yoga Bodywork, Tai Chi, Pilates, Alexander Technique, Move and Feel Better, Tools to Tame Stress, Scentsational Oils, Belly Dancing, Eight Silken Movements, CPR and Lifeguard Certification/Recertification, Blood Bourne Pathogens Training, and First Aid. In addition, University Recreation and 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 and Sport Facilities provides hands-on work experiences that include opportunities for leadership development and learning.

The one semester Internship Program offered by University Recreation and 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 Succeed 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 and Sport Facilities Web site 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 and Dean of Students 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
  Graphic Design and Visual Arts
  Media Relations
  Web Master
Student Life and Diversity
  Diversity Resource Center
  Environmental Affairs
  Lesbian, Gay, Bisexual, and Transgender Affairs
  Men’s Issues
  Multicultural Issues
Non-Traditional Student Affairs
  Women’s Issues
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

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
  Society of Political Science, 2001
Departmental
  American Chemical Society, 1967
  American String Teachers Association, 1997
  Art Student Association, 1975
  Biology Club, 1984
  Campus Ambassadors, 1985
  Communication and Journalism Organization, 1998
  Geography Club, 1983
  Geology Club, 1970
  History Graduate Student Association, 2008
  Math Club, 2007
  Music Teachers National Association (UW-Eau Claire Collegiate Chapter), 2008
  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

Greens
  Alpha Xi Delta (Epsilon Alpha), 1965
  Delta Sigma Phi (Eta Omicron), 1988
  Delta Zeta (Epsilon Omega), 1956
  Interfraternity Council, Men, 1969
  Panhellenic Council, Women, 1967
  Phi Gamma Delta (Epsilon Chi), 1972
  Phi Sigma Phi (Phi Beta), 1952
  Sigma Sigma Sigma (Gamma Lambda), 1967

Honor Societies
  Alpha Kappa Delta, Sociology, 1988
  Alpha Lambda Delta (Phi Eta Sigma), Freshmen, 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, General 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 Eta Sigma, Freshmen, 1966
  Phi Kappa Phi, General Scholarship, 1969
  Pi Kappa Delta (Wisconsin Zeta), Forensics, 1950
  Psi Chi, Psychology, 1964
  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
  Society of Participating Honor Students, Sophomores, 1978
  Theta Alpha Kappa (Alpha Zeta Lambda), Religious Studies, 2002

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

Multicultural
  African Student Association, 2002
  Association of International Students, 1987
  Baltic Student Organization, 1993
  Chinese Cultural Association, 1976
  Der Deutsche Verein, 1960
  Hmong Student Association, 1988
  India Abroad Association, 1990
  Japanese Cultural Society, 1992
Jewish Students Association, 1992
Korean Student Association, 2004
Latin American Studies Club, 2002
Le Salon Français, 1967
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
The Players, 2008
The Singing Statesmen, 1967

Political
College Democrats, 1956
College Independents, 2002
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
Chem Biz Association, 2008
Collegiate Wisconsin Association of Middle Level Education, 2006
Criminal Justice Association, 1977
DECA-Wisconsin Marketing and Management Association/Delta Epsilon Chi, 2004
Eau Claire Student Nurses Association, 1967
Financial Management Association, 1982
Future Teachers Club K–12, 1967
International Association of Business Communicators, 1985
International Association of Jazz Educators, 1995
Kinesiology Club, 1974
Leadership Education and Development Society, 1967
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-Dentistry Club, 1996
Pre-Law Club, 1989
Pre-Med Club, 1995
Pre-Optometry Club, 2002
Pre-PA Club, 2004
Pre-Physical Therapy Club, 2005
Pre-Vet Club, 2000
Public Relations Student Society of America, 2004
Sigma Alpha Iota (Epsilon Omicron), 1969
Society of Professional Journalists, 1974
Spanish Business Association, 2006
Student Accounting Society/Beta Alpha Psi, 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
United States Institute for Theatre Technology, 2003
Women In Information Technology Systems, 2002

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

Religious
Athletes in Action, 2006
Baha’i Campus Club, 1987
Chi Alpha, 1995
The Edge Students, 2003
Gospel Choir, 1988
In His Word, 1998
Inter-Varsity Christian Fellowship, 1940
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
Nurses Christian Fellowship, 1992
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
Student Homeless Awareness Chapter, 1998
UNICEF, 2006
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, 16 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.

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.
- 700-999 — 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 course 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 course 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 course 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, may 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 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 376 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.

If a student has verified employment responsibilities from September 1 through the Labor Day weekend, reasonable accommodations will be made for the absences resulting from this employment. Accommodation procedures are described in the Student Services and Standards Handbook.

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/student/exams. 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 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.

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 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.

**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**

Students 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."

<table>
<thead>
<tr>
<th>EXAM NAME</th>
<th>MINIMUM SCORE</th>
<th>CREDITS GRANTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3</td>
<td>3 crs., elective GE-IV (Humanities)</td>
</tr>
<tr>
<td>Art, Studio:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Portfolio</td>
<td>3</td>
<td>3 crs., elective GE-IV (Humanities)</td>
</tr>
<tr>
<td>Drawing</td>
<td>3</td>
<td>3 crs., elective GE-IV (Humanities)</td>
</tr>
<tr>
<td>Biology: General</td>
<td>3</td>
<td>3 crs., elective GE-II (Natural Sciences)</td>
</tr>
<tr>
<td>Chemistry: General</td>
<td>3</td>
<td>4 crs., Biology elective GE-II (Natural Sciences)</td>
</tr>
<tr>
<td>Computer Science: A or AB</td>
<td>3</td>
<td>5 crs., Chemistry 100</td>
</tr>
<tr>
<td>Economics:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>3</td>
<td>5 crs., Chemistry 103</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>3</td>
<td>10 crs., Chemistry 103 and 104</td>
</tr>
<tr>
<td>English:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language &amp; Composition</td>
<td>3 or 4</td>
<td>3 crs., Computer Science 163</td>
</tr>
<tr>
<td>Literature &amp; Composition</td>
<td>3 or 4</td>
<td>3 crs., Computer Science 145</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>French:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td>3</td>
<td>16 crs., French 101, 102, 201 and 202</td>
</tr>
<tr>
<td>Geography</td>
<td>3</td>
<td>16 crs., French 101, 102, 201 and 202</td>
</tr>
<tr>
<td>German: Language</td>
<td>3</td>
<td>3 crs., Geography 111</td>
</tr>
<tr>
<td>United States</td>
<td>3</td>
<td>16 crs., German 101, 102, 201 and 202</td>
</tr>
<tr>
<td>History: European</td>
<td>3</td>
<td>3 crs., elective GE-III (Social Sciences)</td>
</tr>
<tr>
<td>History: United States</td>
<td>3</td>
<td>3 crs., elective GE-III (Social Sciences)</td>
</tr>
<tr>
<td>History, World</td>
<td>3</td>
<td>3 crs., Political Studies 110</td>
</tr>
<tr>
<td>History, World</td>
<td>3</td>
<td>3 crs., elective GE-IV (Humanities)</td>
</tr>
<tr>
<td>History, World</td>
<td>4</td>
<td>6 crs., History 201 and 202</td>
</tr>
<tr>
<td>History, World</td>
<td>4</td>
<td>3 crs., elective GE-IV (Humanities)</td>
</tr>
<tr>
<td>History, World</td>
<td>4</td>
<td>6 crs., History 124 and 125</td>
</tr>
</tbody>
</table>
Literature equivalents are determined by the department offering the course.

Score requirements and course earned in each of these areas, to be applied toward the General Education Sciences, Humanities, and Social Science/History. Six credits may be

CLEP General Examinations

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.” For current equivalencies, contact the Academic Testing office, Schofield 226.

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, contact the Academic Testing office, Schofield 226.

EXAM NAME MINIMUM SCORE CREDITS GRANTED

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)

Mathematics:
- Calculus AB 3 4 crs., Math 111
- Calculus BC 4 4 crs., Math 114
- Statistics 3 8 crs., Math 114 and 215

Music Theory 3 4 crs., Math 246

Physics B 3 3 crs., elective GE-IV (Humanities)
- Physics C:
  - Mechanics 3 3 crs., elective GE-II (Natural Sciences)
  - Electricity & Magnetism 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.)

Psychology 3 3 crs., Psychology 100

Spanish:
- Language 3 16 crs., Spanish 101, 102, 201 and 202
- Literature 3 16 crs., Spanish 101, 102, 201 and 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, 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.” For current equivalencies, contact the Academic Testing office, Schofield 226.

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 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.

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.

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.

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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.
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 readmission 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.
## MAJORS WITH ADMISSION REQUIREMENTS

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

<table>
<thead>
<tr>
<th>Major/College</th>
<th>Art &amp; Design</th>
<th>Biochemistry Molecular Biology</th>
<th>Liberal Studies</th>
<th>Business</th>
<th>Health Care Administration</th>
<th>Nursing</th>
<th>Public Health-Environmental Public Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application deadline</td>
<td>Anytime after the admission requirements are met</td>
<td>Semester in which admission requirements are met</td>
<td>HCAD and COB admissions coincide but require separate applications. Applications accepted in October and March, deadlines announced yearly.</td>
<td>December 1 and May 1—Eau Claire campus December 1 and May 1—Marshfield campus</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Credits required prior to program admission</td>
<td>31 credits</td>
<td>54 credits</td>
<td>54 credits</td>
<td>30 credits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum GPA</td>
<td>3.00 GPA in Art and Art H upon entrance and throughout program</td>
<td>At least 2.30 GPA. (Transfer students must have at least a 2.00 GPA on all completed UWEC coursework.)</td>
<td>2.75 resident and total GPA</td>
<td>At least 3.00 cumulative GPA</td>
<td></td>
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</tr>
<tr>
<td>Special grade/course requirement</td>
<td>2.70 in five required courses</td>
<td>Completion of LS 201</td>
<td>2.20 GPA in all five admission courses</td>
<td>2.20 GPA in all five admission courses</td>
<td>At least 2.50 in three of five required science courses—two must be lab science courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other requirements</td>
<td>Satisfactory completion of B.F.A. Review for an area of emphasis</td>
<td>English Competency Requirement (Grade of C or above in Engl 110, 112; Hnrs 101; or equivalent)</td>
<td>Complete the Student Professional Development Program workshops</td>
<td>Complete the Student Professional Development Program workshops</td>
<td>High school rank in class, ACT or SAT scores, and essay may be used</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enrollment limitations</td>
<td>Students admitted according to GPA</td>
<td>Admission limited to practicum cohort</td>
<td>Highly selective; minimum GPA rarely enough</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Admission to Internship/Student Teaching (where applicable)</td>
<td>Interns must meet college admission requirements unless the student is registering for IS 320.</td>
<td>Complete all major required coursework with a C- or above grade. Internship: Completion of an internship.</td>
<td>Enph 435 necessary in summer between Junior/Senior year. Students notify faculty no later than February 1.</td>
<td></td>
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</tr>
</tbody>
</table>
# MAJORS WITH ADMISSION REQUIREMENTS

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

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Application deadline</td>
<td>Pre-ed status along with requirements below (*) prior to enrolling in ES 210, 211, or 212</td>
<td>October 1 and March 1</td>
<td>October 1 and March 1</td>
<td>April 1</td>
<td>Fall and Spring semester while enrolled in Kins 309</td>
<td>October 1 and March 1</td>
<td></td>
<td>Prior to 4:30 p.m. on the Friday of the second week of classes</td>
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</tr>
<tr>
<td>Credits required prior to program admission</td>
<td>14 credits*</td>
<td>30 credits</td>
<td>30 credits</td>
<td>Completion of 25 or more credits</td>
<td>30 credits or more</td>
<td>30 credits or more</td>
<td>30 credits</td>
<td>60 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum GPA</td>
<td>At least 2.75* resident and total GPA</td>
<td>At least 2.75 resident and total GPA</td>
<td>At least 2.75 resident and total GPA</td>
<td>At least 2.75 total GPA</td>
<td>At least 2.75 resident, major and total GPA</td>
<td>At least 2.75 total GPA</td>
<td>At least 2.75 total GPA</td>
<td>2.50 in Biol 151; Idis 100; Pols 110; Psy 100, 230; Soc 101; SW 220, 285</td>
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</tr>
<tr>
<td>Special grade/requirement</td>
<td>C or above in English 110, 112 or Honors 101</td>
<td>C or above in English 110, 112 or Honors 101</td>
<td>Grade of C or above in all courses for the CSD comprehensive and standards majors by grad. (grade info below)*</td>
<td>Kins 274 or current Amer. Red Cross CPR/First Aid cards, Grade B or above in Kins 204</td>
<td>Completion of Kins 304, 308, and 309</td>
<td></td>
<td></td>
<td>C or above in Biol 151; Idis 100; Pols 110; Psy 100, 230; Soc 101; SW 220, 285</td>
<td></td>
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</tr>
<tr>
<td>Other</td>
<td>Passing scores on PPST*</td>
<td>Pre-program requirements met; endorsement by department; portfolio required</td>
<td>Passing PPST scores; portfolio, including recommendations evaluated by department</td>
<td>50 hours of observation under direct supervision of a certified athletic trainer</td>
<td>Submission of application, resume, cover letter, and performance in Kins 304, 308, 309</td>
<td>Submission of application, resume, interview, and performance in Kins courses</td>
<td></td>
<td>Good academic standing; submission of application, essay, and degree audit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enrollment limitations</td>
<td>Highly selective; admission from pre-program not guaranteed</td>
<td>Highly selective; minimum GPA often not enough</td>
<td></td>
<td>Selective; 12 to 15 students per year</td>
<td>Selective; maximum of 30 students per semester</td>
<td>Selective; 20-24 students per year</td>
<td></td>
<td>Maximum of 30 students per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Admission to Internship/Student Teaching (where applicable)</td>
<td>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) For MC-EA, B or above in three of five block areas; 2.75 in all block areas with no less than C in specified courses. For EA-A and EC-A, B- or above in ES 210/211 or 212, 312, 317, 318, 328, and Content Methods</td>
<td>School and dept. application; recommendation of dept.; C- or above in Sped 200; B- or above in courses listed; 2.67 GPA in specialization courses; passing score(s) on Praxis II content exam(s)</td>
<td>Graduate students only</td>
<td>Completion of Kins 309, 353, and 358; current Amer. Red Cross First Aid and CPR certification or equivalent; completion background information disclosure check, and internship description</td>
<td>See Student Teaching Criteria for EC-A</td>
<td>Apply by Feb. 1 of year preceding internship; 250 GPA in specified SW courses; acceptance by agency, criminal background and caregiver check</td>
<td></td>
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</tr>
</tbody>
</table>

*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)........... 4-5 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.................................. 4 credits
*Major-minor Concentration—minimum unique credit requirement.............................................. 60 credits

Grade Point Requirements
*Total................................................................. 2.00 average
*Resident............................................................... 2.00 average
*Majors ................................................................. 2.00 average
NOTE: See special requirements in each College.

University Residency Requirements
*Minimum total ............................................................. 30 credits
*Senior year............................................................... 23 credits
*Majors in upper division courses.................................... 12 credits
*Majors, Standard.......................................................... 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 provisions of this catalog must satisfy the English competency requirement by (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.

MATHMATICS/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.

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 a mark of S.

NOTE: B.A. students in the College of Arts and Sciences, and all students minorin Global Studies, must complete option (a). Bachelor of Music students must complete this option in French, German, or Italian. The International Business minor requires foreign language competence at the 201-level.

(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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS/ANTH</td>
<td>161 Introduction to Cultural Anthropology</td>
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<tr>
<td>ABS/ARTH</td>
<td>324 Survey of North American Indian Art</td>
<td>3</td>
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<tr>
<td>ABS/RELS</td>
<td>330 Indigenous Religions of the Americas</td>
<td>3</td>
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<tr>
<td>ABS/ARTH</td>
<td>333 Ancient Art and Architecture of Mexico and Central America</td>
<td>3</td>
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<tr>
<td>ARTH/ABS</td>
<td>337 Art of Tawantinsuyo</td>
<td>3</td>
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<tr>
<td>ARTH</td>
<td>201 Art of the 20th Century</td>
<td>4</td>
</tr>
<tr>
<td>ARTH/ABS</td>
<td>225 History of Graphic Design</td>
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</tr>
<tr>
<td>ARTH/ABS</td>
<td>324 Survey of North American Indian Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH/ABS</td>
<td>333 Art Since 1955</td>
<td>3</td>
</tr>
<tr>
<td>ARTH/ABS</td>
<td>335 Ancient Art and Architecture of Mexico and Central America</td>
<td>3</td>
</tr>
<tr>
<td>ECON</td>
<td>353 Economics of Pacific Asia</td>
<td>3</td>
</tr>
<tr>
<td>ECON</td>
<td>355 Economic Development of the Third World</td>
<td>3</td>
</tr>
<tr>
<td>ECON/LAS</td>
<td>356 Economic Development of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>ECON/WMNS</td>
<td>357 Women and Economic Development</td>
<td>3</td>
</tr>
<tr>
<td>ENGL</td>
<td>330 Topics in World/Postcolonial Literature</td>
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<tr>
<td>ENGL/WMNS</td>
<td>332 Women in African Literature</td>
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<tr>
<td>FLTR/LAS</td>
<td>350 Spanish-American Literature in Translation</td>
<td>3</td>
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<td>FLTR</td>
<td>392 Foreign Film as Cultural Expression</td>
<td>3</td>
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<tr>
<td>FREN</td>
<td>335 Expression Ecrit et Orale</td>
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<tr>
<td>FREN</td>
<td>340 French for Professional Communication</td>
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<tr>
<td>GEOG</td>
<td>111 Human Geography</td>
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<tr>
<td>GEOG</td>
<td>301 Geography of Western Europe</td>
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<tr>
<td>GEOG</td>
<td>308 Geography of Russia and Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEOG/LAS</td>
<td>319 Geography of the Middle East and North Africa</td>
<td>3</td>
</tr>
<tr>
<td>GEOG/LAS</td>
<td>321 Geography of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>GEOG</td>
<td>369 Geography of Food</td>
<td>3</td>
</tr>
<tr>
<td>GEOG</td>
<td>378 International Environmental Problems and Policy</td>
<td>3</td>
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<tr>
<td>GERM</td>
<td>313 Grammar Review and Composition</td>
<td>3</td>
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<tr>
<td>GERM</td>
<td>314 Current Events: Speaking, Reading, and Writing</td>
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<tr>
<td>GERM</td>
<td>315 German for Business I</td>
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<tr>
<td>GERM</td>
<td>316 German for Business II</td>
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<tr>
<td>GERM</td>
<td>340 Introduction to Reading German Literature</td>
<td>3</td>
</tr>
<tr>
<td>GERM</td>
<td>352 German Civilization, 1871-1945</td>
<td>3</td>
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<tr>
<td>GERM</td>
<td>353 Postwar German Culture and Civilization</td>
<td>3</td>
</tr>
<tr>
<td>GERM</td>
<td>356 Studies in German Film</td>
<td>3</td>
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<tr>
<td>HIST</td>
<td>102 Western Civilization Since 1660</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>124 World History to 1500</td>
<td>3</td>
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<tr>
<td>HIST</td>
<td>125 World History Since 1500</td>
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<tr>
<td>HIST</td>
<td>152 Modern East Asia</td>
<td>3</td>
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<tr>
<td>HIST</td>
<td>184 ‘The Nazis and Germany, 1914-1945’</td>
<td>3</td>
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<tr>
<td>HIST</td>
<td>186 History of World War II</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>192 Origins of Current World Conflicts</td>
<td>3</td>
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<tr>
<td>HIST</td>
<td>326 Twentieth Century Europe, 1900 to Present</td>
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<tr>
<td>HIST</td>
<td>360 Modern France</td>
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<tr>
<td>HIST</td>
<td>362 Modern Germany</td>
<td>3</td>
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<tr>
<td>HIST</td>
<td>366 History of Middle East Since Muhammad</td>
<td>3</td>
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<tr>
<td>HIST</td>
<td>375 Twentieth Century Russia</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>383 Development of Modern Africa</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>384 The Vietnam War</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>388 Modern China</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>389 History of Japan</td>
<td>3</td>
</tr>
<tr>
<td>HIST/LAS</td>
<td>411 Latin America Since Independence</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>476 World War I and II Military</td>
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<td>INTS</td>
<td>145 Study Abroad Cultural Orientation</td>
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<tr>
<td>INTS</td>
<td>170 British Life and Civilization</td>
<td>3</td>
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<td>INTS</td>
<td>180 Chinese Culture and Civilization I</td>
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<tr>
<td>INTS</td>
<td>181 Chinese Culture and Civilization II</td>
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<td>INTS</td>
<td>370 British Life and Civilization II</td>
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<td>INTS</td>
<td>381 Contemporary China</td>
<td>3</td>
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<td>INTS</td>
<td>395 Directed Studies</td>
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<tr>
<td>INTS</td>
<td>399 Independent Study - Juniors</td>
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<tr>
<td>INTS</td>
<td>409 Independent Study - Seniors</td>
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<tr>
<td>JAPN</td>
<td>301 Advanced Japanese Language and Culture I</td>
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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.

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 /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 482 Wisconsin Indian History
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
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 444 African American Civil Rights Movement, 1914-Present
HIST /AIS 482 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
MUSI 336 Jazz History and Analysis
NRSG 389 Cross Cultural Health
POLS /AIS 250 American Indian Politics
POLS 350 Group and Minority Politics
POLS 355 Afro-American Politics
PSY 405 Ethnic-Sensitive Social Work Practice
SOC 312 Race and Ethnicity in the USA
WMNS /HIST 205 American Women’s History
WMNS 215 African-American Feminism in the Humanities

Approved for One Credit (CD1)

ANTH 315 Language in Culture and Society
ANTH 463 Religion and Culture
BEAS 300 Diversity in the Workplace
CJ 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 201 United States History to 1877
HIST 202 United States History Since 1877
HIST 430 Colonial America
HIST 434 Early Nationalism and Jacksonian Democracy
HIST 436 Sectionalism, Civil War, and Reconstruction
HIST 438 America in Transition, 1877-1917
HIST 440 History of the United States, 1917-1945
HIST 442 Recent US History (1945-Present)
HIST 458 History of Westward Expansion
HIST / WMNS 473 American Women’s History to 1870
HIST / WMNS 474 American Women’s History Since 1870
HIST 477 American War in the Post 1945 World
HIST 480 History of Wisconsin
KINS 313 Sociology of Sport and Physical Activity
LAS / SPAN 352 Contemporary Spanish 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 / WMNS 265 Women’s Health Issues
POLS 312 American Political Thought
POLS 342 Public Opinion and Political Behavior
PSY 335 Theories and Research in Developmental Psychology
PSY 336 Psychology of Women
RELS 100 Introduction to the Religions of the World
RELS 210 Religion and Morality
RELS 290 Sacred Earth: Religion and Nature
RELS 348 Religious Themes in Literature
RELS / WMNS 355 Women and World Religions
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 Spanish American Civilization
WMNS 100 U.S. Women’s Experience: Gender, Race, and Class
WMNS 210 Culture of Third Wave Feminism
WMNS / NRSRG 265 Women’s Health Issues
WMNS / ENGL 296 Perspectives on Women’s Literature
WMNS 301 Examining Women’s Studies
WMNS 305 Introduction to Feminist Theories
WMNS / ECON 337 Women and the Labor Market
WMNS / RELS 355 Women and World Religions
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 / HIST 473 American Women’s History to 1870
WMNS / HIST 474 American Women’s History Since 1870
WMNS 490 Feminist Analysis and Practices: Interdisciplinary Themes

Cultural Diversity Variable (CDV)

AIS / HIST 468 Studies in American Indian History
CND 490 Special Topics
HIST / AIS 468 Studies in American Indian History
HNRNS 101 Honors Colloquium

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
CJ 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 / SPAN 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.

40
SERVICES-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.

<table>
<thead>
<tr>
<th>Mission Statement</th>
<th>Text Goals</th>
<th>Objectives</th>
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<tbody>
<tr>
<td>• Educate students for full participation in society.</td>
<td>Foster habits of community engagement in each UW-Eau Claire student.</td>
<td>1. Each student will contribute at least 30 hours of service-learning.</td>
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<tr>
<td>• Perform public service.</td>
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<tr>
<td>• Foster habits of public engagement.</td>
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<td>• Encourage service to society.</td>
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<td>• Promote the common good.</td>
<td>Each UW-Eau Claire student will promote the common good.</td>
<td>2. Each service-learning project will address a need within a community.</td>
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<td>• Benefit others.</td>
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<tr>
<td>• Make education a collaborative effort.</td>
<td>Each UW-Eau Claire student will collaborate in responsibly serving society.</td>
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<td>• Exercise both the rights and responsibilities of citizenship.</td>
<td>Each UW-Eau Claire student will demonstrate civic engagement.</td>
<td>3. Each service-learning project will involve collaboration among the student, the mentor, and a community partner.</td>
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<td>• Educate students.</td>
<td>Each UW-Eau Claire student will self-learn something significant in a service environment.</td>
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<tr>
<td>• Challenge them.</td>
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<td>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.</td>
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<tr>
<td>• Apply concepts and principles from college coursework to their other experiences.</td>
<td>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.</td>
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<td>• Apply experiential insights critically and creatively to their college learning.</td>
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<td>• Foster academic growth.</td>
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<td>• Foster personal growth.</td>
<td>Each UW-Eau Claire student will reflect on the personal value of his/her service.</td>
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<tr>
<td>• Prepare for a life of informed, active citizenship.</td>
<td>Service-Learning will encourage each UW-Eau Claire student to continue informed, active citizenship throughout his/her life.</td>
<td>9. In the service-learning report, each student will reflect on his/her personal growth.</td>
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<td>• Perform personal growth.</td>
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<td>• Improve public service.</td>
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<td>• Foster personal growth.</td>
<td>Each UW-Eau Claire student will reflect on the personal value of his/her service.</td>
<td>10. Each service-learning project will include reflection on life-long learning and public service.</td>
</tr>
<tr>
<td>• Prepare for a life of informed, active citizenship.</td>
<td>Service-Learning will encourage each UW-Eau Claire student to continue informed, active citizenship throughout his/her life.</td>
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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, proselytizing, 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 Half (SL-Half)
ACCT 210 Service-Learning in Accounting
CJ 450 Human Resource Development Seminar
FIN 210 Service-Learning in Finance
HST 386 Introduction to Public History
KINS 303 Planning, Implementation, and Assessment: Fitness Concepts
MUTX 312 Therapeutic Application of Dance and Movement
NRSN 333 Wellness in the Work World
PSYC 353 Health Psychology

Service-Learning Optional (SL-Optnl)
ACCT 404 Income Tax Assistance
BIOL 181 Conservation of the Environment Lab
BSAD 306 Internship Program I
BSAD 406 Internship Program II
CJ 459 Communication Research Seminar
CS 400 Computer Science Practicum
CS 408 Computer Science Internship
CE 400 Computer Engineering Practicum
CE 408 Computer Engineering Internship
ENGL 396 English Language Arts Festival Practicum
FLG 375 Internship Experience
HST 309 Independent Study - Juniors
HST 489 Internship in History
HST 489 Research Seminar
HST 409 Independent Study - Seniors
IDS 230 Experiential Internship
INTS 406 International Education Internship
MATH 408 Mathematics Internship
MGMT 306 Internship Program I
MGMT 414 Small Business Consulting
MGMT 415 Advanced Entrepreneurship
MGMT 408 Internship Program II
MKTG 332 Marketing Communications and Promotion Analysis
MKTG 334 Marketing Research
MKTG 306 Internship Program I
MKTG 406 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)
ACCT 404 Income Tax Assistance
GEOG 352 Business Geographics
GEOL 106 Earth Science
PHIL 397 Student Academic Apprenticeship in Philosophy
PHIL 408 Internship in Philosophy
PHIL 397 Student Academic Apprenticeship in Religious Studies
RELS 408 Internship in Religious Studies
RELS 498 Internship in Religious Studies
WMNS 408 Feminist Analysis and Practices: Interdisciplinary Themes

Service-Learning Variable (SL-Variable)
ENGL 394 Student Mentor
WMNS 408 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/booth 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 (W)
BIOL 196 Human Nutrition
BIOL 354 Physiological Nutrition
IDS 260 Techniques of the Singing / Speaking Voice
IDS 301 Exploring Mind / Body Connections
KINS 186 Wellness Concepts and Health Related Fitness
KINS 196 Wellness Concepts
KINS 262 Health Survey
KINS 335 Introduction to School Health Education and Current Health Issues
KINS 361 Physical Education and Health Education for Teachers of Grades K-8
MUTX 222 Personal Applications of Music for Wellness
NRSN 211 Wellness: Food for Fitness
NRSN 212 Navigating Health Care
NRSN 213 Body, Mind, Spirit Wellness
NRSN/WMNS 265 Women’s Health Issues
NRSN 285 Men’s Health Issues
NRSN 300 Travelers’ Health
NRSN 333 Wellness in the Work World
NRSN/SW 360 Death and Bereavement
NRSN/SW 360 Death and Bereavement
SW/WMNS 424 Alcohol and Other Drug Abuse
WMNS/WMNS 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.

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; Crmj; LAS; Wmns 310, 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, Music Therapy (including Mutx 116 and 218), Theatre Arts
B. Philosophy or Religious Studies (excluding logic courses)
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.

**INTERDISCIPLINARY 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.

Many of the interdisciplinary courses are taught by more than one faculty member and provide students with an expanded view of subject matter in more than one field. 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 Work**
3 crs. • F, Sp • GE-IIHG
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Coordinating Department: Social Work.
An introduction to the profession of social work emphasizing its focus, methods, knowledge, values, ethics, populations, and settings.

**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-IIHG • 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
3 crs.  •  V  •  GE-IVE  •  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 201 Overview of the U.S. Health Care System: A Policy Perspective
3 crs.  •  Sp  •  GE-IIIG
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
• Coordinating Department: College of Arts and Sciences.
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  •  Not for GE; SO; Special Course Fee Required; Field Trip(s) Required  •  May be repeated for a maximum of 6 credits  •  Department Consent Required
• Must have completed 24 credit hours (or in-progress), and in good academic standing.
• Coordinating Department: Career Services.
Addresses the student’s academic and professional goals through on-the-job experiences/activities related to a specific area of interest.

IDIS 240 Techniques of the Singing/Speaking Voice
2 crs.  •  F Sp  •  W; GE-IVE
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 301 Exploring Mind/Body Connections
3 crs.  •  Wi, Su  •  W; GE-IIHC  •  P: PSYC 100 or permission of instructors
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
• Coordinating Department: Psychology.
Examines interactions among biological, psychological, educational, lifestyle, social, and cultural factors associated with health. Emphasis on stress responses that impact etiology and course of health problems, illness prevention and treatment approaches, research-supported health strategies.

IDIS 302 Race and Racism in the USA
3 crs.  •  CD3; GE-IIIG  •  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. Development of fundamental skills in vocabulary, grammar, speaking, listening, and writing. Continuation of Chinese 110.

IDIS 310 The Science of Science Fiction
3 crs.  •  Su  •  GE-IIIC  •  P: Minimum sophomore standing.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
• Coordinating Department: Physics and Astronomy.
Study of science fiction 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.  •  Sp  •  GE-IIIG  •  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-IIIC  •  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-IIIC  •  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-V  •  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  •  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 from the perspective of two or more General Education areas: communications, natural sciences, social sciences, and/or humanities.

IDIS 410 Fine Arts Administration Seminar
3 crs.  •  F  •  Not for GE; 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.

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.

380 McNair Fall Seminar for Juniors
2 crs.  •  F  •  Not for GE  •  P: 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.
Seminars provide an interdisciplinary perspective on the research process for students who desire to become college professors/researchers.

381 McNair Spring Seminar for Juniors
2 crs.  •  Sp  •  Not for GE; 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.

480 McNair Fall Seminar for Seniors
2 crs.  •  F  •  Not for GE; 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.

481 McNair Spring Seminar for Seniors
1 cr.  •  Sp  •  Not for GE  •  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.
The McNair Seminar focuses on how universities operate and what factors drive academicians’ 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. For second baccalaureate degree candidates, the Total GPA is based on the Resident GPA and the GPA associated with the first degree.

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 or professional interests. Advising is most effective when it is viewed as a collaborative relationship.

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 or professional interests. Advising is most effective when it is viewed as a collaborative relationship.

Advisers should serve as a resource for students, providing accurate information and referring them to appropriate sources of help through the university.
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.

Advisor 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: www.uwec.edu/Registrar/chgoma-
jor. 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 January, 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 an accredited college or university and who subsequently becomes a candidate for a second baccalaureate degree from UW-Eau Claire must: (1) present 30 credits beyond the first degree, of which at least 23 must be taken in residence, (2) meet all major/minor and other degree-specific requirements of the second degree, (3) meet the cultural diversity requirement.

It is presumed that candidates for the second baccalaureate degree have met the following University graduation requirements: English competency, mathematics/statistics competency, foreign language/foreign culture, general education, physical activity and wellness, and service-learning.

All second degree students must have their transcripts reviewed and their plan of study approved by an Associate Dean in the College of their major.

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 re-admission to UW-Eau Claire. When all coursework—which must be taken at UW-Eau Claire—(1) towards 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 twice 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 or other field placement course requiring no more than six credits. Students who will complete all requirements for the degree during the first Three-Week Summer Session are August graduates, but may request permission to attend the May commencement ceremony. Students completing all requirements for the degree in January may attend the prior December ceremony; and students completing all requirements in August may attend the following December ceremony.

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.

NOTE: For second degree students, GPAs from both the first and second degrees will be included in the computation.

University Honors Program and Courses
This program provides an extra measure of challenge and enrichment for students who are academically distinguished by previous and current achievements and by high levels of motivation and curiosity. It seeks to challenge exceptionally able students to perform at the highest level of which they are capable, to enhance their capacity for critical inquiry and for independent learning, and to develop their potential for leadership in their future vocations.

The UW-Eau Claire Honors Program has two components: University Honors and Departmental/College Honors. Students may complete one component or both.

Honors Program participation is documented on the student’s University record, thus enhancing his or her opportunity for future acceptance by graduate or professional schools or in gaining preferred employment.

University Honors. In small classes designed for honors students and in special sections of regular courses, honors students are provided opportunities for close interaction with faculty and with other honors students. The content of these courses is designed to stimulate and challenge students of superior ability. The distinctiveness of honors courses lies not so much in additional work required of students as in the type and level of performance experienced by students and faculty.

Admission to the University Honors Program. Criteria for admission as an incoming freshman involve a student’s academic standing in his or her high school graduating class and scores achieved on either the ACT or SAT. Students who are admitted to UW-Eau Claire and who meet the criteria will be invited to enter the program upon their first registration for courses. Students who have completed at least one semester of work at UW-Eau Claire may be admitted after demonstrating superior academic performance including attaining at least a 3.67 GPA.

Requirements. A student will be graduated with University Honors provided the following requirements are met:

1. Attainment of a resident and total GPA of at least 3.50.
2. Completion of one-credit first-year seminar, Hnrs 100.
3. Completion of at least 12 credits of University Honors colloquium courses (at least two courses at the 300-level).

OR
If Hnrs 410: Mentoring in Honors is completed, nine credits of Honors Colloquia courses (at least one course at 300-level).
4. Completion of at least 12 credits of University Honors elective courses OR
If Hnrs 420: Tutoring in Honors is completed, nine credits of Honors Elective courses. These courses may be used to meet General Education, major, or minor requirements as well as the requirements of the Honors Program. However, no more than one course from any department may be used to complete University Honors Requirements.
5. 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 may be substituted for one of the required electives.

An appropriate designation will be placed on the 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 schedule of available honors courses may be obtained from the Director of the University Honors Program.

HONORS SEMINARS
HNRS 100 First-Year Honors Seminar
1 crs. • F, Sp • GE-IV; HONOR • A-F Grades Only • P: Limited to students in the University Honors Program.

Introduction to expectations of a baccalaureate degree. Explores the value of a liberal education, the skills and knowledge needed to be an educated person, the roles of the honors program and University requirements.
HNR 410 Mentoring in Honors
1 crs. •  • GE-II; HONOR, SL • A-F Grades Only • P: Limited to students in the University Honors Program. • 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 seniors with permission of the Director of the University Honors Program.

HNR 420 Tutoring in Honors
1 crs. •  • GE-II; HONOR, SL • A-F Grades Only • P: Credit cannot be earned in both HNRS 410 and HNRS 420. Minimum junior standing. Limited to students in the University Honors Program. • Department Consent Required
Assist in instruction of an Honors Elective course previously completed. Open to juniors and seniors with permission of the Director of the University Honors Program.

HNR 410 Honors Seminar
2 credits • A-F Grades Only • P: Must have a cumulative GPA of 3.5 or higher
A capstone course that explores students' undergraduate experiences, the value of a liberal education, and the role of the honors program.

HNR 420 Honors Colloquium
3-4 crs. •  • CDV; GE-IV, HONOR • A-F Grades Only • P: Limited to students in the University Honors Program. • Department Consent Required
An upper-division course that involves language, communication, and analytical skills.

HNR 303 Honors Colloquium
3-4 crs. •  • 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 focuses on topics in the natural sciences.

HNR 304 Honors Colloquium
3-4 crs. •  • 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. Various departments offer students the opportunity to earn honors in their major programs. These involve a pattern of upper-level coursework designed for students who meet the eligibility requirements. For information on departmental or college honors programs, consult the catalog descriptions of programs offered by departments or colleges or inquire at department or college offices or at the office of 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 (SCHOFIELD 136)
MARGARET L. CASSIDY, ASSOCIATE DEAN (SCHOFIELD 136)
MICHAEL R. WEIL, ASSOCIATE DEAN (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
- Women’s 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 or Hnrs 101) 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 113 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 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 (Multidisciplinary)
Art
Biology
Chemistry
Communication
Computer Science
Economics
English
French
Geography
Geology
German
History
Journalism
Latin American Studies (Multidisciplinary)
Mass Communication
Mathematics
Music
Philosophy
Physics
Political Science
Psychology
Religious Studies
Sociology
Spanish
Theatre Arts
Women’s Studies (Multidisciplinary)

Comprehensive majors:
Biochemistry/Molecular Biology-Liberal Arts (Multidisciplinary)
Biological Arts
Chemistry-A.C.S.
Chemistry with Business Emphasis (Department of Chemistry)
Chemistry-Liberal Arts
Computer Science-Liberal Arts
Criminal Justice-Liberal Arts (Multidisciplinary)
Geography-Liberal Arts
Geology-Liberal Arts
Latin American Studies-Liberal Arts (Multidisciplinary)
Materials Science-Liberal Arts (Multidisciplinary)
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 (Multidisciplinary)

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 multidisciplinary programs.

Ancient Studies
Anthropology (Department of Geography and Anthropology)
Art History (Department of Art & Design)
Computational Science
Dance (Department of Music and Theatre Arts)
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
International Business
Business Administration
Management
Business Finance
Marketing
Information Systems

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

College of Education and Human Sciences minors accepted for Arts and Sciences degrees:
Science of Coaching-Liberal Arts
Library Science-Liberal Arts
Kinesiology-Liberal Arts

Major 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
Mus (Code 060-201) and Thea (Code 601-223)

Philosophy and Religious Studies
Rel (Code 411-201) and Phil (Code 400-400)

Phil (Code 400-200) and Rel (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:

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.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.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 45 credits in courses designated as GE, distributed as follows:
   NOTE: Earning the minimum credits in each category will not total 45 credits.
   a. **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 English 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.
   b. 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, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 131; Msci 100; Phys 100, 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; Criminal Justice; LAS 150; Wmns 310, 375, 433, 440).
IV. **Humanities.** Fifteen credits, including at least one course from four of the five Subcategories:
   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 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:

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.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.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 114.
   b. Earn a grade of at least C (not C-) or a mark of S in Math 111, 112, or 113.
   c. Achieve a satisfactory score on the Math 112 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 45 credits in courses designated as GE, distributed as follows:
   NOTE: Earning the minimum credits in each category will not total 45 credits.
   a. **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 English 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.
   b. Interdisciplinary Studies—Communications (including Wmns 431).
II. **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, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 131; Msci 100; Phys 100, 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; Criminal Justice; LAS 150; Wmns 310, 375, 433, 440).
IV. **Humanities.** Fifteen credits, including at least one course from four of the five Subcategories:
   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 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 education 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 (net 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 language 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 (net 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, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 131; Msci 100; Phys 100, 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; Criminal Justice; LAS 150; Wmns 310, 375, 433, 440).

   IV. **Humanities.** Nine to 12 credits, including at least one course from two of the five Subcategories:
   - 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.

   a. **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.
   
   b. Interdisciplinary Studies—Communications (including Wmns 431).

   c. **Natural Sciences.** Nine to 12 credits (including at least one laboratory course*) from at least two of the six Subcategories:
      - **A. Biology:** Biology; 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: Bio 100, 110, 111, 151, 181, 195, 214, 320, 356, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 131; Msci 100; Phys 100, 211, 212, 226, 229, 231, 232.

   d. **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; Criminal Justice; LAS 150; Wmns 310, 375, 433, 440).

5. **Humanities.** Nine to 12 credits, including at least one course from three of the five Subcategories, excluding Music prefix courses:
   a. **A. Fine Arts—Art, Art History, Dance, Theatre Arts.**
   
   b. **B. Philosophy (excluding logic courses), Religious Studies.**
   
   c. **C. History.**
   
   d. **D. English (literature courses), Foreign Languages (literature and civilization courses).**
   
   e. **E. Interdisciplinary Studies—Humanities (including AIs 102, Humanities, Interdisciplinary Studies, International AIs, Latin American Studies, Women’s Studies).**

6. **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 may find specific instructions at www.uwec.edu/Registrar/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 3.50;
3. Earn a minimum of 60 semester credits; 39 of these credits must apply to General Education.

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 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. Departments forward to the Registrar the 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 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 enroll may be obtained from the department office. A permit approved by the professor directing the study and the department chair 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), each department in the College of Arts and Sciences 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 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 a multidisciplinary major may elect an Independent Study in any department 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 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 office. A permit approved by the professor directing the study and the department chair 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, Computer Engineering, Criminal Justice, Economics, English, Geography, History, 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, History, Music and Theatre Arts, Physics, Political Science, and Sociology have established Departmental Honors Programs for their majors. The programs in Criminal Justice (see Multidisciplinary Programs) and in Spanish (see the Department of Foreign Languages) also offer an Honors Program. See departmental listings or the multidisciplinary 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. Janet (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; Psy 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: The Dental Admission Test must be taken prior to applying for admission to dental school, preferably during the first semester of the junior year.

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 as 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)

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; Bsd 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)

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-341) 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 Eng1 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

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 freshman program should include Chem 115 (or 103 and 104); Math 114; Biol 110 and 111 or Biol 214 and 314; Eng1 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 105/104 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-341) 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 different 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 accordingly 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. Shoresh (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 freshmen program includes Biol 110 and 111; Chem 103 and 104 (or 115 and 213); Engl 110; Math 114. Consult an adviser for further recommendations.

**Multidisciplinary Programs**
The program in Chemistry with Business Emphasis is multidisciplinary by the nature of its requirements. Information about this program is found in the Chemistry Department.

In addition, several multidisciplinary programs are offered for students in Liberal Arts or Education. Inquiries addressed to the Dean of the College will be forwarded to the committee or the department responsible for directing the program.

**Programs with Majors and Minors**

**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 abilities 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 students who want 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 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** Native Art of the Americas
- **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 395** Directed Study
- **AIS 399** Independent Study
- **AIS/Hist 468** Studies in American Indian History
- **AIS/Hist 482** Wisconsin Indian History
- **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: W. Makoons Geniusz, Director of American Indian Studies (HHH-150), Professors D. Barker (HHH-426) English, 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 life-styles, 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** Native Art of the Americas
- **AIS/Anth 325** North American Indians
- **AIS/Rels 330** Indigenous Religions of the Americas
American Indian Studies Courses

AIS 101 Introduction to American Indian History and Cultures
3 crs.  •  F  •  CD3; GE-IIIC
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  •  CD3; GE-IVB
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-IID
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.  •  F  •  CD3; GE-IIB  •  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  •  CD3; GE-IIC  •  P: Credit may not be earned in both ENGL 142 or AIS 142 or if taken after ENGL 346 or AIS 346. Not available for juniors or seniors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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  •  CD3; GE-IID  •  P: Credit may not be earned in both AIS 161 and ANTH 161.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.  •  CD3; GE-IIB  •  P: Credit may not be earned in both AIS 240 and HIST 240.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.  •  Sp  •  CD3; GE-IIV  •  P: Credit may not be earned in both AIS 242 and ENGL 242.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
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.  •  Su  •  CD3; GE-IID  •  P: Credit may not be earned in both AIS 250 and POLS 250.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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  •  Not for GE  •  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 Ojibwe Language Camps
3 crs.  •  F  •  CD3; GE-IIC; Special Course Fee Required; Field Trip(s) Required  •  P: Credit may not be earned in both AIS 322 and GEGO 322.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course examines a growing language revitalization method. Students learn basic techniques for teaching Ojibwe in an informal setting and implementing what they learn by participating and teaching at Ojibwe language camps in Native communities.

AIS 322 Native Geographies
3 crs.  •  F  •  CD3; GE-IIC; Special Course Fee Required; Field Trip(s) Required  •  P: Credit may not be earned in both AIS 322 and GEGO 322.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.  •  F  •  CD2; GE-IVA; Field Trip(s) Required  •  P: Credit may not be earned in both AIS 324 and ARTH 324.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
A survey of North American Indian artwork in contemporary and historical contexts.

AIS 325 North American Indians
3 crs.  •  F  •  CD3; GE-IHC  •  P: Credit may not be earned in both AIS 325 and ANTH 325. Previous completion of ANTH/AIS 161 strongly recommended.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.  •  F  •  CD2; GE-IVB  •  P: One course in RELS, PHIL, AIS, LAS, or consent of instructor. Credit may not be earned in both AIS 330 and RELS 330.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.  •  F  •  CD2; GE-IVA; Field Trip(s) Required  •  P: Credit may not be earned in both AIS 335 and ARTH 335.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.  •  F  •  CD2; GE-IVA; Field Trip(s) Required  •  P: Credit may not be earned in both AIS 337 and ARTH 337.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 399 Independent Study
1-4 crs.  •  Su  •  Not for GE  •  Instructor Consent Required
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: W. Makoons Geniusz, Director of American Indian Studies (HHH-150), Professors D. Barker (HHH-426) English, J. Oberly (HHH-713) History, or R. St. Germaine (HHH-712) History.
AIS 345 American Indian Autobiography
3 crs. • CD3; GE-JV3 • P: Three credits of Engl Lit (GE-JV3) 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 468, AIS/HIST 482 or consent of instructor. Credit may not be earned in both AIS 345 and ENGL 3455.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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. • F • CD3; GE-JV3 • P: Three credits of Engl Lit (GE-JV3) 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 468, AIS/HIST 482 or consent of instructor. Credit may not be earned in both AIS 345 and ENGL 3465.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Major and supporting works of American Indian literature, from oral and written sources.

AIS 395 Directed Studies
1-3 crs. • F, Sp • Not for GE. • 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 • Not for GE. • 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 468 Studies in American Indian History
1-3 crs. • CDV; GE-JVC • May be repeated for a maximum of 9 credits • P: Six credits of history, or junior standing, or consent of instructor. 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 480 Capstone
3 crs. • F, Sp • Not for GE; SL; 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 482 Wisconsin Indian History
3 crs. • F, Sp, Su • CD3; GE-JV3 • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both AIS 482 and HIST 482.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

AIS 491 Special Topics
1-3 crs. • F, Sp • Not for GE. • 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 • Not for GE; SL; 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 Independent Study
1-3 crs. • F, Sp • Not for GE. • 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 MAJORS

By pursuing a broad yet in-depth course of study, Latin American Studies majors are well equipped to enter many fields and occupations as teachers in the United States or Latin America, as business people sensitized to Latin American history and culture, or as journalists or government employees where contact with Latin America or Latin Americans in the United States is important. Those subsequently receiving professional degrees (e.g., in law or medicine) also could benefit from the background provided by the Latin American Studies major.

The spectrum of courses within the multidisciplinary curriculum of Latin American Studies provides students with the knowledge and skills to meet the academic goals of the university while preparing them to become engaged in activities relevant to Latin America and Latino communities in the United States. Majors develop language proficiency in Spanish and have a broad range of courses from which to choose in art history, economics, foreign languages, history, and political science. 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, NGOs, travel industry);
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., Hispanic 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 Spanish American Civilization
- Span/LAS 367 Survey of Spanish 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 476 The Novel in Spanish America I: 1850-1950
  - Span/LAS 477 The Novel in Spanish America II: 1950-present
  - Span/LAS 480 Spanish American Literature and Film
  - Span/Wms 482 Women in Spanish American Literature
  - Span 405 Advanced Conversation
  - Span 410 Advanced Grammar
  - Span 491 Special Topics (Latin American topics only)

Electives—a minimum of 29 credits in the Humanities and Social Sciences:

- ArtH/AIS 335 Ancient Art and Architecture of Mexico and Central America
- ArtH/AIS 337 Art of Taiwaninsuyo
- Econ 355 Economic Development of the Third World
- Econ/LAS 356 Economic Development of Latin America
- Fltr/LAS 350 Spanish-American Literature in Translation
- Geog/LAS 321 Geography of Latin America
- Hist/LAS 410 Latin America Through Independence
- Hist/LAS 411 Latin America Since Independence
- Hhrs 304 Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)
- Pols/LAS 319 Politics of Latin America
- Pols/LAS 320 Caribbean Politics
- Rel/S/SIS 330 Indigenous Religions of the Americas or equivalent courses in the study abroad programs

Study Abroad: Majors are required to study abroad for one semester in one of the approved programs in Chile, Costa Rica, Mexico (ITESM), Nicaragua/Costa Rica, or an ISEP-Direct program in a Latin American Spanish speaking country or Brazil, or one semester of Spanish language immersion at an accredited institution of higher education.

For advising, see Department of Foreign Languages (HHH-378).
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:
- Span/LAS 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 Spanish American Civilization
- Span/LAS 367 Survey of Spanish American Literature

and 15 credits from the following:
- Span 405 Advanced Conversation
- Span 410 Advanced Grammar
- Span/LAS 476 The Novel in Spanish America I: 1850-1950
- Span/LAS 477 The Novel in Spanish America II: 1950-present
- Span/LAS 480 Spanish American Literature and Film
- Span/Wmns 482 Women in Spanish American Literature
- Span 491 Special Topics (Latin American topics only)

Electives—a minimum of 19 credits in the Humanities and Social Sciences:
- 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 Spanish-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 410 Latin America Through Independence
- Hist/LAS 411 Latin America Since Independence
- Pols/LAS 319 Politics of Latin America
- Pols/LAS 320 Caribbean Politics
- Rel/AIS 330 Indigenous Religions of the Americas
- Span/LAS 312 Latinos in the U.S.

or equivalent courses offered in the study abroad programs

Study Abroad: Majors are required to study abroad for one semester in one of the approved programs in Chile, Costa Rica, Mexico (ITESM), Nicaragua/Costa Rica, or an ISEP-Direct program in a Latin American Spanish speaking country or Brazil, or one semester of Spanish language immersion at an accredited institution of higher education.

For advising, see Department of Foreign Languages (HHH-378).

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 Spanish American Civilization
- Span/LAS 367 Survey of Spanish American Literature
- Span 491 Special Topics (Latin American topics only)

Electives—a minimum of eight credits in the Humanities and Social Sciences:
- 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 Spanish-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 410 Latin America Through Independence
- Hist/LAS 411 Latin America Since Independence
- Pols/LAS 319 Politics of Latin America
- Pols/LAS 320 Caribbean Politics
- Rel/AIS 330 Indigenous Religions of the Americas

or equivalent courses offered in the study abroad programs

Study Abroad: Minors are required to study abroad in one of the approved programs: a summer in Cuernavaca (ITESM), or a semester in Costa Rica, Mexico (ITESM) or Nicaragua/Costa Rica, or an ISEP-Direct program in a Latin American Spanish speaking country or Brazil, or in a summer of Spanish language immersion at an accredited institution of higher education.

For advising, see Department of Foreign Languages (HHH-378).
Latin American Studies Courses

LAS

LAS 150 Introduction to Latin American Studies
3 crs. • F • FC; GE-HHC
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 312 Latinos in the U.S.
2 crs. • F; Sp • CD2; GE-IVD • P: SPAN 301 or consent of instructor. Credit may not be earned in both SPAN 312 and LAS 312.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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. • FC; GE-HHD • P: Credit cannot be earned in both POLS 319 AND LAS 319.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
An examination of major institutions, groups, and selected topics related to Latin American politics.

LAS 320 Caribbean Politics
3 crs. • FC; GE-HHD • P: One course in POLS or consent of instructor. Credit may not be earned in both POLS 320 and LAS 320.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
The dynamics of Anglo-phone and Hispanic Caribbean politics from Colonial rule to the present. Major topics include: colonialism, patterns of colonization; post-colonial state power; the status of women; and recent trends in structures of dependency and popular resistance.

LAS 321 Geography of Latin America
3 crs. • Sp • FC; GE-HIC • P: Credit may not be earned in both GEOG 321 and LAS 321.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Spanish-American Literature in Translation
3 crs. • Sp • FC; GE-IVD • P: Credit may not be earned in both FTLR 350 and LAS 350.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course introduces students to Spanish-American authors and their writings in a historical and social context.

LAS 352 Contemporary Spanish 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
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. • FC; GE-HIB • P: Credit may not be earned in both ECON 356 and LAS 356.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Survey of Spanish American Literature
3 crs. • F, Sp • FC; GE-IVD • P: SPAN 302 or consent of instructor; recommended to take after study abroad. Credit may not be earned in both SPAN 367 and LAS 367.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Study and literary analysis of the work of the principal writers of Spanish American Literature from indigenous to contemporary literature.

LAS 411 Latin America Through Independence
3 crs. • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 410 and LAS 410.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

LAS 411 Latin America Since Independence
3 crs. • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 411 and LAS 411.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

LAS 450 Capstone for Latin America Studies
1-3 crs. • F, Wi, Sp, Su • FC; Not for GE; 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 476 The Novel in Spanish America I: 1850-1950
3 crs. • FC; Not for GE • P: SPAN 363 or SPAN/LAS 367, or consent of instructor. Credit may not be earned in both SPAN 476 and LAS 476.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Study of the most important novelists of Spanish America, from 1850 to 1950.

LAS 477 The Novel in Spanish America II: 1950-Present
3 crs. • FC; Not for GE • P: SPAN 363, or SPAN/LAS 367, or consent of instructor. Credit may not be earned in both SPAN 477 and LAS 477.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Continuation of SPAN/LAS 476. Covers period from 1950 to the present.

LAS 480 Spanish American Literature and Film
3 crs. • F even years • FC; Not for GE • P: SPAN 363 or SPAN/LAS 367. Credit may not be earned in both SPAN 480 and LAS 480.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course is an in-depth study of contemporary Spanish American literature and the film versions of the literature in their historical and social contexts.

LAS 491 Special Topics
3 crs. • V • Not for GE • 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.

MAJOR: WOMEN’S STUDIES, Liberal Arts (Code 486-201)

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.

The major consists of 36 semester credits, including:

• Required courses:
  - Wmns 250 Women’s Studies Research Techniques (1-3 crs)
  - Wmns 301 Examining Women’s Studies (3 crs)
  - Wmns 305 Introduction to Feminist Theories (3 crs)
  - Wmns 311 Discussion Supplement to Wmns 301—Examining Women’s Studies (1 cr)
  - Wmns 490 Feminist Analysis and Practices: Interdisciplinary Themes (3 crs)
  - Wmns 496 Capstone Seminar for Women’s Studies (1-4 crs)

• Students must take at least one course from Cluster A and one course from Cluster B.

• At least 15 of the 36 credits must be at the 300-400 level.

• Three credits must be taken from the Women of Color/Global course offerings (marked with *)
Cluster A

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>Wmns/Soc 202</td>
<td>Women and Men in Society: The Sociology of Gender (3 crs)</td>
</tr>
<tr>
<td>Wmns 222</td>
<td>Introductory Travel Seminar (1-3 crs)</td>
</tr>
<tr>
<td>Wmns/Nursg 265</td>
<td>Women's Health Issues (3 crs)</td>
</tr>
<tr>
<td>Wmns/Biol 309</td>
<td>Women in the Life Sciences (2 crs)</td>
</tr>
<tr>
<td>Wmns 310</td>
<td>Women and Violence (3 crs)</td>
</tr>
<tr>
<td>Wmns/CJ 317</td>
<td>Women and the Mass Media (3 crs)</td>
</tr>
<tr>
<td>Wmns/Psych 336</td>
<td>Psychology of Women (3 crs)</td>
</tr>
<tr>
<td>Wmns/Econ 337</td>
<td>Women in the Labor Market (3 crs)</td>
</tr>
<tr>
<td>Wmns/Pol 351</td>
<td>Women and Politics (3 crs)</td>
</tr>
<tr>
<td>*Wmns/Anth 356</td>
<td>Women in Cross Cultural Perspective (3 crs)</td>
</tr>
<tr>
<td>*Wmns/Econ 357</td>
<td>Women and Economic Development (3 crs)</td>
</tr>
<tr>
<td>Wmns/Math 363</td>
<td>Studies of Women in Mathematics (1-3 crs)</td>
</tr>
<tr>
<td>Wmns 375</td>
<td>EcoFeminism-Women’s Studies and Environmental Justice (3 crs)</td>
</tr>
<tr>
<td>Wmns/Soc 419</td>
<td>Sociology of Women (3 crs)</td>
</tr>
<tr>
<td>Wmns 422</td>
<td>Advanced Travel Seminar (1-3 crs)</td>
</tr>
<tr>
<td>Wmns 431</td>
<td>Women and Communication (1-3 crs)</td>
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<tr>
<td>Wmns 432</td>
<td>Women and Science (1-3 crs)</td>
</tr>
<tr>
<td>Wmns 433</td>
<td>Women and Social Science (1-3 crs)</td>
</tr>
<tr>
<td>Wmns/ES 436</td>
<td>Education of Girls and Women in the United States (2 crs)</td>
</tr>
<tr>
<td>Wmns 440</td>
<td>Lesbian Lives and Cultures (3 crs)</td>
</tr>
</tbody>
</table>

Cluster B

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>Wmns 100</td>
<td>U.S. Women’s Experience: Gender, Race, and Class (3 crs)</td>
</tr>
<tr>
<td>Wmns/Hist 205</td>
<td>American Women’s History (3 crs)</td>
</tr>
<tr>
<td>Wmns 210</td>
<td>Culture of Third Wave Feminism (3 crs)</td>
</tr>
<tr>
<td>*Wmns 215</td>
<td>African-American Feminism in the Humanities (3 crs)</td>
</tr>
<tr>
<td>Wmns 260</td>
<td>Masculinity Studies and Feminist Theories (1-3 crs)</td>
</tr>
<tr>
<td>Wmns/Engl 296</td>
<td>Perspectives on Women’s Literature (3 crs)</td>
</tr>
<tr>
<td>Wmns/Musi 306</td>
<td>Women in Music (3 crs)</td>
</tr>
<tr>
<td>*Wmns 332</td>
<td>Women in African Literature (3 crs)</td>
</tr>
<tr>
<td>Wmns/Rels 353</td>
<td>Emancipating Eve and Adam: The Women’s Movement in Religion (3 crs)</td>
</tr>
<tr>
<td>*Wmns 355</td>
<td>Women and World Religions (3 crs)</td>
</tr>
<tr>
<td>Wmns/Phil 377</td>
<td>Philosophy and Feminism (3 crs)</td>
</tr>
<tr>
<td>*Wmns/Hist 385</td>
<td>The History of Middle Eastern Muslim Women (3 crs)</td>
</tr>
<tr>
<td>Wmns/Hist 394</td>
<td>Studies in the History of Women (3 crs)</td>
</tr>
<tr>
<td>Wmns/Engl 396</td>
<td>Studies in Women’s Literature (3 crs)</td>
</tr>
<tr>
<td>Wmns 434</td>
<td>Women and the Humanities (1-3 crs)</td>
</tr>
<tr>
<td>Wmns 447</td>
<td>Design and Domesticity (3 crs)</td>
</tr>
<tr>
<td>Wmns/Hist 473</td>
<td>American Women’s History to 1870 (3 crs)</td>
</tr>
<tr>
<td>Wmns/Hist 474</td>
<td>American Women’s History Since 1870 (3 crs)</td>
</tr>
<tr>
<td>*Wmns/Span 482</td>
<td>Women in Spanish American Literature (3 crs)</td>
</tr>
<tr>
<td>Engl 496</td>
<td>Seminar in Women’s Literature (3 crs)</td>
</tr>
</tbody>
</table>

General Education Note: With the exception of Engl 496, Wmns/Span 482, and Wmns 250, 305, 311, 395, 490, 496, and 498, all Wmns courses may be used to fulfill General Education requirements. Please 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 the Women’s Studies Program Coordinator (B-55).

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 courses:**
  - Wmns 301 Examing Women’s Studies (3 crs)
  - Wmns 305 Introduction to Feminist Theories (3 crs)
  - Wmns 311 Discussion Supplement to Wmns 301—Examining Women’s Studies (1 cr)
  - Wmns 496 Capstone Seminar for Women’s Studies (1-4 crs)

Option 1: Complete one credit of Wmns 496 in conjunction with a capstone/research project with Women’s Studies content in the major, as approved by the Coordinator of Women’s Studies.

Option 2: Complete a minimum of two credits of Wmns 496 (to a maximum of four credits), with one credit devoted to class meeting time and the remaining credit(s) devoted to the research project as approved by the Coordinator of Women’s Studies.

- Students must take at least one course from Cluster A and one course from Cluster B.
- At least 12 of the 24 credits must be at the 300-400 level.
- Three credits must be taken from the Women of Color/Global course offerings (marked with *).
General Education Note: With the exception of Engl 496, Wmns/Span 482, and Wmns 250, 305, 311, 395, 496, 498, all Wmns courses may be used to fulfill General Education requirements. Please 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 the Women’s Studies Program Coordinator (B-55).

**CERTIFICATE PROGRAM**

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 301 *Examining Women’s Studies* (3 crs), Wmns 305 *Introduction to Feminist Theories* (3 crs), and Wmns 311 *Discussion Supplement to Wmns 301*—Examining Women’s Studies (1 cr).

The remaining five credits are to be selected from the following list:

- **Wmns 100** U.S. Women’s Experience: Gender, Race, and Class
- **Wmns 202** Women and Men in Society: The Sociology of Gender
- **Wmns 205** American Women’s History
- **Wmns 210** Culture of Third Wave Feminism
- **Wmns 215** African-American Feminism in the Humanities
- **Wmns 222** Introductory Travel Seminar
- **Wmns 260** Masculinity Studies and Feminist Theories
- **Wmns 265** Women’s Health Issues
- **Wmns 296** Perspectives on Women’s Literature
- **Wmns 306** Women in Music
- **Wmns 309** Women in the Life Sciences
- **Wmns 310** Women and Violence
- **Wmns/Engl 332** Women in African Literature
- **Wmns/Psyc 336** Psychology of Women
- **Wmns/Econ 337** Women in the Labor Market
- **Wmns/Psych 351** Women and Politics
- **Wmns/Rels 353** Emancipating Eve and Adam: The Women’s Movement in Religion
- **Wmns/Rels 355** Women and World Religions
- **Wmns/Anth 356** Women in Cross Cultural Perspective
- **Wmns/Econ 357** Women and Economic Development
- **Wmns/Math 363** Studies of Women in Mathematics
- **Wmns 375** EcoFeminism-Women’s Studies and Environmental Justice
- **Wmns/Phil 377** Philosophy and Feminism
- **Wmns/Hist 385** The History of Middle Eastern Muslim Women
- **Wmns/Hist 394** Studies in the History of Women
- **Wmns/Engl 396** Studies in Women’s Literature
- **Wmns 395** Directed Studies
- **Wmns/Soc 419** Sociology of Women
- **Wmns 422** 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/ES 436** Education of Girls and Women in the United States
- **Wmns 440** Lesbian Lives and Cultures
- **Wmns 447** Design and Domesticity
- **Wmns/Hist 473** American Women’s History to 1870
- **Wmns/Hist 474** American Women’s History Since 1870
- **Wmns/Span 482** Women in Spanish American Literature
- **Wmns 490** Feminist Analysis and Practices: Interdisciplinary Themes
- **Engl 496** Seminar in Women’s Literature

**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 A. Fessler (HHH-404) English.

**Women’s Studies Courses**

**WMNS**

**WMNS 100 U.S. Women’s Experience: Gender, Race, and Class**
3 crs. • F, Sp • GE-IIF; GE-IA • P: Not available for juniors or seniors. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Interdisciplinary introduction examining how issues of identity, body image, sexuality, relationships, work, welfare, health, crime, the environment, and global corporate economy are affected by the lived experience of gender, race, and class in the United States.

**WMNS 111 Gender, Race, Class, and Communication: The Social Construction of Identity**
3 crs. • V • CD1; GE-IA • P: Credit may not be earned in both CJ 111 and WMNS 111. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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 202 Women and Men in Society: The Sociology of Gender**
3 crs. • F, Sp, Su • CD3; GE-IWE • P: Credit may not be earned in both HIST 205 and WMNS 205. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of the history of women from precolonial 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 210 Culture of Third Wave Feminism**
3 crs. • F, Sp • CD1; GE-IWE • P: Credit may not be earned if taken after WMNS 280. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Explores third wave feminist culture which is defined by age—born 1964-1973—or by ideology: untrammeled 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. • Sp • CD3; GE-IWE 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-II; Special Course Fee Required; 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Offered</th>
<th>GE</th>
<th>P:</th>
<th>Open To All Majors</th>
<th>Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMNS 351</td>
<td>Women and the Mass Media</td>
<td>3 crs.</td>
<td>GE-IA</td>
<td>P: Credit may not be earned in both CJ 317 and WMNS 317. Minimum sophomore standing.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
<td>Reading, writing, and discussion about news coverage of women; language and gender; images of women in advertising; mass media careers for women; and women’s media. Emphasizes collaborative learning and research.</td>
</tr>
<tr>
<td>WMNS 332</td>
<td>Women in African Literature</td>
<td>3 crs.</td>
<td>FC</td>
<td>GE-IIE</td>
<td>P: Credit may not be earned in both ENGL 332 and WMNS 332.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 336</td>
<td>Psychology of Women</td>
<td>3 crs.</td>
<td>CDI</td>
<td>GE-IIIE</td>
<td>P: PSYC 100 and minimum sophomore standing.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 337</td>
<td>Women and the Labor Market</td>
<td>3 crs.</td>
<td>CDI</td>
<td>GE-IIB</td>
<td>P: Credit may not be earned in both ECON 337 and WMNS 337.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 296</td>
<td>Perspectives on Women’s Literature</td>
<td>3 crs.</td>
<td>V</td>
<td>CDI</td>
<td>GE-IVD</td>
<td>P: Credit may not be earned in both ENGL 296 and WMNS 296 unless topics differ.</td>
<td>Lecture/Discussion Hours: 3</td>
</tr>
<tr>
<td>WMNS 306</td>
<td>Women in Music</td>
<td>3 crs.</td>
<td>GE-IVA</td>
<td>P: Credit may not be earned in both MUSI 306 and WMNS 306.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
<td>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.</td>
</tr>
<tr>
<td>WMNS 309</td>
<td>Women in the Life Sciences</td>
<td>3 crs.</td>
<td>V</td>
<td>GE-IHA</td>
<td>P: Credit may not be earned in both BIOL 309 and WMNS 309. Minimum junior standing.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 310</td>
<td>Women and Violence</td>
<td>3 crs.</td>
<td>V</td>
<td>GE-IIE</td>
<td>P: No credit if taken after WMNS 480. Women and Violence.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 311</td>
<td>Discussion Supplement to WMNS 301-Examining Women’s Studies</td>
<td>1 crs.</td>
<td>V</td>
<td>GE-IV</td>
<td>May be repeated for a maximum of 6 credits</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 337</td>
<td>Women and the Mass Media</td>
<td>3 crs.</td>
<td>GE-IA</td>
<td>P: Credit may not be earned in both CJ 317 and WMNS 317. Minimum sophomore standing.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
<td>Provides an opportunity to work on the women’s studies certificate program requirements and see instructor for permission to enroll.</td>
</tr>
<tr>
<td>WMNS 332</td>
<td>Women in African Literature</td>
<td>3 crs.</td>
<td>FC</td>
<td>GE-IIE</td>
<td>P: Credit may not be earned in both ENGL 332 and WMNS 332.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 336</td>
<td>Psychology of Women</td>
<td>3 crs.</td>
<td>CDI</td>
<td>GE-IIIE</td>
<td>P: PSYC 100 and minimum sophomore standing.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 337</td>
<td>Women and the Labor Market</td>
<td>3 crs.</td>
<td>CDI</td>
<td>GE-IIB</td>
<td>P: Credit may not be earned in both ECON 337 and WMNS 337.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 338</td>
<td>Women and the Mass Media</td>
<td>3 crs.</td>
<td>V</td>
<td>GE-IV</td>
<td>May be repeated for a maximum of 6 credits</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>WMNS 306</td>
<td>Women in Music</td>
<td>3 crs.</td>
<td>GE-IVA</td>
<td>P: Credit may not be earned in both MUSI 306 and WMNS 306.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
<td>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.</td>
</tr>
<tr>
<td>WMNS 309</td>
<td>Women in the Life Sciences</td>
<td>3 crs.</td>
<td>V</td>
<td>GE-IHA</td>
<td>P: Credit may not be earned in both BIOL 309 and WMNS 309. Minimum junior standing.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Offered</td>
<td>Prerequisites</td>
<td>Notes</td>
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<tr>
<td>WMNS 375</td>
<td>EcoFeminism - Women's Studies and Environmental Justice</td>
<td>3 crs.</td>
<td>Sp</td>
<td>GE-IIIC; Field Trip(s) Required</td>
<td>P: No credit if taken after WMNS 433, when offered as Eco-Feminism. Lecture/Discussion Hours: 3</td>
<td>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.</td>
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<tr>
<td>WMNS 377</td>
<td>Philosophy and Feminism</td>
<td>3 crs.</td>
<td>Sp</td>
<td>GE-IIB; P: One course in philosophy or women’s studies</td>
<td>Credit may not be earned in both PHIL 377 and WMNS 377. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 A study of recent trends in feminist philosophy with emphasis upon feminist thinking in the areas of ethics, social philosophy, and theory of knowledge.</td>
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<tr>
<td>WMNS 385</td>
<td>The History of Middle Eastern Muslim Women</td>
<td>3 crs.</td>
<td>F, Sp, Su, GE-IVC</td>
<td>P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 365 and WMNS 385. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 This course will focus on both informal and formal definitions of schooling and society, examining the roles of women and girls in Middle Eastern Muslim culture.</td>
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<tr>
<td>WMNS 394</td>
<td>Studies in the History of Women</td>
<td>1-3 crs.</td>
<td>Sp</td>
<td>GE-IVC</td>
<td>May be repeated</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>WMNS 395</td>
<td>Directed Studies</td>
<td>1-3 crs.</td>
<td>F, Sp, Su</td>
<td>Not for GE</td>
<td>May be repeated</td>
<td>P: Minimum junior standing. Students may apply a maximum of six credits from WMNS 395 and 498 toward fulfillment of the requirements for the Women’s Studies minor. Department Consent Required 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 additional 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.</td>
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<tr>
<td>WMNS 396</td>
<td>Studies in Women’s Literature</td>
<td>3 crs.</td>
<td>F</td>
<td>GE-IVD</td>
<td>P: Credit may not be earned in both ENGL 396 and WMNS 396. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 Study of a particular problem, genre, or literary period within that literature written by or about women, such as &quot;Our Literary Foremothers&quot; or &quot;Jane Eyre's Literary Daughters&quot; (see current Class Schedule).</td>
<td></td>
</tr>
<tr>
<td>WMNS 419</td>
<td>Sociology of Women</td>
<td>3 crs.</td>
<td>F</td>
<td>CD1; Not for GE</td>
<td>P: SOC 101. Credit may not be earned in both SOC 419 and WMNS 419. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 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.</td>
<td></td>
</tr>
<tr>
<td>WMNS 422</td>
<td>Women’s Studies Advanced Travel Seminar</td>
<td>1-3 crs.</td>
<td>F</td>
<td>GE; HIIC, Special Course Fee Required; Field Trip(s) Required</td>
<td>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.</td>
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<tr>
<td>WMNS 431</td>
<td>Women and Communication</td>
<td>1-3 crs.</td>
<td>F</td>
<td>GE-IF</td>
<td>May be repeated for a maximum of 3 credits</td>
<td>P: Minimum junior standing. Addresses issues related to communication, women, and/or gender.</td>
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</tr>
<tr>
<td>WMNS 432</td>
<td>Women and Science</td>
<td>1-3 crs.</td>
<td>F, Sp, Su</td>
<td>GE-HF</td>
<td>May be repeated for a maximum of 3 credits</td>
<td>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.</td>
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<tr>
<td>WMNS 433</td>
<td>Women and Social Science</td>
<td>1-3 crs.</td>
<td>F</td>
<td>GE-IIIC</td>
<td>P: May be repeated for a maximum of 3 credits</td>
<td>P: Minimum junior standing. Addresses issues related to the social sciences, women, and/or gender.</td>
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<tr>
<td>WMNS 434</td>
<td>Women and the Humanities</td>
<td>1-3 crs.</td>
<td>F</td>
<td>GE-IVE</td>
<td>P: May be repeated for a maximum of 3 credits</td>
<td>P: Minimum junior standing. Addresses issues related to the humanities, women, and/or gender.</td>
<td></td>
</tr>
<tr>
<td>WMNS 436</td>
<td>Education of Girls and Women in the United States</td>
<td>2 crs.</td>
<td>F</td>
<td>CD1; GE-V</td>
<td>P: 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. Minimum junior standing. Lecture/Discussion Hours: 2</td>
<td>Lab/Studio Hours: 0 This course will focus on both informal and formal definitions of schooling and society, examining the roles of women and girls in United States.</td>
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<tr>
<td>WMNS 440</td>
<td>Lesbian Lives and Cultures</td>
<td>3 crs.</td>
<td>F</td>
<td>GE-IP, P: Minimum junior standing. Lecture/Discussion Hours: 3</td>
<td>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.</td>
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<tr>
<td>WMNS 447</td>
<td>Design and Domesticity</td>
<td>3 crs.</td>
<td>F</td>
<td>GE-IVC</td>
<td>P: Credit may not be earned in both HIST 473 and WMNS 473. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 An interdisciplinary study of factors which contributed to stereotypes of Perfect Woman and Mother. Visits to local 19th-Century homes reveal Domestic Spheres designed to reinforce class lines, impose morality, and gender space.</td>
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<tr>
<td>WMNS 473</td>
<td>American Women's History to 1870</td>
<td>3 crs.</td>
<td>F, Sp, Su</td>
<td>GE-IVC</td>
<td>P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 473 and WMNS 473. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 Experiments 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.</td>
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<tr>
<td>WMNS 474</td>
<td>American Women’s History Since 1870</td>
<td>3 crs.</td>
<td>F</td>
<td>GE-IVC</td>
<td>P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 473 and WMNS 474. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 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.</td>
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<tr>
<td>WMNS 482</td>
<td>Women in Spanish American Literature</td>
<td>3 crs.</td>
<td>F, Sp, Su</td>
<td>GE-IVC</td>
<td>P: Credit may not be earned in both HIST 482 and WMNS 482. Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0 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.</td>
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<tr>
<td>WMNS 490</td>
<td>Feminist Analysis and Practices: Interdisciplinary Themes</td>
<td>3 crs.</td>
<td>F</td>
<td>GE-IVC</td>
<td>P: WMNS 250, 301, and 305; or consent of instructor. Lecture/Discussion Hours: 3</td>
<td>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.</td>
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<tr>
<td>WMNS 496</td>
<td>Capstone Seminar for Women’s Studies</td>
<td>1-4 crs.</td>
<td>F</td>
<td>GE-IVC</td>
<td>P: WMNS 301, 305, and 311. Limited to women’s studies majors and minors. Department Consent Required Students will review what they have learned, discover and build connections among the many dimensions of their education, and synthesize what they learned to plan and complete a critical research capstone project.</td>
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<tr>
<td>WMNS 498</td>
<td>Women’s Studies Internship</td>
<td>1-3 crs.</td>
<td>F</td>
<td>GE-IVC</td>
<td>P: Three credits from WMNS courses. Minimum junior standing. Students may apply a maximum of six credits from WMNS 395 and 498 toward fulfillment of the requirements for the women’s studies minor. Department Consent Required Supervised application and examination of Women’s Studies theory in a professional setting related to the student’s area of interest.</td>
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</table>
Majors

COMPREHENSIVE MAJOR: BIOCHEMISTRY/MOLECULAR BIOLOGY, Liberal Arts (Code 430-001)

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. Passing grade 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 in 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 301, 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 doctorate 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.


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)
   Pols 110 American National Politics 3
   Psy 100 General Psychology 3
   Soc 101 Introduction to Sociology 3
   CRMJ/Soc 103 Survey of the Criminal Justice System 3

   Credits

II. Criminal Justice Core Courses (Minimum 30 credits)
   Phil 310 Philosophy of Law 3
   Poli 301 State and Local Politics 3
   Pols 338 Judicial Politics 3
   Poli 405 Due Process and Criminal Law 3
   Psy 265 Statistical Methods in Psychology I (3 crs.) or
   Soc 331 Sociological Data Analysis (3 crs.) or
   Math 246 Elementary Statistics (4 crs.) 3-4
   SW 309 Probation and Parole 3
   CRMJ 301 Criminology Theory 3
  CRMJ/Soc 302 Youth Crime and the Juvenile Justice System 3
   CRMJ 319 Police in Society 3
   CRMJ 342 Confinement and Corrections 3

   Credits

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 470; Pols 342, 350, 353; Psyc 245, 331, 332, 351; SW 285*, 385; Soc 312, 316, 321, 332, 351; Wmn 301.
   *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; Psy 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
   A. To provide an enriched educational experience for subsequent graduate study, professional activity, public life, or citizenship.
   B. To encourage concentrated study in selected areas in the field of criminal justice.
   C. To stimulate and challenge exceptional students to gain a better understanding of the issues, substantive content, research and theory in criminal justice.
   D. To develop capabilities for independent thought and constructive criticism.

II. Entrance Requirements
   A. 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.
   B. 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:
   A. Criminal justice major requirements.
   B. Six credits of independent study, approved by the student's honors committee.
   C. An honors examination.
   D. An honors research paper.

Criminal Justice Courses

CRMJ

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRMJ 103</td>
<td>Survey of the Criminal Justice System</td>
<td>3</td>
</tr>
</tbody>
</table>

3 crs.  F; Sp  GE-IIIG  P: No credit if taken after SOC 203. Credit may not be earned in both CRMJ 103 and SOC 103.

Lecture/Discussion Hours: 3  Lab/Studio Hours: 0

The fundamental concepts and contemporary issues associated with criminal law, policing, the judicial systems, and corrections are presented.
CRMJ 291 Special Topics
3 crs. • Not for GE • 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 • Not for GE • 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 theories of crime and criminal behavior.

CRMJ 302 Youth Crime and Juvenile Justice
3 crs. • F, Sp • GE-IIIC • P: CRMJ/SOC 103. Credit may not be earned in both CRMJ 302 and 302.
Examination of youth crime, what they do, and how they do it. Analyzes the complexity 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 • Not for GE • Field Trip(s) Required • P: CRMJ/SOC 103
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Examination of 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 • Not for GE • 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 • Not for GE • P: CRMJ/SOC 103
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 499 Independent Study - Seniors
1-3 crs. • F, Sp, Su • Not for GE • 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 together 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 will also 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 the College of Arts and Sciences Office (S-134).
COMPREHENSIVE MAJOR: MATERIALS SCIENCE, Liberal Arts

The field of materials science and engineering is the study of “condensed matter” (that is, solids and liquids), and how that understanding 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, 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.

A minimum of 64 credits, including completion of core courses and at least eight elective credits within the chosen emphasis.

Core courses:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MSCI 100</td>
<td>Introduction to Nanoscience and Materials</td>
<td>3</td>
</tr>
<tr>
<td>MSCI 234</td>
<td>Soft Materials</td>
<td>3</td>
</tr>
<tr>
<td>MSCI 300</td>
<td>Materials Science and Nanoscience</td>
<td>4</td>
</tr>
<tr>
<td>MSCI 355</td>
<td>Materials Characterization</td>
<td>4</td>
</tr>
<tr>
<td>MSCI 362</td>
<td>Materials Deposition and Processing</td>
<td>2</td>
</tr>
<tr>
<td>MSCI 363</td>
<td>Materials Deposition and Processing Lab</td>
<td>2</td>
</tr>
<tr>
<td>MSCI 382</td>
<td>Thermodynamics of Condensed Matter</td>
<td>4</td>
</tr>
<tr>
<td>MSCI 391</td>
<td>Materials Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>MSCI 480</td>
<td>Advanced Materials Lab</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles or</td>
<td>6</td>
</tr>
<tr>
<td>Chem 218</td>
<td>Introduction to Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
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<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 338</td>
<td>Physics of Solids</td>
<td>4</td>
</tr>
</tbody>
</table>

Additional notes:
2. Emphases available upon completion of course development: Nanoscience, Applied Materials, Biomaterials.
3. MSCI 312 is recommended for students planning on graduate school.

For advising, see Professors D. Dunham (P-142) Physics and Astronomy or M. McEllistrem (P-454) Chemistry.

Materials Science Courses

MSCI

**MSCI 100 Introduction to Nanoscience and Materials**

3 crs. • F, Sp • GE-II; LS • P: High school chemistry and high school physics. Credit may not be earned in both MSCI 100 and MSCI 310.

**CHEM 115** or **CHEM 115 (or CHEM 103 & 104)**: MSCI 100.

Lecture/Discussion Hours: 3 | 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 • Not for GE • P: CHEM 115 (or CHEM 301 & 104); MSCI 100.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of various amorphous materials (including polymers, composites, interpenetrating networks, dendrimers, and aerogels/hydrogels), self-assembling systems, liquid crystals, and light emitting/responsive materials.
MSCI 301 Introduction to Materials Characterization: Scanning Electron Microscopy  
1 cr. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 301 and MSCI 301.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 302 and MSCI 302.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 303 and MSCI 303.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 304 and MSCI 304.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  

MSCI 305 Introduction to Materials Characterization: X-ray Fluorescence  
1 cr. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 305 and MSCI 305.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
Current theories and methods in x-ray Fluorescence Spectroscopy. Preparation of samples, operation of x-ray spectrometers and data analysis.

1 cr. • Sp • Not for GE • P: PHYS 211 or 231; PHYS/MSCI 301 and 303. Credit may not be earned in both PHYS 306 and MSCI 306.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
Current theories and methods in transmission electron microscopy. Sample preparation, operation and data analysis.

MSCI 307 Introduction to Materials Characterization: Nanoindentation  
1 cr. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 307 and MSCI 307.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
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-HF • 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 355 Materials Characterization  
4 crs. • Sp • Not for GE • 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.

COMPREHENSIVE MAJOR: PHYSICAL SCIENCE  
Teaching (Code 240-004)  
Sixty semester credits, including Phys 226, 231, 232, 332, 340, 350 (25 credits); either Chem 113, 213, 235 and 326 and 420 (23 credits) or Chem 103, 104, 213, 218, 325 and 362 (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 D. Dunham (P-237) Physics and Astronomy, 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 357 adds Broadfield Science licensure to the Physical Science major: Biol 100 and 151 or Biol 110 and 111, and eight credits from Geol 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. Math 493 and at least nine credits selected from mathematics courses numbered above 310. 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 D. Dunham (P-237) Physics and Astronomy, 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 357 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. Ids 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 124, 125, 201, 202, 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 1**: In addition to the 60-credit major, students must complete Geog 178 or Biol 180 (in GE-II) and Psy 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.

**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 (Gkr); 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anth 169</td>
<td>Introduction to Archaeology</td>
<td>3 crs</td>
</tr>
<tr>
<td>ArtH 111</td>
<td>Art History Survey I</td>
<td>3 crs</td>
</tr>
<tr>
<td>ArtH 315</td>
<td>Ancient Greek, Etruscan, and Roman Art</td>
<td>3 crs</td>
</tr>
<tr>
<td>ArtH/AIS 335</td>
<td>Precolombian Art of Mexico and Central America</td>
<td>3 crs</td>
</tr>
<tr>
<td>Fltr 250</td>
<td>Classical Mythology</td>
<td>3 crs</td>
</tr>
<tr>
<td>Phil 235</td>
<td>Ancient Philosophy</td>
<td>2 crs</td>
</tr>
<tr>
<td>Rels 230</td>
<td>Old Testament</td>
<td>3 crs</td>
</tr>
<tr>
<td>Rels 240</td>
<td>New Testament</td>
<td>3 crs</td>
</tr>
<tr>
<td>Rels 303</td>
<td>Early Christianity</td>
<td>3 crs</td>
</tr>
</tbody>
</table>

**Category B**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fltr 360</td>
<td>Readings in Ancient Literature</td>
<td>3 crs</td>
</tr>
<tr>
<td>Hist 280</td>
<td>History Travel Seminar</td>
<td>1-3 crs</td>
</tr>
</tbody>
</table>

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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.

Elective list: At least one course outside of the student’s major selected from the elective list. Additional courses selected from those listed above or from the options below to reach a total of 24 credits.

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, Eng 110, Hurs courses, Ids 151-155, Ids 351-355, and Nrsr 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 Professor M. Waters (HHH-358) Foreign Languages.

LIBERAL ARTS
MINOR: ENVIRONMENT, SOCIETY, AND CULTURE, 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.

Elective list: At least one course outside of the student’s major selected from the elective list.

Additional courses selected from those listed above or from the options below to reach a total of 24 credits.

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, Eng 110, Hurs courses, Ids 151-155, Ids 351-355, and Nrsr 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 Professor M. Waters (HHH-358) Foreign Languages.
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  Geochmistry, 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  Field Experience in Conservation Biology, 1 cr
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 R. Hooper (P-153) Geology, P. Kleintjes Neff (P-337) Biology, E. Weiper (P-353) Biology, or G. Running (P-253) Geography and Anthropology.

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 470  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 Aged
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; Rel/Wmns 353  Emancipating Eve and
Adam: The Women’s Movement in Religion; Rel/Wmns 355  Women
and World Religions; 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; Rel/Wmns 100  Introduction to the Religions of the World; Rel/Wmns 210  Religion and Morality; SW 315  Aging and the Aged; SW 358  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, Rel/Wmns, and Soc/Wmns courses will count as Anth, Rel, 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, 336, 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, 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 multidisciplinarity, 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 or
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, 351; Rel/Wmns 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 employment in multinational companies, governmental agencies, education, social work, and health service organizations.

To be awarded the minor, in addition to the 24 semester credits required, students also must have foreign language competency at the 102-level.

Twenty-four semester credits, including:

**Core Courses (12 credits):**
- Econ 104 Principles of Macroeconomics
- Hist 125 World History Since 1500 or Hist 192 Origins of Current World Conflicts
- Pols 102 Introduction to Politics or Pols 122 Introduction to World Politics
- Anth/AIS 161 Introduction to Cultural Anthropology or Geog 111 Human Geography or Rels 100 Introduction to the Religions of the World or 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, 351, 355, 422, 463; Anth/Wmns 356
- Arth 201, 225; Arth/H/ AIS 324, 335
- CJ 301, 319
- Econ 341, 351, 353, 355; Econ/LAS 356
- Engl 332
- Nsr 213 (meets University Wellness requirement)

**Foreign Languages:** Fren 355; Germ 352, 353; Span 353, 356, Span/LAS 352
- Geog 301, 308
- Idis 325
- Musi 225, 300, 303
- Nss 389, 448
- Pols 121, 260, 265, 318, 321, 322, 323, 325, 327, 331, 334, 335, 390; Pols/LAS 319, 320
- Rels 304, 307, 309, 312, 314, 323, 350, 351; Rels/AIS 330

**NOTE:** With the exception of Econ 351, 353, 355; Musi 303; Nss 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.)


**MINOR: LANGUAGE ARTS**, Middle Childhood/Early Adolescence (Code 930-402)

Consisting of studies in Communication, Communication Sciences and Disorders, English, Education, Psychology, 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 125, 150 or 244 or 245, 302; CJ 205; ES 316. Six credits selected from Engl 201, 220, 325; Lmed 306; Psy 378; 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, see Professor T. Lindsey (B-274) Education Studies.

**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
- CSD 378 Psychology of Language

**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

**Language Arts:** 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**
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.
- Econ 341 Evolution of Economic Systems
- Engl 130 Introduction to World/Postcolonial Literature
- Geog 308 Russia and Eastern Europe
- Hist 371 History of the Modern Balkans
- Hist 374 Imperial Russia, 1682-1894
- 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. Hist 124 or 125, and 201 or 202
- B. Geog 111
- C. Psyc 245 or Soc 321
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 Practice
Engl 125 English Grammar and Usage or Engl 221 The English Language
Psyc 378 The Psychology of 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 CI 493 is taken for more than one credit or Flg 375 is taken for three 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.)

D. Econ 201
E. Soc 101
F. Six credits chosen from two of the following courses: Anth 315, Anth/AIS 325, Anth/Wmns 356; Econ 268, 330, 360, Econ/Wmns 337; Geog 301, 308, 325, 379; Hist 470, 480, Hist/AIS 240, 482, Hist/Wmns 205; Pols 122, 260, 311, 341, 342, 350; Psy/C/WMNS 336, Psy/C 346; Soc 310, 312, 316.

For advising, see Professor J. Worley (B-290) Education Studies.

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 ESL 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 125 English Grammar and Usage or 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 or 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-four semester credits, including Anth 315; ES 320, 408; CSD 262; Engl 125, 221; Flg 378, 400; and Psyc 378.

Middle Childhood/Early Adolescence (Code 550-409)
ES 405/605 (TESOL Methods) and ES 406/606 (TESOL Practicum: Grades 1-9). 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)
ES 405/605 (TESOL Methods) and ES 407/607 (TESOL Practicum: Grades 6-12). 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 TESOL in Early Adolescence through Adolescence classrooms.

Early Childhood/Adolescence (Code 550-410)
ES 405/605 (TESOL Methods), ES 406/606 (TESOL Practicum: Grades 1-8), and ES 407/607 (TESOL Practicum: Grades 6-12). 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 J. P. Pastrana (B-274) 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/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 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.

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 • DEVED: Not for GE. Special Course Fee Required • May be repeated for a maximum of 3 credits • No S/U Grade Option • P: No credit toward any major or minor. Elective credit only • Department Consent Required

An integrated program introducing students to University resources and college-levee 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 • DEVED; Not for GE • P: No credit toward any major or minor. Elective credit only • Department Consent Required

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

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 • DEVED; Not for GE • P: No credit toward any major or minor. Elective credit only • Department Consent Required

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

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 • DEVED; Not for GE • P: No credit toward any major or minor. Elective credit only. Eligibility for ENGL 110 when taken concurrently with ENGL 140. • Department Consent Required

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

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 • DEVED; Not for GE • May be repeated for a maximum of 2 credits • P: No credit toward any major or minor. Elective credit only • Instructor Consent Required

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

A course designed to increase retention and graduation of students on probation or suspension by identifying factors leading to academic difficulty, assessing academic strengths and weaknesses, building critical thinking strategies, and creating student development plans.

**GEN 201 Student Success Seminar**

1 cr. • F, Sp • DEVED; Not for GE • 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, interpretation of self-assessment instruments, occupational research techniques, examination of a liberal arts-based education, and goal-setting strategies.

**GEN 250 Academic and Career Exploration**

1 cr. • F, Sp • DEVED; Not for GE; Special Course Fee Required • 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.

**HUMS**

**HUMS 101 Arts and Ideas in Early Modern Times**

3 crs. • F • GE-IVE

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Coordinated 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. • GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Coordinated Department: English

Hold on to your hats! 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. • Sp • 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. • Sp even years • 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. • 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. • CD3; GE-IVE
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Coordinating Department: English
Examines intersections of themes and concerns expressed in music, literature, 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. • Sp • 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.

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; Not for GE • 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 • FC; GE-IVE • 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.
An interdisciplinary introduction to the broad cultural and historical developments within British society from the earliest times to the present. Regional field trips required.

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 study abroad 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 Directed Studies
1-3 crs. • FC; Not for GE • 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; Not for GE • May be repeated • Department Consent Required

INTS 498 International Education Internship
1-6 crs. • F, Sp, Su • SO; IN; Not for GE • 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; Not for GE • 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 300 Summer Session in Mexico
6-7 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.
A summer session at the Monterey Institute of Technology and Higher Studies. Courses in Latin American civilization, history, literature, and art are offered for students having completed at least five semesters of university Spanish. Beginning, intermediate, and advanced intensive Spanish language courses are also offered. A member of the UW-Eau Claire Spanish faculty accompanies the group and teaches one course. Students live with host families. Prior knowledge of Spanish is not required for enrollment in intensive language courses.
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 2.80. Minimum sophomore standing. • Department Consent Required
• Individual courses may apply toward GE, if appropriate. The French academic calendar runs from October through February for the Fall semester, so 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 Global 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 Jose, 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 may 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 2.80. Minimum sophomore standing. • Department Consent Required
• Individual courses may apply toward GE, if appropriate. This unique Latin American studies program based in Bagaces/Costa Rica and Granada/Nicaragua focuses on the contrasts between urban and rural societies in Latin America. Students will take two Spanish classes at an appropriate level (beginning to advanced) and two Latin American studies courses in English. Field trips and a two-week service-learning project are included in the program. Students will live with host families.

INTA 316 Central European Travel Seminar
3 crs. • Su • Not for GE: 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 courses 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. 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: A minimum of one year college level Spanish or equivalent. 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. 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. 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 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 the 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/so- ciology, 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 2.75. 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, Af- rican studies, agriculture, arts, business, geography/resource development, his- tory, 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.
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, of- fered 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 Col- lege Thessaloniki (ACT) in Greece. Students take courses in business and econ- omics, 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. Stu- dents 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.
Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

INTA 369 University of Stirling, Stirling, Scotland
5 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 attend one of three campuses to take a total of nine credits. Students live in university residence halls.

INTA 399 University of Evangeline, St. Martinville, Louisiana
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. Three credits of the Foreign Language/Foreign Culture requirement waived upon program completion.
A five-week, summer study abroad program at the University of Stirling in Scotland. Students attend one of three campuses to take a total of nine credits. 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: 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 partici- pants earn 12-16 credits toward their Spanish major or minor. Students live with Spanish 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. Minimum sophomore standing.  •  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 Univer- sity 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 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 Stirling in Stirling, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

INTA 401 University of Aberdeen, Aberdeen, Scotland
5 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.
This Baltic/East European Studies program is offered through the University of Latvia. Students will attend either the University of Latvia or Massey University 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 attend one of three campuses to take a total of nine credits. Students live in university residence halls.

INTA 403 ISEP-Peking University, China
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. Intensive Chinese language study (Mandarin), beginning through advanced. Course are specifically designed for English speakers rather than students whose first language is character-based; no previous Chinese is required. Stu- dents live in foreign student housing.

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 cours- es. 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  •  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. Faculty members can propose different six-week programs for summer ses- sion. Exact information on what programs will be offered will be published by the Center for International Education.
INTX 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 a variety of university courses or in a special program for international students. Students will live in shared apartments with other students.

INTX 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.  
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.

INTX 412 ISEP-South Africa, University of Stellenbosch  
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.  
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 residency halls.

INTX 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.

INTX 415 Marburg, Germany  
12-18 crs.  •  F, 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.  
This spring program at Studienkollege Mittelhessen, University of Marburg, Germany, immerses students in German language and culture. Regional excursions are included. Students live in residence halls.

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 students. Students live in apartments or dormitories. Five $2,000 scholarships are available to accepted students.

INTX 319 Istem Spanish-Mexico  
6-9 crs.  •  Special Course Fee Required  •  May be repeated for a maximum of 27 credits  •  A-F Grades Only  •  P: Minimum resident and total GPA of 2.30. Minimum sophomore standing.  •  Department Consent Required  
An exchange program for one semester or the academic year. Students may choose from courses for international students or regular university students. Students live in university residences, apartments, or with host families.

INTX 320 Instituto Tecnologico-Monterrey, Mexico  
12-18 crs.  •  F, Sp  •  FC, Special Course Fee Required  •  May be repeated  •  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.  
An exchange program for one semester or the academic year at one of three ITSM campuses in Mexico: Guanavaca, Monterrey, or Queretaro. Students may choose from courses for international students or regular university students. Students live in university residence halls, apartments, or with host families depending on the campus they attend.

INTX 325 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, Sp  •  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 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.

INTX 344 Ajou University, South Korea  
7 crs.  •  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.  
Students attend classes 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 3.00. 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  
7 crs.  •  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 in Sweden. 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 HFS-Fuld  
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: 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 Giessen. 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 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 in residence halls.

INTX 392 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 393 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 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, Su • 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 396 University of Stirling, Stirling, Scotland
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 Universität-Braunschweig, Germany and the Management Center Innsbruck, Austria. They will also participate in academic field trips. Housing is in university residences.

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.

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 399 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 400 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 401 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.
Art & Design
HAAS FINE ARTS 104
(715) 836-3277
www.uwec.edu/Lists/Acad.htm

CHRISTOS THEO, CHAIR

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, graphic design, illustration, painting, 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)
Thirty-six semester credits, including:
3. Studio Sequence: nine credits. Choose one three-course sequence from one of the following studio areas:
   - Ceramics: Art 357, 358, 358
   - Drawing: Art 240, 340, 402, or 240, 341, 441
   - Metals: Art 367, 368, 405
   - Painting: Art 244, 344, 349, or 247, 347, 349
   - 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, 405

4. Electives in any studio Art or Art History courses: six credits.

Art History Emphasis (Code: 020-209)
Thirty-six semester credits, including:
1. ArtH Core Courses: 18 credits: ArtH 111, 112, 315, 319, and 201
2. Non-Western Art History Requirement: three credits: ArtH 324 or 335 or 337
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 ex-
ce credit for 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: 15 credits should be completed in the first year of study, Art 107, 108, 109, 110; ArtH 201.
2. Studio Requirement: 21 credits, including Art 244, 249, 264, 281, 312, 357, 367.
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 Graphic Design, Illustration, Photography, Painting, Sculpture, Printmaking, Drawing, and Ceramics, as well as for art majors who are planning to attend graduate school.

Minimum seventy-five semester credits, including:
1. Foundations Courses: 15 credits should be completed by all majors in the first year of study, Art 107, 108, 109, 110; ArtH 201.
2. One of the emphases described below.
3. Electives in each emphasis must include one course in each of four studio areas outside the emphasis. These must include both two-dimensional and three-dimensional studio art areas except for graphic design electives which must include one course in each of any four studio areas outside the emphasis.

Graphic Design (Code 020-012)

Art 274, 275, 276, 281, 374, 375, 376, 476 (three crs.); ArtH 111, 112, 225, and three credits of Art History electives; 21 credits of electives in studio or Art History; (Art 382, 474 recommended).

Illustration (Code 020-019)

Art 240, 244; one of these four courses: [250, 251, 252, 253]; and 312, 332, 341, 342, 443; ArtH 211, 212, 334, and six credits of Art History electives (ArtH 225, 333 recommended); 24 credits of electives in studio or Art History; (Art 281, 340, 402 recommended).

Photography (Code 020-018)

Art 281, 381, 382, one of these two courses: [383, 384], 481 (six crs.), 481 or 402 for an additional three credits; ArtH 111, 112, 227, and three credits of Art History electives; 27 credits of electives in studio or Art History.

Painting (Code 020-016)

Art 240, 244, 247, 344, 347, 348, 349, 402 (three crs.); ArtH 111, 112, 333, and three credits of Art History electives; 24 credits of electives in studio or Art History; (Art 264, 340 or 341, 441 recommended).

Sculpture (Code 020-017)

Art 264, 341, 357, 364, 367, 405 (nine crs.); ArtH 111, 112, 333, and three credits of Art History electives; 24 credits of electives in studio or Art History.

Ceramics (Code 020-011)

Art 264, 357, 358, 488 (nine crs.), 405 (three crs.); ArtH 111, 112, 333, and three credits of Art History electives; 27 credits of electives in Studio or Art History; (Art 240 or 341 recommended).

Drawing (Code 020-020)

Art 240, 340, 278; 341 or 378; 441 or 478; 402 (three crs.); 244 or 247; 249 or any 200-level printmaking; 27 credits of electives in studio or Art History; additional Art History requirements: ArtH 111, 112, 333.

Printmaking (Code 020-021)

Art 240, six credits selected from Art 250, 251, 252, 253; and six credits selected from Art 350, 351, 352, 353, 402 (six crs.); ArtH 111, 112, 333 and three credits of Art History electives; 27 credits of electives in studio or Art History; (Art 341 recommended).

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. Students in the B.F.A. program must participate in a B.F.A. Review and Senior Review.
3. 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 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 367.

ART

ART 105 Introduction to the Visual Arts

3 crs. • GE-IVA
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• No credit toward a major or minor in art.
• Not for art majors or minors.
A studio course developing awareness of art forms through studio experience in various media.

ART 106 Introduction to the Visual Arts (Studio)

2 crs. • F, Sp • 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 • Not for GE; Special Course Fee Required • A-F Grades Only
• P: Limited to art majors and minors and pre-architecture students. No credit if taken after ART 101. 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 • Not for GE; Special Course Fee Required • A-F Grades Only
• P: Limited to art majors and pre-architecture students. No credit if taken after ART 101. 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 109 Foundations: Life Drawing

3 crs. • F, Sp • Not for GE; Special Course Fee Required • A-F Grades Only
• P: ART 107. Limited to art majors and pre-architecture students. No credit if taken after ART 102. Not available for juniors or seniors.
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6
Drawing the human figure from life in a variety of media and styles.
ART & DESIGN

ART 110 Foundations: Three-Dimensional Art
3 crs. • E, Sp. • Not for GE; Special Course Fee Required • A-F Grades Only
• P: Limited to art majors and pre-architecture students. No credit if taken after ART 102. 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 II
3 crs. • Sp. • Not for GE; Special Course Fee Required • P: ART 107, 108, 109, or department approval.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 5
An intermediate drawing class designed for students to experiment with contemporary approaches to drawing in a variety of media.

ART 244 Painting I
3 crs. • Not for GE; 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. • Not for GE; Special Course Fee Required; Field Trip(s) Required • P: ART 107 and 108. No credit if taken after ART 347.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 5
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. • Not for GE; Special Course Fee Required • P: ART 107, 108, 109, or department approval.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 5
• 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. • Not for GE; Special Course Fee Required • P: ART 107, 108, 109, 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. • Not for GE; Special Course Fee Required • P: ART 107, 108, 109, or department approval.
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6
An introductory studio course in print making on paper from inked incisions of a variety of base plates.

ART 252 Printmaking - Serigraphy-Beginning
3 crs. • Not for GE; Special Course Fee Required • P: ART 107, 108, 109, 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. • Not for GE; Special Course Fee Required • P: ART 107, 108, and 109, 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. • E, Sp. • Not for GE; Special Course Fee Required • P: ART 109 and 110 or consent of instructor.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 5
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. • Not for GE; Special Course Fee Required • P: ART 107 or departmental approval. CS 100 recommended. Web Design minors need only instructor's permission. • Department Consent Required
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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: Typographics
3 crs. • Sp. • Not for GE; Special Course Fee Required • P: ART 274
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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: Symbology
3 crs. • Sp. • Not for GE; Special Course Fee Required • P: ART 274
Studio course investigating the potential of symbolic imagery. Visual metaphors (simple to complex) and their significance to graphic communications are applied. Visitations to studios and agencies involved with the production of such imagery can be expected.

ART 278 3-D Computer Modeling
3 crs. • F. • Sp. • Not for GE; Special Course Fee Required • P: ART 107, 109, 110, or consent of instructor. No credit if taken after ART 491 titled Comp 3-D Animation.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
An introductory course exploring 3-D computer imagery, 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. • Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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. • Not for GE; 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. • Not for GE; Special Course Fee Required • P: ART 105 or 106 and 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. • Not for GE; 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: 3 | Lab/Studio Hours: 3
An entry level art education course for students considering becoming art educators. It is studio and lecture based. Theories and practices from art education praxis will be introduced and applied to teaching and learning.

ART 312 Computer Graphics
3 crs. • GE-FVA; Special Course Fee Required • P: CS 100 recommended.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3
• For students in art education, general fine arts, and non-art majors. No credit for students majoring in graphic design.
Beginning concepts in typography, illustration, and page layout taught with current professional software and computers.

ART 332 Illustration I
3 crs. • Sp. • Not for GE; Special Course Fee Required • No S/U Grade Option • P: C+ or above in either ART 240 or 341. C+ or above in either ART 244 or 247. Limited to art majors and minors. No credit if taken after ART 342.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3
An introduction to the world of illustration as a means of visual communication. Coursework will focus on exploration of various media and approaches to making images, and finding the link between a picture and the message. Slide shows of past and contemporary illustrators and visiting artists will supplement the course content.
ART 340 Drawing III
3 crs.  •  F  •  Not for GE; Special Course Fee Required  •  P: ART 110 and 240 or department approval.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 6
Studio course emphasizing unique personal approaches, techniques, and skills using various drawing media. Includes both figurative and nonfigurative expression.

ART 341 Life Drawing II
3 crs.  •  F  •  Not for GE; Special Course Fee Required  •  P: ART 109 and 110.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 6
Studio course emphasizing personal expression in drawing the human body.

ART 342 Illustration II
3 crs.  •  Not for GE; Special Course Fee Required  •  P: C+ or above in ART 332.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 3
Intermediate level studio course focusing on developing a stronger sense of imagery, further exploration of imagery and processes, and a greater unity between concept and application. All work is based on actual manuscripts and print formats. Artist lectures are supplemental.

ART 344 Painting II
3 crs.  •  Not for GE; Special Course Fee Required  •  P: ART 110 and 244.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 6
Studio course for advanced students emphasizing individual direction and personal development of ideas in chosen painting media.

ART 347 Water-Media II
3 crs.  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  P: ART 110 and 247.
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 5
Intermediate course focusing on work on paper. All work is done using water based media. Development is measured through a keener understanding of the visible world through studio projects.

ART 348 Advanced Water-Media
3 crs.  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  P: At least a grade of C+ or above in ART 347.
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 5
This course focuses on a greater understanding of the media in relation to observed phenomenon and formal concerns, and the development of a distinct body of work. Exploration of various processes and imagery is encouraged.

ART 349 Painting III
3 crs.  •  Not for GE; Special Course Fee Required  •  P: ART 344
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 6
Continuation of Art 344. Further exploration and development of conceptual and technical skill in oil and acrylic paint.

ART 350 Printmaking - Relief-Intermediate
3 crs.  •  Not for GE; 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.  •  Not for GE; 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.  •  Not for GE; 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.  •  Not for GE; 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 Ceramics I
3 crs.  •  Not for GE; Special Course Fee Required  •  P: ART 110 or consent of instructor. Limited to art majors and minors.
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.  •  Not for GE; 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 Sculpture II
3 crs.  •  Not for GE; Special Course Fee Required  •  P: ART 264
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 5
Continues to explore sculptural techniques and concepts with emphasis on individual personal statements.

ART 367 Metalsmithing I
3 crs.  •  F, Sp  •  Not for GE; Special Course Fee Required  •  P: ART 110 or consent of instructor.
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 5
A studio course which continues to explore the nature of metals. Small scale metal fabrication, lost wax casting, and stone setting are explored with emphasis on individual personal statements.

ART 374 Graphic Design IV: Advanced Typographies
3 crs.  •  F  •  Not for GE; Special Course Fee Required  •  P: ART 275 and 276.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 4
Studio course applying the advanced principles of typographical design and relationships to graphic communications.

ART 375 Electronic Media Design I: Information Environments
3 crs.  •  Not for GE; Special Course Fee Required  •  May be repeated for a maximum of 6 credits  •  P: ART 275
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 4
Studio course exploring the potential of print related design, pre-press capabilities, related graphic software, and the introduction of multimedia interface design.

ART 376 Graphic Design V: Editorial Concepts
3 crs.  •  Not for GE; 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. Visitation 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  •  Not for GE  •  P: ART 278
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 4
Expanded 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.  •  Not for GE; Special Course Fee Required  •  P: ART 281
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 4
Continued development of photography skills. 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  •  Not for GE; Special Course Fee Required  •  P: ART 281 or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 3
Practicum technical digital photography, 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  •  Not for GE; Special Course Fee Required  •  P: ART 281 or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 3
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 and personal visions.
ART & DESIGN

ART 284 Artist Books: Image & Text
3 crs.  •  F  •  Not for GE; Special Course Fee Required  •  No S/U Grade Option  •  P: Any 200-level course in studio art.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 3
Interdisciplinary exploration of art in the book form. Examines the conventions of the written word, the image, and the text relations. Explores book structures and designs through bookbinding demonstration and hands-on practices.

ART 395 Directed Studies
1-3 crs.  •  F, Sp, Su  •  Not for GE  •  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  •  Not for GE  •  May be repeated  •  P: Minimum junior standing  •  Department Consent Required
Individual research projects under the direction of a faculty member.

ART 402 Advanced Two-Dimensional Studio
1-3 crs.  •  F, Sp  •  Not for GE  •  May be repeated for a maximum of 9 credits  •  P: Minimum junior standing.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 6  •  See Note 1.
Topical projects and investigation of personal concepts through a variety of two-dimensional media.

ART 404 Advanced Studio - Art Education
1-6 crs.  •  F, Sp  •  Not for GE  •  May be repeated for a maximum of 12 credits  •  P: ES 350 or 354 or consent of instructor  •  Department Consent Required
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0  •  See Note 1.

ART 405 Advanced Three-Dimensional Studio
1-3 crs.  •  F, Sp  •  Not for GE  •  May be repeated for a maximum of 9 credits  •  P: Minimum junior standing.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 6  •  See Note 1.
Topical projects and investigation of personal concepts through a variety of three-dimensional media.

ART 411 Advanced Studio - Life Drawing
3 crs.  •  Sp  •  Not for GE; Special Course Fee Required  •  P: Grade of C+ or above in ART 341  •  Department Consent Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 5  •  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 413 Advanced Studio - Illustration
3 crs.  •  Not for GE; Special Course Fee Required, Field Trip(s) Required  •  P: Grades of C+ or above in ART 240, 244 or 247, 341, 342  •  Department Consent Required
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 3  •  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 414 Advanced Ceramics
3 crs.  •  Not for GE; Special Course Fee Required  •  May be repeated  •  P: ART 358  •  Department Consent Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 5
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 417 Electronic Media Design II: Multi-Media Interface Concepts
3 crs.  •  Not for GE; 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: 2  |  Lab/Studio Hours: 4
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 418 Graphic Design VI: Advanced Graphic Communication
1-6 crs.  •  F  •  Not for GE; SL; Special Course Fee Required  •  May be repeated  •  P: ART 376 or consent of instructor  •  Department Consent Required
Lecture/studio course involving the use of practical and client-based projects related to print, packaging, multimedia interface, and/or photo-related solutions. Informational interviews with portfolio presentations will be required. Visitation to studios and design agencies can be expected.

ART 477 Graphic Design VII: Advanced Portfolio Development
3 crs.  •  Sp  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  P: ART 376. Limited to graphic design majors.
Lecture/Discussion Hours: 4  |  Lab/Studio Hours: 2
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  •  Not for GE  •  P: ART 378
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 4
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.  •  Not for GE; 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.  •  Not for GE  •  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.  •  Not for GE; SL 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  •  Not for GE  •  IN  •  May be repeated for a maximum of 6 credits  •  P: Limited to art majors  •  Department Consent Required
Internship 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  •  Not for GE  •  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-JVA; 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.  •  Sp  •  FC; GE-JVA
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.  •  F  •  GE-JVA  •  ART 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  •  GE-JVA
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.  •  Not for GE  •  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.  •  GE-Iva; Field Trip(s) Required  •  P: ARTH III
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.  •  GE-Iva  •  P: ARTH II
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.  •  GE-Iva  •  P: ARTH II
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.  •  FC; CD2; GE-Iva; Field Trip(s) Required  •  P: One AIS or ARTH or ART course or consent of instructor. Credit may not be earned in both ARTH 324 and AIS 324. Minimum sophomore standing.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A survey of North American Indian artwork in contemporary and historical contexts.

ARTh 327 Nineteenth Century Art
3 crs.  •  GE-Iva  •  P: ARTH II
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Study of the architecture, sculpture, and painting during the nineteenth century.

ARTh 333 Art Since 1955
3 crs.  •  Sp  •  FC; GE-Iva
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Investigation, study, and discussion of painting and sculpture related to significant movements and individuals of the recent past and present.
**Biology**

**Phillips 330**  
(715) 836-4166  
www.uwec.edu/Lists/Acad.htm

**Wilson Taylor, Chair**

**Julie Anderson, Winnifred Bryant, Rodolfo Buser, Christina Chan-Weiher, Chris Floyd, Deb Freund, Mitchell Freymiller, Derek Gingerich, Lois Helland, Daniel Herman, Erin Housek, Daniel Janik, Lynn Janik, Michelle Ketler, Paula Kleintjes Neff, Susan Krueger, Tali Lee, David Lonzarich, Jamie Lyman-Gingerich, Kelly Murray, Joseph Rohrer, Sasha Showsh, Lloyd Turtinen, Evan Weber, Michael Weil, Todd Wellnitz.**

**Honor Societies and Student Organizations:**

Biology Club is a student organization for those interested in Biology. Beta Beta Beta Honor society, dedicated to improving the understanding and appreciation of biological study and extending the boundaries of human knowledge through scientific research. This two organizations meet jointly on a monthly basis. 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. www.uwec.edu/biology/bioclub

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 advanced 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 will assist students in identifying career possibilities consistent with their interests and abilities in the life sciences.

**Core Requirements for All Biology Majors**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecology and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>Essentials of Cell Biology and Genetics</td>
<td>4</td>
</tr>
<tr>
<td>Organismal Form and Function</td>
<td>5</td>
</tr>
<tr>
<td>Capstone Experience*</td>
<td>minimum 1</td>
</tr>
<tr>
<td>Total Core Requirements</td>
<td>14</td>
</tr>
</tbody>
</table>

*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.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biol 383 Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>Field Experience, selected in consultation with the student’s academic adviser</td>
<td>1-4</td>
</tr>
<tr>
<td>summer offerings at a biological field station, or other approved field experience.</td>
<td></td>
</tr>
</tbody>
</table>

**Categorical Courses**: 22-26

- **Form and Function**: At least one course from Biol 301, 302, 304, 317, 322, 333
- **Organismal Diversity**: At least two courses from Biol 311, 325, 331, 332, 340, 345, 352, 361, 362, 369, 379, 381, 410
- **Ecology and Behavior**: At least two courses from Biol 328, 330, 338, 365, 375, 376, 425

**Physical Sciences**: 12

Select from Geog 200, 304, 335, 338, 350, 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.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biol 302 Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>Biol 304 Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>Biol 361 Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>Biol 402 Virology and Immunology</td>
<td>4</td>
</tr>
<tr>
<td>Chem 325 Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>Chem 326 Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>Chem 352 Fundamentals of Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>14</td>
</tr>
</tbody>
</table>

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.
### Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biol 302 Cell Biology or</td>
<td></td>
</tr>
<tr>
<td>Biol 304 Molecular Biology</td>
<td>3-4</td>
</tr>
<tr>
<td>Biol 301 Comparative Vertebrate Anatomy and</td>
<td></td>
</tr>
<tr>
<td>Biol 317 Animal Physiology or</td>
<td></td>
</tr>
<tr>
<td>Biol 322 Plant Anatomy and</td>
<td></td>
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<tr>
<td>Biol 333 Plant Physiology</td>
<td></td>
</tr>
<tr>
<td>Biol 383 Biostatistics or</td>
<td></td>
</tr>
<tr>
<td>Math 246 Elementary Statistics</td>
<td>3-4</td>
</tr>
<tr>
<td>Chem 325 Organic Chemistry I with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>Chem 326 Organic Chemistry II with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>Chem 352 Fundamentals of Biochemistry</td>
<td></td>
</tr>
<tr>
<td>Categorical Courses</td>
<td>15</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organismal Diversity: Select from Biol 311, 325, 326, 331, 332, 340, 345, 352, 356, 361, 362, 369, 379, 381, 410</td>
<td></td>
</tr>
</tbody>
</table>

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, 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.

#### MAJOR: BIOLOGY, Teaching (Code 80-205)

Thirty-six semester credits, including:

1. **Core Requirements for all majors, above.**
2. Biol 214 and 314 OR Biol 301 and 317.
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.
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.

### 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 215, 218, 325; (2) Phys 211 and 212 or 231 and 232; additional credits above 212; (3) one of Geol 106, 110, 115, or 130 and 131; 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 130 and 131; Geog 104; and Phys 226 or 229.

### 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.

### COMPREHENSIVE MAJOR: BIOCHEMISTRY/MOLECULAR BIOLOGY

Liberal Arts (Code 090-001)

See Multidisciplinary Programs.

**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.

### BIOLOGY

#### BIOL 100 General Biology

4 crs. • E, Sp, Su • GE-B:IA; 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 especially designed for elementary/special education students who are likely to pursue a career in fields other than the biological or medical sciences.
BIOLOGY

BIO 110 Ecology and Evolution
4 crs. • F, Sp • GE-HA; LS • Special Course Fee Required; Field Trip(s) Required
• No S/U Grade Option • P: MATH 109 or concurrent enrollment, or placement into MATH above 109.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 3
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.

BIO 111 Essentials of Cell Biology and Genetics
4 crs. • F, Sp • GE-HA; LS • No S/U Grade Option • P: BIO 110 with a grade of C or above; CHEM 103 or 115 or 115 or concurrent enrollment.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 3
• 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.

BIO 130 Human Sexual Biology
3 crs. • F, Sp • GE-HA • P: Credit may not be earned in both BIO 130 and WAMS 130.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
• 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.

BIO 151 Biology of Humans
4 crs. • F, Sp, Su • GE-HA; LS • P: No credit if taken after or concurrently with BIOI 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.

BIO 180 Conservation of the Environment
3 crs. • F, Sp • GE-HA • 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.

BIO 181 Conservation of the Environment Lab
1 cr. • V • GE-HA; LS; SO • Special Course Fee Required; Field Trip(s) Required • P: Must be taken with BIO 180.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 2
• No credit toward biology major or minor
Laboratory science course intended to be taken with BIO 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.

BIO 195 Plants and Society
4 crs. • F, Sp • GE-HA; 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.

BIO 196 Human Nutrition
3 crs. • F, Sp, Su • W • GE-HA • P: No credit if taken after BIOI 354.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 1
• No credit toward biology major or minor
Makeup, digestion, functions, and utilization of nutrients. Scientific, sensible, satiating ways of meeting requirements.

BIO 211 Organismic Form and Function
5 crs. • F • Not for GE • No S/U Grade Option • P: BIOI 111 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.

BIO 214 Human Anatomy and Physiology I
4 crs. • F, Sp, Su • GE-HA; 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 BIO 314 is taken, and then only five credits toward biology 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.

BIOI 250 Microbiology
3 crs. • F, Sp • GE-HA • P: BIOI 214 and one semester of college chemistry.
No credit if credit has been earned in BIOI 361.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
• No credit toward liberal biology major or minor
Study of the attributes of several microbial groups and their interactions with human systems in the disease process.

BIOI 291 Special Topics in Introductory Biology
1-3 crs. • Not for GE • P: Concurrent registration in BIOI 110 or consent of instructor.
Biology topics of current and special interest not typically covered in an introductory biology course, and of special interest to students and faculty.

BIOI 296 Student Academic Experience
1-2 crs. • F, Sp, Su • Not for GE, SL • 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 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 BIOI 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.

BIOI 300 Genetics
4 crs. • F, Sp • Not for GE • P: BIOI 211 or consent of instructor; and MATH 109 with a grade of C or above.
Lecture/Discussion Hours: 4  |  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.

BIOI 301 Comparative Vertebrate Anatomy
4 crs. • F, Sp • Not for GE • P: BIOI 211 or 312.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 4
Structure, function, and evolution of chordate organ systems. Dissection of lamprey, shark, and cat.

BIOI 302 Cell Biology
3 crs. • Sp • Not for GE • P: BIOI 111; CHEM 104 or 115.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Structure, function, and molecular organization of cells and cell organelles.

BIOI 304 Molecular Biology
4 crs. • F, Sp • Not for GE • P: BIOI 300; CHEM 104 or 115.
Lecture/Discussion Hours: 4  |  Lab/Studio Hours: 0

BIOI 306 Infectious Disease Ecology
3 crs. • Sp • Not for GE • P: BIOI 111; 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.

BIOI 307 Cell and Molecular Biology Laboratory
2 crs. • F • Not for GE • A-F Grades Only • P: BIOI 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, immunnoassay, enzyme assays, immunofluorescence, PCR, and DNA sequencing.

BIOI 308 Evolution
3 crs. • Sp • Not for GE • P: BIOI 111 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.

BIOI 309 Women in the Life Sciences
2 crs. • F • GE-HA • P: Credit may not be earned in both BIOI 309 and WAMS 309. Minimum junior standing.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
Reading, discussion, and student presentations about women and their contributions to the biological sciences within a personal, cultural, and historical context.
BIOL 311 General Entomology
4 crs. • F • Not for GE • 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 • Not for GE • P: BIOL 211 with a grade of C or above. Minimum sophomore standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
Only five credits from BIOL 214 or 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. • F • Not for GE • 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. • Wt • Su • GE-IIA; LS: Special Course Fee Required • 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 • Not for GE • 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 • Not for GE • 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 relationships of plants to human cultures.

BIOL 328 Conservation Biology
3 crs. • Sp • Not for GE • 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 Field Experience in Conservation Biology
1 cr. • Sp • Not for GE; SL; CP: Field Trip(s) Required • S/U Only
Grade Basis • P: Limited to Environmental Science minors majoring in biology, geology, or geography; or limited to biology comprehensive majors in Ecology and Environmental Biology or minors in Environment, Society, and Culture. • Instructor Consent Required
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2
• Concurrent enrollment in BIOL 328 is preferred, can be taken as a prerequisite. Capstone for Environmental Science minors or comprehensive majors in Ecology and Environmental Biology.
Group participation and collaboration with a community organization in hands-on work experience protecting Wisconsin biodiversity through projects in habitat restoration, research, and education.

BIOL 331 Trees and Shrubs
3 crs. • F • Not for GE • P: BIOL 110 or 195.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

BIOL 332 Field Botany
3 crs. • Su • Not for GE; Field Trip(s) Required • P: BIOL 110
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

BIOL 333 Plant Physiology
4 crs. • Sp • Not for GE • 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 • Not for GE; 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 • Not for GE; 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 • Not for GE; 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 emphasis 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 Parasitology
4 crs. • F • Not for GE • 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 Physiological Nutrition
3 crs. • Sp • W • Not for GE • 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.
Anatomy, physiology, taxonomy, behavior, ecology, and evolution of fishes. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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. • 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. • P: BIOL 211 or one year of college zoology; or consent of instructor. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
An introduction to the medically important fungi. Topics include fungal identification of local species and field observations of local species.

BIOL 371 Medical Mycology
3 crs. • F • Not for GE; P: BIOL 111 and one semester of college chemistry. Minimum junior standing. Lecture/Discussion Hours: 2 | 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. • 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 380 Endocrinology
4 crs. • F • Not for GE; P: BIOL 211 or one year of college chemistry. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3
Study of the relationships between histophysicsology, chemistry, and disorders of the endocrine system; the interrelationships with the nervous system. Lecture and laboratory emphasis on modern molecular methods of studying virus systems.

BIOL 381 Virology
4 crs. • P: BIOL 211 or one year of college zoology, or consent of instructor. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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 382 Evolutionary Genetics
4 crs. • F • Not for GE; Instructor Consent Required. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
Biological investigation is designed for students participating in undergraduate/faculty collaborative research projects.

BIOL 390 Directed Studies
1-3 crs. • Not for GE; May be repeated • P: Minimum junior standing. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
Independent study projects under the direction of a faculty member.

BIOL 399 Independent Study - Juniors
1-7 crs. • Not for GE; May be repeated • P: Minimum junior standing. Lecture/Discussion Hours: 7 | Lab/Studio Hours: 7
Independent study projects under the direction of a faculty member.

BIOL 401 Recombinant DNA Techniques
4 crs. • P: BIOL 211 or one year of college zoology, or consent of instructor. 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 Current Topics in Virology and Immunology
4 crs. • F • Not for GE; 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
Leaves 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 • Not for GE; 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, development and evolution of organisms, comparative molecular genetics, genomics, molecular genetics, and medical genetics.
BIOL 410 Mammalogy
4 crs. • Sp • Not for GE; 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 • Not for GE; CP • P: Credit cannot be earned in both BIOL 412 and CHEM 412. • Instructor Consent Required
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
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 • Not for GE • 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. • E Sp • Not for GE; Field Trip(s) Required • A-F Grades Only • P: A grade of "B" or above in the major, and completion of at least one upper division (300-level or higher) biology course. Minimum junior standing. BIOL 383 is highly recommended. Limited to biology majors and minors. • Instructor Consent Required
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 425 Ecosystem Ecology
3 crs. • Sp • Not for GE; Field Trip(s) Required • P: BIOL 211. Minimum junior standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
An investigation of the structure, function, and regulation of ecosystems. We trace the history of the ecosystem concept and explore the fundamental interconnections among the physical and biological components of each of the earth’s biomes.

BIOL 460 Developmental Biology
4 crs. • Sp • Not for GE; 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 • Not for GE • 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. • E Sp • Not for GE; 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 • Not for GE • 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. • Not for GE • 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.

SCIENTIFIC COURSES

BIOL 491 Special Topics
1-3 crs. • Not for GE • 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. • E Sp, Su • Not for GE; SL, 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 Seminar
1 cr. • Not for GE; 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 Days.

BIOL 498 Internship in Biology
1-3 crs. • E Sp, Su • Not for GE; SL, 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. • Not for GE • 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 transcripted 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 39564-7000. Phone (228) 872-4200; or visit the Web site at www.usm.edu/gcrl.
Chemistry

PHILLIPS 430
(715) 836-3417
www.uwec.edu/Lists/Acad.htm

Michael Carney, Chair


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 interested 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):

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<thead>
<tr>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>115</td>
<td>Chemical Principles or</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>103 and 104 General Chemistry</td>
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</tr>
<tr>
<td>213</td>
<td>Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>218</td>
<td>Introduction to Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>325</td>
<td>Organic Chemistry I and II with Lab</td>
<td>8</td>
</tr>
<tr>
<td>433</td>
<td>Physical Chemistry I and II</td>
<td>8</td>
</tr>
</tbody>
</table>

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):

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
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<td></td>
</tr>
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<td></td>
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<td>Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
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<td>3</td>
</tr>
<tr>
<td>325</td>
<td>Organic Chemistry I and II with Lab</td>
<td>8</td>
</tr>
<tr>
<td>420</td>
<td>Advanced Synthesis Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>433</td>
<td>Physical Chemistry I and II</td>
<td>8</td>
</tr>
<tr>
<td>438</td>
<td>Physical Analysis Laboratory</td>
<td>2</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>115</td>
<td>Chemical Principles or 103 and 104 General Chemistry</td>
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<tr>
<td>213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>218</td>
<td>Introduction to Inorganic Chemistry</td>
</tr>
<tr>
<td>325 and 326</td>
<td>Organic Chemistry I and II with Lab</td>
</tr>
<tr>
<td>420</td>
<td>Advanced Synthesis Laboratory</td>
</tr>
<tr>
<td>433 and 434</td>
<td>Physical Chemistry I and II</td>
</tr>
<tr>
<td>438</td>
<td>Physical Analysis Laboratory</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>115</td>
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<tr>
<td>420</td>
<td>Advanced Synthesis Laboratory</td>
</tr>
<tr>
<td>433 and 434</td>
<td>Physical Chemistry I and II</td>
</tr>
<tr>
<td>438</td>
<td>Physical Analysis Laboratory</td>
</tr>
</tbody>
</table>

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: The capstone experience is met by Chem 438.

NOTE: (1) Only six of the 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 130 and 131; 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, 130 and 131, 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)

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>115</td>
<td>Chemical Principles or 103 and 104 General Chemistry</td>
</tr>
<tr>
<td>213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>218</td>
<td>Introduction to Inorganic Chemistry</td>
</tr>
<tr>
<td>274</td>
<td>Chemical Industry Seminar</td>
</tr>
<tr>
<td>325 and 326</td>
<td>Organic Chemistry</td>
</tr>
<tr>
<td>405</td>
<td>Applied Physical Chemistry</td>
</tr>
<tr>
<td>411</td>
<td>Survey of Industrial Chemistry</td>
</tr>
</tbody>
</table>

One course selected from the following: 3-4
Chem 318 Bioinorganic Chemistry
Phys 352 Fundamentals of Biochemistry
Phys 452 Biochemistry I

II. Business Course Requirements
(A minimum of 27 credits)

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acct 201</td>
<td>Principles of Accounting I and II</td>
</tr>
<tr>
<td>Econ 103</td>
<td>Principles of Economics</td>
</tr>
<tr>
<td>Fin 320</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
</tr>
<tr>
<td>Mgmt 340</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>Mktg 330</td>
<td>Marketing</td>
</tr>
<tr>
<td>One course selected from the following: 3</td>
<td></td>
</tr>
<tr>
<td>Mgmt 341</td>
<td>Operations Management</td>
</tr>
<tr>
<td>Mgmt 345</td>
<td>Managing Global Organization</td>
</tr>
<tr>
<td>Mgmt 446</td>
<td>Organizational Change and Development</td>
</tr>
<tr>
<td>Mktg 336</td>
<td>Business Logistics Management</td>
</tr>
<tr>
<td>Mktg 337</td>
<td>Professional Selling</td>
</tr>
<tr>
<td>Mktg 433</td>
<td>Sales Management</td>
</tr>
<tr>
<td>Mktg 437</td>
<td>Business to Business Marketing</td>
</tr>
</tbody>
</table>

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.

 IV. Other Requirements
(A minimum of 17 credits)

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>Math 111 or 114</td>
<td>A Short Course in Calculus or Calculus I</td>
</tr>
<tr>
<td>Math 246</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>Phys 211 and 212</td>
<td>General Physics or 231 and 232 University Physics I and II</td>
</tr>
</tbody>
</table>
| 9-10 | 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 Multidisciplinary Programs.
CHEMISTRY

COMPREHENSIVE MAJOR:
PHYSICAL SCIENCE, Teaching (Code 240-004)
   See Multidisciplinary Programs.

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. Enrollment in a laboratory course requires a security deposit to be paid at registration. 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. • F, Sp • GE-IIIB; 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 102 General Chemistry I
5 crs. • F, Sp • GE-IIIB; 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 • GE-IIIB; 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, Sp • GE-IIIB; 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 complexion reactions.

CHEM 121 Elementary Chemical Education
1 cr. • F, Sp • Not for GE • P: CHEM 101 or CHEM 103. Limited to ELED/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. • F, Wi, Sp • GE-IIIB
   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. • F, Sp • GE-JIB • 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. • Sp • GE-JIB
• 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 • Not for GE; 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. • Sp • Not for GE • 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 • Not for GE • 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 • Not for GE; SL • May be repeated for a maximum of 4 credits • S/U Only Grade Basis • P: 3.0 overall GPA, Grade of B (3.0) or above in the course in which the student will apprentice. No credit toward chemistry major. • Instructor Consent Required
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-JIB • 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 • Not for GE • P: CHEM 218, 321, or 325
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course will explore the bioinorganic 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-JIB; 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 • Not for GE; 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. • Sp • Not for GE • P: Chem 326 or concurrent enrollment. Credit may not be earned in both CHEM 352 and CHEM 452/652. No more than six credits from a combination of CHEM 352 and CHEM 454 for chemistry minors, chemistry majors, or biochemistry/molecular biology majors.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
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. • V • Not for GE • P: CHEM 326 and BIOI, III
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 380 Introduction to Materials Science
4 crs. • F odd years • Not for GE • P: MATH 215 and one of the following: PHYS 332, CHEM 104, or CHEM II.5. Credit may not be earned in both CHEM 380 and PHYS 380.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Basic atomic and electronic structure of solids including metals, polymers, ceramics, and semiconductors are studied. Defects, imperfections, X-ray diffraction, and phase diagrams are used as a basis for understanding mechanistic/electrical properties.

CHEM 391 Independent Study - Juniors
1-3 crs. • F, Sp, Su • Not for GE • E • May be repeated • P: Minimum junior standing. • Department Consent Required
Individual research projects under the direction of a faculty member.

CHEM 401 Inorganic Chemistry
3 crs. • Sp odd years • Not for GE • P: CHEM 218; and CHEM 433/633 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. Arhenius and Lewis acid/base concepts. Organometallic and bioinorganic compounds, reactions, and mechanisms.

CHEM 405 Applied Physical Chemistry
3 crs. • Sp odd years • Not for GE • P: CHEM 213, 218, 326; MATH 111 or 114; PHYS 211, 212. No credit if taken after CHEM 433/633 or 434/634. No more than four credits can be counted from a combination of CHEM 405, 406, and 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, Sp • Not for GE • P: CHEM 352 or 452; PHYS 212 or 232; MATH III or II.4. No credit if taken after CHEM 433/633 or 434/634. No more than four credits can be counted from a combination of CHEM 405, 406, and 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 Survey of Industrial Chemistry
3 crs. • F • Not for GE; CP; Field Trip(s) Required • P: CHEM 218 and 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 • Not for GE; CP • P: Credit cannot 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 • Not for GE: 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 Modern Organic Chemistry
3 crs. • F even years • Not for GE • 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 Physical Chemistry I
4 crs. • F • Not for GE • 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, 406, and 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 equilbrium, electrochemistry, and chemical kinetics.

CHEM 434 Physical Chemistry II
4 crs. • Sp • Not for GE • P: CHEM 433
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Continuation of Chemistry 433/633. The quantitative study of the physical properties of matter emphasizing the microscopic perspective. Topics include: quantum theory, atomic and molecular structure, chemical bonding, molecular symmetry, spectroscopy, resonance techniques, and statistical mechanics.

CHEM 438 Physical Analysis Laboratory
2 crs. • Sp • Not for GE; 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 Instrumental Analysis
3 crs. • F, Sp, Su • Not for GE • 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 452 Biochemistry I
3 crs. • F • Not for GE • P: CHEM 326 or CHEM 323. Credit may not be earned in both CHEM 352 and CHEM 452/652.
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 Biochemistry Laboratory I
2 crs. • F • Not for GE: Special Course Fee Required • P: CHEM 213; CHEM 452/652 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 Biochemistry II
3 crs. • Sp • Not for GE • 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 Biochemistry Laboratory II
2 crs. • Sp • Not for GE; 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 Polymer Chemistry
3 crs. • Wi, Sp, Su • Not for GE • 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 will be emphasized. 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. • Not for GE; 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. • Not for GE • 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. • Sp • Not for GE • May be repeated for a maximum of 6 credits • P: Minimum junior standing. • Department Consent Required
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 • Not for GE • May be repeated • P: Minimum senior standing. • Department Consent Required
Individual research projects under the direction of a faculty member.
Communication and Journalism

Hibbard Humanities Hall 152
(715) 836-2528
www.uwec.edu/Lists/Acad.htm

MARY F. HOFFMAN, CHAIR

Arlyn Anderson, William Barre, Terrence Cimielewski, Michael Dorsher, Janet Drever, Martha Fay, Jeanie Geurink, Won Yong Jang, Jack Kaffer, Jan Larson, Ellen Mahaffy, Karen Morey, Nicole Schultz, Judy Sides, 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: Public Communication

• Journalism majors/minors:
  Journalism: Broadcast Journalism
  Journalism: Print Journalism

• 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 with an area of emphasis in Advertising, Broadcast Journalism, Print Journalism, or Public Relations, 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 and CJ 300 as major/minor requirements.

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 advisor for information regarding degree requirements. Students who declare a major in the Department of Communication and Journalism must 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.

Students majoring or minoring in Communication and Journalism may not include CJ courses in a topical minor without prior, written 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)
Understanding communication processes that are critical to organizations is the emphasis of this sequence. Students are prepared to contribute to and coordinate corporate, training, and administrative communication.

Communication: Organizational Communication majors must complete 36 credits that include the courses listed below and nine credits of electives in CJ courses.

- CJ 105 Communication in the Information Age
- CJ 250 Introduction to Organizational Communication
- CJ 300 Research Methods
- CJ 301 Intercultural Communication
- CJ 307 Small Group Communication
- CJ 350 Training and Human Resource Development
- CJ 357 Professional Interviewing
- CJ 407 Leadership Communication
- CJ 459 Communication Research Seminar (capstone)

MINOR: COMMUNICATION, Liberal Arts
Organizational Communication (Code 583-450)
Students must complete 24 credits that include CJ 105, 250, 300, 301, 307, 350, 357, and 407.

MAJOR: COMMUNICATION, Liberal Arts
Public Communication Emphasis (Code 583-200)
This sequence focuses on understanding theory and research in human communication. Students are prepared for advanced study and analysis of social and mediated communication.

Public Communication majors must complete 36 credits that include the following courses and nine credits of electives in CJ courses.

- CJ 105 Communication in the Information Age
- CJ 201 Interpersonal Communication
- CJ 300 Research Methods
- CJ 301 Intercultural Communication
- CJ 302 Human Communication Theory
- CJ 307 Small Group Communication
- CJ 310 Communication Criticism
- CJ 406 Persuasion
- CJ 459 Communication Research Seminar (capstone)
COMMUNICATION AND JOURNALISM

MINOR: COMMUNICATION, Liberal Arts
Public Communication (Code 583-400)
Students must complete 24 credits that include CJ 105, 201, 300, 301, 302, 307, 310, and 406.

MAJOR: JOURNALISM, Liberal Arts
Broadcast Journalism Emphasis (Code 560-204)
This sequence focuses on understanding radio and television as media which disseminate news. Students are prepared to gather, write, edit, and deliver broadcast news stories.

Broadcast Journalism majors must complete 36 credits that include the courses listed below and nine credits of electives in CJ courses.

CJ 105 Communication in the Information Age
CJ 222 News Reporting and Writing
CJ 241 Radio and Television Production Process
CJ 300 Research Methods
CJ 321 Public Affairs Reporting
CJ 335 Radio-Television News Editing
CJ 412 Mass Media Ethics
CJ 414 Mass Media Law
CJ 429 Journalism Seminar (capstone)

MINOR: JOURNALISM, Liberal Arts
Broadcast Journalism (Code 560-404)
Students must complete 24 credits that include CJ 105, 222, 241, 300, 335, 412, 414, and three credits of electives in CJ courses.

MAJOR: JOURNALISM, Liberal Arts
Print Journalism Emphasis (Code 560-203)
This sequence focuses on gathering, analyzing, and writing news for mass audiences. Students are prepared to research, evaluate, prepare, edit, and design print and online news stories.

Print Journalism majors must complete 36 credits that include the courses listed below plus nine credits of electives in CJ courses.

CJ 105 Communication in the Information Age
CJ 222 News Reporting and Writing
CJ 300 Research Methods
CJ 321 Public Affairs Reporting
CJ 323 News Editing and Design
CJ 412 Mass Media Ethics
CJ 414 Mass Media Law
CJ 427 Advanced Reporting
CJ 429 Journalism Seminar (capstone)

MINOR: JOURNALISM, Liberal Arts
Print Journalism (Code 560-403)
Students must complete 24 credits that include CJ 105, 222, 300, 321, 323, 412, 414, and three credits of electives in CJ courses.

MAJOR: JOURNALISM, 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.

Advertising majors must complete 36 credits that include the courses listed below and nine 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 466 Advertising Campaigns
CJ 469 Advanced Advertising Studies (capstone)

MINOR: MASS COMMUNICATION, Liberal Arts
Advertising (Code 584-405)
Students must complete 24 credits that include CJ 105, 265, 300, 362, 365, 412, 414, and 466.

MAJOR: MASS COMMUNICATION, Liberal Arts
Public Relations Emphasis (Code 584-270)
Understanding objectives and strategies which shape the information delivered to different types of publics is the goal of this sequence. Students are prepared to analyze, construct, manage, and consume public relations information.

Public Relations majors must complete 36 credits that include the courses listed below and nine credits of CJ electives.

CJ 105 Communication in the Information Age
CJ 222 News Reporting and Writing
CJ 270 Public Relations
CJ 300 Research Methods
CJ 373 Writing for Public Relations
CJ 374 Public Relations Research Methods
CJ 412 Mass Media Ethics
CJ 414 Mass Media Law
CJ 479 Public Relations Management (capstone)
NOTE: CJ 374 has a statistics prerequisite (see course listing).

MINOR: MASS COMMUNICATION, Liberal Arts
Public Relations (Code 584-470)
Students must complete 24 credits that include CJ 105, 222, 270, 300, 373, 374, 412, and 414.

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, and the CATV studio also offer 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; Not for GE
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 the Information Age
3 crs. • F, Sp • GE-IA
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Introduction to the development and relationship of interpersonal and mass communication. Survey of interpersonal, group, intercultural, organizational, and mass communication. Analysis of current and emerging communication technologies and media issues in a changing world.
CJ 111 Gender, Race, Class, and Communication: The Social Construction of Identity
3 crs. • V • CD1; GE-IA • P: Credit cannot be earned in both CJ 111 and WMNS 111.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 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, Sp • GE-IA • P: Grade of C or above in ENGL 110 or equivalent. No credit if taken after CJ 204.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• No credit toward CJ major or minor
Fundamentals of 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 222 News Reporting and Writing
3 crs. • F, Sp • Not for GE • P: Grade of C or above in ENGL 110 or equivalent. Credit cannot be earned in both CJ 222 and CJ 235. Minimum sophomore standing.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
Introduction to news writing and reporting for broadcast, print, and online media. Accuracy, meeting deadlines, information-gathering, news judgment, and balanced reporting are stressed. Selected coverage of community events.

CJ 241 Audio and Video Production Process
3 crs. • F, Sp • Not for GE; Special Course Fee Required • P: Grade of C or above in ENGL 110 or equivalent. Minimum sophomore standing.
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 • Not for GE
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 Public Relations
3 crs. • F, Sp • GE-IA • P: Grade of C or above in ENGL 110 or equivalent. No credit if taken after JOUR 313.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Profession and practice of public relations from an organizational communication perspective. Changing roles, future career opportunities, ethical and legal issues, research techniques, developing effective communication with client, media, consumer, stockholder, governmental, organizational, and employee publics.

CJ 273 The Literature of Fact
3 crs. • Not for GE • P: Credit cannot be earned in both CJ 273 and ENGL 273.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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. • F, Sp • 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 • Not for GE; 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 • Not for GE • P: Completion of 45 credits; grades of C or above in CJ 105 and one of the following: CJ 201, 222, 235, 281, 230, 265, 270. 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: 1
Study of research methods, measurement techniques, and data analyses (quantitative and qualitative) common to communication, journalism, 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.
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 Human Communication Theory
3 crs. • F, Sp • Not for GE • P: CJ 300 or concurrent enrollment. Minimum resident and total GPA of 2.50. Minimum sophomore standing.
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 304 Professional Speaking
3 crs. • GE-IA • P: Grade of C or above in CJ 202. Minimum resident and total GPA of 2.50.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Principles of presentational speaking in organizational and professional contexts. Special attention given to visual aids.

CJ 307 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 Communication Criticism
3 crs. • F • GE-IA • P: Grade of C or above in CJ 202. Minimum resident and total GPA of 2.50. Minimum sophomore standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Traditional and contemporary rhetorical perspectives applied to the analysis and criticism of communication in contemporary society.

CJ 311 Mass Media History
3 crs. • Not for GE • 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 314 Mass Media and Popular Culture
3 crs. • 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 315 Freedom of Expression
3 crs. • GE-IA
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
A study of the origins and evolution of the ideas behind the American concept of free speech and press.
COMMUNICATION AND JOURNALISM

CJ 317 Women and the Mass Media
3 crs. • GE-IA • P: Credit may not be earned in both CJ 317 and WMNS 317. Minimum sophomore standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Reading, writing, and discussion about news coverage of women, language and gender, images of women in advertising, mass media careers for women, and women’s media. Emphasizes collaborative learning and research.

CJ 319 International Communication
3 crs. • 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 Public Affairs Reporting
3 crs. • F, Sp • Not for GE • P: CJ 300 or concurrent enrollment; grades of C or above in CJ 105 and 222, or both 265 and consent of instructor. 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 and writing at community level. Special attention given to source development, interviewing, finding, and using government records and documents.

CJ 323 News Editing and Design
3 crs. • Not for GE • P: Grades of C or above in CJ 105 and 222 and 300, or both 265 and consent of instructor. Minimum resident and total GPA of 2.50.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
Study, analysis, and practice in publication editing and design. Copy improvement and flow, page design and layout. Use of electronic editing and design equipment.

CJ 335 Radio-Television News Editing
3 crs. • F • Not for GE • Special Course Fee Required; Field Trip(s) Required • P: C or above in CJ 105, 222, 241, and 300. Limited to journalism majors and minors. Minimum resident and total GPA of 2.50.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1
Instruction and experience in preparing newscasts. Includes reporting, writing, and editing local news and preparing video and audio for newscasts.

CJ 350 Human Resource Development
3 crs. • F, Sp • Not for GE • 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 356 Organizational Communication Systems
3 crs. • Not for GE • P: Grade of C or above in CJ 300, PSYC 271, SOC 332, or BSAD 280. Minimum resident and total GPA of 2.50. Minimum junior standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Theories and techniques for assessing organizational communication needs and developing effective communication systems. Student teams will analyze and utilize communication of campus organizations.

CJ 357 Professional Interviewing
3 crs. • F, Sp • Not for GE • P: C or above in CJ 300 or concurrent enrollment. Minimum resident and total GPA of 2.50.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Theories, concepts, and skills of interviewing which administrators apply to their various communication and managerial tasks. Special focus on informational, employment, and appraisal interviewing.

CJ 362 Advertising Media Planning
3 crs. • F, Sp • Not for GE • P: C or above in CJ 105, 265, and 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 and Design
3 crs. • F, Sp • Not for GE • P: C or above in CJ 105, 265, and 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
Principles and practice of advertising message development using writing and design skills. Emphasis on research, strategic planning, concept formation, and idea presentation.

CJ 370 Magazine Editing and Design
3 crs. • Not for GE • 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 • Not for GE • P: Grade of C or above in CJ 222, 270, and 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.

CJ 374 Public Relations Research Methods
3 crs. • F, Sp • Not for GE • P: C or above in CJ 270 and CJ 300 and one of the following: MATH 245, 246, PSYC 265, or SOC 331. Minimum resident and total GPA of 2.50.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Principles of public relations research and their application to problems and cases. Uses of public relations research; research design; methods for gathering and analyzing information; reporting and utilizing research findings. Considers formulative and evaluative research.

CJ 380 Visual Communication Graphics
3 crs. • F, Sp • Not for GE • P: 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. • F, Sp • Not for GE • Special Course Fee Required • P: B or above in CJ 284 or ART 281; have own 35 mm camera. Minimum sophomore standing.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
• Audit by permission of instructor only.
An advanced course in photographic communication using a variety of methods and applications, including photojournalism, nature, portrait, and travel photography.

CJ 397 Student Academic Apprenticeship
1-3 crs. • Not for GE • May be repeated for a maximum of 6 credits • P: 12 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. No more than three credits of CJ 397 and CJ 497 can be counted toward the major. • 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 • Not for GE • May be repeated • P: Minimum junior standing • Department Consent Required

CJ 406 Persuasion
3 crs. • F, Sp • 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 Leadership Communication
3 crs. • Not for GE • P: Grades of C or above in CJ 300 and 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. Focusses 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. • F, Sp • Not for GE • P: Grades of C or above in CJ 300, 301, 302, 307, 310, 316. Minimum resident and total GPA of 2.50. Minimum senior standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Capstone course for public communication emphasis
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.
COMMUNICATION AND JOURNALISM

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 Mass Media Law
3 crs. • F • Not for GE • 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 427 Advanced Reporting
3 crs. • F • Not for GE; SL • P: Grades of C or above in CJ 300 and 321. Limited to journalism majors and minors. Minimum sophomore standing. Minimum resident and total GPA of 2.50. 
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 
Study and use of advanced reporting techniques, including computer-assisted reporting. Special emphasis is placed on research and writing skills.

CJ 429 Journalism Seminar
3 crs. • Sp • Not for GE; CP • P: Grades of C or above in CJ 222, 300, and 321; completion of CJ 427 or 335; completion of or concurrent enrollment in CJ 412 and 414. Minimum senior standing. Minimum resident and total GPA of 2.50. Limited to journalism majors and minors. 
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 
Course assesses student's mastery of research techniques and strategy, collection and analysis of data, interviewing, and writing. Students produce semester-long project intended for publication.

CJ 450 Human Resource Development Seminar
3 crs. • Sp • Not for GE; SH • 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 459 Communication Research Seminar
3 crs. • Sp • Not for GE; CP • P: Grades of C or above in CJ 105; 202; 300; 307; 201 or 250; 302 or 350; 310 or 315 or 357; and 406 or 355 or 407. Minimum senior standing. Minimum resident and total GPA of 2.50. Limited to Organizational and Public Communication Majors. 
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 
Capstone course for organizational communication emphasis 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 466 Advertising Campaigns
3 crs. • F, Sp • Not for GE; CP • P: Grades of C or above in CJ 300, 362, and 365. Minimum resident and total GPA of 2.50. 
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 
Preparation of multimedia advertising campaigns, bringing together all aspects of advertising planning on strategic and tactical levels.

CJ 469 Advanced Advertising Studies
3 crs. • Sp • Not for GE; CP • P: Grades of C or above in CJ 265, 300, 362, and 365; prior completion of or concurrent enrollment in CJ 466. Minimum senior standing. Minimum resident and total GPA of 2.50. 
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.

CJ 470 PR Crisis Communication Campaigns
3 crs. • Not for GE • 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 • Not for GE; CP • P: Grade of C or above in CJ 373 and 374. Minimum resident and total GPA of 2.50. 
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 
Capstone course for public relations emphasis Principles of public relations management and their application to problems and cases. Emphasis on strategy; issues analysis, issues management, and planning.
Computer Science

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PAUL WAGNER, CHAIR
DANIEL ERNST, C. MICHAEL MORRISON, JOLINE MORRISON, DANIEL STEVENSON,
JACK TAN, MICHAEL WICK.

Honor Societies and Student Organizations: ACM, WITS

Computer Science, Computer Engineering, 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 in either computer science or computer engineering. 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 and engineering needed to avoid technological obsolescence in a rapidly changing environment. This program is intended to produce computer science and engineering 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:

a. Introductory courses which cover the basic principles of Computer Science.

b. The use of object-oriented and other programming paradigms.

c. An integrated blend of courses which cover the tools, knowledge, problem-solving, and programming techniques that form the basis for a successful career.

d. A capstone experience in which students complete a comprehensive project to demonstrate their mastery of the discipline.

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 39 semester credits, including:


2. A Computer Science elective, selected from one of the following:
   a. 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, 370, 388, 399, 420, 450, 455, 462, 491; CE 452, 478; or other courses designated by the department (three-four 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).

NOTE 1: Math 114 or equivalent is required.
NOTE 2: 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

The comprehensive major is intended for students who are interested in studying the principles and practices of both computing and closely-related disciplines. The comprehensive major is a blend of courses from several departments that forms the basis for integrating and applying the knowledge of those disciplines.

Computer Engineering (Code 170-040)

This major is recommended for students who desire a strong foundation in computer engineering and design, supplemented by work in software design.

Sixty-five semester credits, including:


2. The Mathematics core: Math 216, 312, and 345 (12 crs.)

3. The Physics core: Phys 380 and 360 (8 crs.)

4. Three capstone credits of electives chosen from either CE 452 or 478 (three crs.)

5. Three credits of electives chosen from either CVTC 605-169 or Math 313 (three crs.)

6. Three credits of electives chosen from either CE 498 or a CE or CS course numbered 330 or higher (three crs.)

For a degree in Computer Engineering, a student must:

1. Complete either Engl 305 or 308 (satisfies GE-IA);

2. Complete Math 114 and 215 (satisfies GE-IB);

3. Complete Phys 231, 232, and either Chem 103 or 115 (satisfies GE-II);

4. Complete Phil 308 (satisfies GE-IVB).

Computer Science (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. The B.S. degree program in computer science is accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). A minimum of sixty semester credits, including:


2. The Mathematics core: Math 114, 215, and either 246 or 345 (12 crs.)

3. A minimum of three credits of electives chosen from the following list of Mathematics courses: Math 216, 312, 313, 324, 351, 352, 354, 355, 358, and 440 (three-four crs.)

4. 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 268, 278, 291, 321, 370, 388, 399, 420, 450, 455, 491; CE 452, 478; 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 maximum 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, 113; Geog 104, 178, 345, 368; Geol 110, 115, 301, 303, 308; Phys 226, 229.

Geographic Information Systems/Remote Sensing (Code 170-020)

This major is recommended for students interested in the development of complex software systems used in geographic applications, including manipulation of geographic databases and aerial/satellite images. A minimum of sixty-eight semester credits including:

2. Statistics: Math 246 or Geog 328 (three-four crs.)
3. Landforms: Geol 110 or 115, 308 or 345 (seven crs.)
4. Plant forms: Biol 195, 338 (seven crs.)
5. Geographical systems: Geog 280, 335, 338, 339 (12 crs.)
6. A Computer Science elective, selected from one of the following:
a. A minimum of three credits of electives chosen from the following
   Computer Science courses not already included in the GIS core: CS 278, 291, 321, 370, 388, 399, 420, 450, 455, 462, or other courses designated
   by the department (three-four crs.); or
b. Six credits from CS 482 and CS 492 (capstone experience).

MINOR: COMPUTER SCIENCE, Liberal Arts
Liberal Arts Emphasis (Code 170-401)
Twenty-four semester credits, including:
1. CS 145, 245, 255, and 268 or 278 (15 crs.)
2. Nine credits selected from CS 268, 278, 291, 321, 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
   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 Multidisciplinary 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 depart-
mental 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 Com-
   puter 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 CE 490 and 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
14 credits, including: CS 145, 163, 245, 255

Certificate: Web Design and Development
12 credits, including: CS 318, 319, 320, 321

CE
CE 452 Advanced Computer Architecture
3 crs. • Sp • Not for GE • P: CS 278 and 352.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Covers techniques for quantitative analysis and evaluation of design choices
in computer system design. Emphasizes major component subsystems of
high performance computers: pipelining, instruction-, data-, and thread-
level parallelism, multiprocessor systems, basic memory system coherence
and consistency, and advanced I/O.

CE 478 Microcontroller System Design
3 crs. • Sp, V • Not for GE • P: CS 278 and 352.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
An introduction to the architecture, operation, and application of embedded
microcontrollers; microprocessor programming; address decoding; system
timing, parallel, serial, and analog I/O; interrupts and direct memory access;
interfacing to static and dynamic RAM; microcontrollers.

CE 490 Computer Engineering Practicum
3 crs. • F, Sp • Not for GE; CP • SJU Only Grade Basis • P: CS 278 and 352.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
A reflective examination of the principles and practices inherent to the study
of computer engineering. This project-oriented course serves as a capstone
course for the computer engineering majors in which the student is expected
to develop, implement, and demonstrate a solution to a computer engineer-
ing problem.

CE 491 Special Topics
1-3 crs. • V • Not for GE • May be repeated
• See current Class Schedule.
An examination of current topical material of special interest to students
and faculty.

CE 498 Computer Engineering Internship
1-6 crs. • F, Sp, Su • Not for GE; CP, IN • May be repeated for a
maximum of 6 credits • Department Consent Required
Practical work experience that extends knowledge in prior courses.

CS
CS 100 Computer Information Technologies
3 crs. • GE-B
Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 1
• No credit toward computer science major or minor. Not applicable for satisfying B.S. GE-B 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 com-
puter information technologies.

CS 145 Introduction to Object-Oriented Programming
3 crs. • F, Sp • Not for GE • P: MATH 109 or concurrent enrollment, or
placement into MATH 111, 112, 113, 114, or 215.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
A general introduction to computer data representation, programming, and
the design of computer software. Object-oriented design and implementa-
tion techniques and concepts are introduced.

CS 146 The Big Picture in Computer Science
2 crs. • F, Sp • Not for GE • P: limited to computer science majors.
Lecture/Discussion Hours: 2 | 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.
COMPUTER SCIENCE

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, Sp • 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.

CS 245 Advanced Programming and Data Structures
4 crs. • Sp • Not for GE • 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 255 Algorithms and Discrete Structures
4 crs. • F, Sp • Not for GE • P: CS 245, MATH 114 or concurrent enrollment, or placement into MATH 215.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
Discussion of algorithm design, problem-solving methods, and application of discrete mathematics to computing. Algorithm topics include divide-and-conquer, dynamic programming, and backtracking. Discrete structure topics include logic, proof, functions, graphs, and complexity theory.

CS 268 Web-Centric Programming
4 crs. • E, Sp • Not for GE • P: CS 245
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 • Not for GE • 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 FPGAx, Verilog programming for synthesis.

CS 291 Special Topics
1-3 crs. • V • Not for GE • 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. • E, 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. • E, Sp • GE-IB • P: No credit if taken after CS 268.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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 • Not for GE • P: CS 318 or concurrent enrollment; CS 319 or concurrent enrollment.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• No credit toward computer science major requirements.
Introduction to databases for Web applications. Architecture, design considerations, and implementation of relational database systems. Database application development using JDBC.

CS 321 Web Design and Development
3 crs. • Sp • Not for GE; SL • 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 330 Programming Languages
3 crs. • Sp • Not for GE • P: CS 255
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 345 Database Systems
3 crs. • F • Not for GE • P: CS 255
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. Particular attention is paid to modern issues of networks and distributed database systems.

CS 352 Computer Organization and Design
3 crs. • F • Not for GE • P: CS 255
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 • Not for GE • P: CS 345. 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 • Not for GE • P: CS 352 and 330.
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 • Not for GE • P: CS 255
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 • Not for GE
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 • Not for GE • P: Limited to computer science majors. Minimum junior standing.
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. • Not for GE • May be repeated • P: Minimum junior standing. • Department Consent Required

CS 420 Artificial Intelligence
3 crs. • Not for GE • P: CS 255
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.
COMPUTER SCIENCE

CS 450 Theory of Computation
3 crs.  •  F  •  Not for GE  •  P: CS 255
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.  •  Not for GE  •  P: CS 255
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  •  Not for GE  •  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.  •  Not for GE; 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  •  Not for GE; Sl, 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.  •  Not for GE; SO; 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 468).
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  •  Not for GE  •  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.  •  Not for GE; 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.  •  Not for GE  •  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.  •  Not for GE; SO; 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.  •  Not for GE  •  May be repeated  •  P: Minimum senior standing.  •  Department Consent Required
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, 341, 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, 360; Econ/LAS 356; Econ/Wmns 337, 357; Hist 454; Acct 201.

A student may substitute Math 347 for Math 246 in the major.

All students with a major in economics must complete the capstone project during the year prior to graduation. Completion of Econ 494 or Econ 498 may be used to fulfill this requirement. For the other capstone project options, contact the department office.

Areas of emphasis may be selected from courses taught by the department, and these areas may be supplemented with a minor or electives from departments offering related courses. The areas are: Finance (Econ 321, 322, 325); Public Policy Economics (Econ 331, 335, 375); International Economics (Econ 341, 351, 355, and 353 or Econ/LAS 356); Theory (Econ 311, 315, 316).

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, 341, 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, 360; Econ/LAS 356; Econ/Wmns 337, 357.

All students with a major in economics must complete the capstone project during the year prior to graduation. Completion of Econ 494 or Econ 498 may be used to fulfill this requirement. For the other capstone project options, contact the department office.

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, 341, 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, 360; Econ/LAS 356; Econ/Wmns 337, 357; Hist 454; Acct 201. This major 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.

All students with a major in economics must complete the capstone project during the year prior to graduation. Completion of Econ 494 or Econ 498 may be used to fulfill this requirement. For the other capstone project options, contact the department office.

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, 360; 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, 360; 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-IIIB
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-IIIB • P: Grade of C or above in 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-IIIB • P: Grade of C or above in 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-IIIB • 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 266 Environmental Economics
3 crs. • Sp • GE-IIIB
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-IIIB
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 Intermediate Microeconomic Theory
3 crs. • F, Sp • Not for GE • 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 • Not for GE • 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, profit maximization, and decision-making.

ECON 311 History of Economic Thought
3 crs. • GE-IIIB • 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 • Not for GE • 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. • Not for GE • 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. • Not for GE • 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-IIIB • 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 Investments
3 crs. • F • Not for GE • 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 Public Economics
3 crs. • Not for GE • 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 326 Environmental Economics
3 crs. • Sp • GE-IIIB •
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
An economic analysis of environmental problems and policies in a market economy.

ECON 330 Economics of American Minorities
3 crs. • CD3; GE-IIIB
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 Government and Business
3 crs. • GE-IIIB • 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 Labor Economics
3 crs. • GE-IIIB • 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, government 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. • CD1; GE-IIHR • P: Credit may not be earned in both ECON 337 and WMNS 337.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 341 Evolution of Economic Systems
3 crs. • GE-IIIB • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Describes and compares theories of various economic systems: capitalism, socialism, and variants of capitalism and socialism. Topics include evaluation of systems through case studies and comparison of the social and economic status of women.

ECON 351 International Economics
3 crs. • Not for GE • 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. • FC; Not for GE • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.
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 Economic Development of the Third World
3 crs. • FC; Not for GE • 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. • FC, GE-IIIB • P: Credit may not be earned in both ECON 356 and LAS 356.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Women and Economic Development
3 crs. • FC; GE-IIIB • P: Credit may not be earned in both ECON 357 and WMNS 357. No credit if taken after WMNS 480 in Summer of 2001.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 360 Consumer Economic Issues
3 crs. • GE-IIIB
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Markets studied as mechanism to meet consumer preferences equitably and efficiently and its imperfections identified. Discussions of consumer protection programs, private sector accountability and information sources for effective individual consumer decisions.
ECON 371 Current Economic Problems
3 crs. • Not for GE • P: ECON 304 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 375 Urban Economics
3 crs. • CD1; GE-IIIB • 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 399 Independent Study - Juniors
1-3 crs. • Not for GE • May be repeated • P: Minimum junior standing. • Department Consent Required

ECON 411 Special Topics
1-3 crs. • Not for GE
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. • Not for GE • 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. • E, Sp, Su • Not for GE; CP; 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 Directed Studies
1-3 crs. • Not for GE • 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. • Not for GE • 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. • E, Sp, Su • Not for GE; SL; CP, 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. • Not for GE • May be repeated • P: Minimum senior standing. • Department Consent Required

English
HEIBERD HUMANITIES HALL 405
(715) 836-2639
www.uwec.edu/Lists/Acad.htm
engl.contact@uwec.edu

JACK BUSHELL, CHAIR

DEBRA K.S. BARKER, ERICA BENSON, RUTH CRONJE, BERNARD DUYFHIUIZEN, AUDREY FESSLER, MAX GARLAND, C. KATE HALE WILSON, DAVID JONES, JOANNE JUETT, ELENA KELLY, THeresa D. KEMP, KAREN LOEB, ALLISON LoomIS, Jon LoomIS, CARMEN MANNING, ROBERT NOWLAN, SCOTT OATES, TESS ONWUENE, JOEL PACE, WILLIAM PHILLIPS, ELIZABETH PRESTON, CATHY REX, ASHa SEN, JENNIFER SHADDOCK, DAVID SELL, JAN STORM, STACY THOMPSON, STEPHANIE TURNER, SHEVAUN WATSON, BLAKE WESTERKUN, LINSEY 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, thomast@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: Cathy Rex, rexco@uwec.edu.

MAJOR PROGRAMS

Students at UW-Eau Claire pursue an English major by choosing among several emphases. Current choices include 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-reflexively 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 English Writing Center, as mentors in First Year Experiences sections of courses, 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.

Each spring the department sponsors a student-organized festival to promote and celebrate the English Language Arts. In their final or next-to-final semester, students finish their major by presenting a work of their choice at the spring English Festival or the Winterfest, and participate in an exit interview.

The English Department also offers four minors and many courses that meet University General Education requirements.
In addition to the English core requirement:

MAJOR: ENGLISH, Liberal Arts, Linguistics

A twelve- to fifteen-credit emphasis requirement (specified below).

• no fewer than six credits at the 400 level
• no more than six credits at the 200 level
(courses may be specified within a particular emphasis)

A twelve credit literature requirement:

• Engl 284 Introduction to Theory and Criticism
• Engl 221 The English Language
• Engl 210 Introduction to Texts

Core courses:

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; Psyc 378.

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:
- Engl 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
- 15 credits of literature (no more than six at the 200 level and no more than three at the 400 level)
- No more than six credits of electives at the 200 level
- At least three credits at the 400 level
Related Discipline Courses:
- Engl 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.

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 (no more than three at the 200 level and no fewer than three at the 300 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. At the completion of their composition course sequence, non-native speakers will take a modified version of the competency examination.

ENGL

ENGL 99 Composition Fundamentals
3 crs. • F; Sp • Not for GE • May be repeated for a maximum of 3 credits
• 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 (UWEP 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  •  Not for GE  •  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  •  Not for GE  •  No S/U Grade Option  •  P: One of: a UWENGL standard score of 375 or higher, WUEPT 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 (79iBT) 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.

Eligibility to Test Out of ENGL 110. Exemption by examination is available for students who score 28 or higher on the ACT English and who are either in the upper ten percent of their high school class or have a high school English GPA of 3.50 or higher. It is also available for students not required to submit ACT scores who have a UWENGL score of 565 or higher. Students should contact the Director of English Composition for information about eligibility.

ENGL 112 College Writing for Transfer Students and Advanced Placement Students
2 crs.  •  F, Sp  •  Not for GE  •  P: 2.66-4.0 crs in college composition with a grade of C or above, a grade of C or above earned outside of the UW System; partial completion (with grade of C or above) of comp reqmt from a UW System school; AP score of 4 or 5 on Engl/Lang & Comp exam or Engl/Lit & Comp exam.  •  Department Consent Required
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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 125 English Grammar and Usage
3 crs.  •  F, Sp  •  GE-IA
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
May not be substituted for any required English composition or English language course. A comprehensive and thorough study of English grammar and usage from the traditional viewpoint, informed by insights from the new grammars, with emphasis on application to reading and writing.

ENGL 130 Introduction to World/Postcolonial Literature
3 crs.  •  V  •  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: Credit may not be earned in both ENGL 142 and AIS 142 or if taken after ENGL 346 or AIS 346. Not available for juniors or seniors.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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.  •  F, Sp  •  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.  •  F, Sp, Su  •  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 211 Writing About Literature
3 crs.  •  F  •  GE-IA  •  P: ENGL 110 or equivalent, or HNRS 101; and ENGL 210 or three credits of literature.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Applies the knowledge about textuality and the interpretation skills gained in ENGL 210 to the formal practice of writing about literature. Focuses on close reading, critical analysis, research, and citation skills.

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.  •  GE-IA
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 1
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.  •  F, Sp  •  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.  •  Sp  •  CD3; GE-IVD  •  P: Credit may not be earned in both ENGL 242 and AIS 242.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 2
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.  •  CD3; 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.
ENGLISH

ENGL 244 American Literature from 1865-1945
3 crs. • F, Sp • 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. • F, Sp • 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.

ENGL 259 Perspectives on British Literature After 1790
3 crs. • F • 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
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. • Not for GE • P: Credit cannot be earned in both ENGL 273 and CJ 273.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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. • F, Sp • 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. • 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 • Not for GE • P: ENGL 230 (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 • P: Credit may not be earned in both ENGL 296 and WAMS 296 unless topics differ.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Teaching Writing in the Elementary and Middle School
3 crs. • F, Sp • Not for GE • 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 Communicating Scientific Subjects to General Audiences
3 crs. • F, Sp • 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 Editing and Publications Management
3 crs. • Not for GE • 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 style sheets, editor/author rapport, document design, indexing, and the publication process. Flexible strategies that consider conventions, cognition, and rhetorical situation.

ENGL 308 Scientific Communication for Expert Audiences
3 crs. • F, Sp • GE-IA • P: Grade of C or above in ENGL 110 or equivalent.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Minimum junior standing. • Instructor Consent Required
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 • Not for GE • P: CJ 210 and 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 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
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 357 Shakespearean Topics
3 crs. • F, Sp • GE-Iv • May be repeated for a maximum of 6 credits • P: Three credits of literature at the 300 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-Iv • 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 British authors within the period ranging from 1790 to the present.

ENGL 362 Studies in Transatlantic Romanticism
3 crs. • GE-Iv • 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-Iv • 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
Through 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 Studies in Film
3 crs. • GE-Iv • 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 Topics in Film, Video, and Moving-Image Culture
4 crs. • GE-Iv • May be repeated for a maximum of 8 credits • P: ENGL 181 or consent of instructor.
Lecture/Studio Hours: 2.5 | Lab/Studio Hours: 3.5
• See current Class Schedule for specific theme or topic. Field trips 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. • Sp • Not for GE • 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 Travel Seminar
1-3 crs. • Not for GE • 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. • GE-Iv • 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 393 Student Mentor
1-3 crs. • F, Sp • Not for GE, SV • 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.
ENGLISH

ENGL 395 Directed Studies
1-3 crs. • F, Sp, Su • Not for GE • 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. • GE-JVD • P: Credit may not be earned in both ENGL 396 and WMNS 396.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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, Sp • Not for GE; SL • May be repeated for a maximum of 4 credits • P: Grade of B or above in ENGL 100 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 • Not for GE; SO • 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.

ENGL 399 Independent Study - Juniors
1-3 crs. • F, Sp, Su • Not for GE • May be repeated • P: Minimum junior standing. • Department Consent Required

ENGL 409 Grant Proposal Writing
3 crs. • Not for GE • 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 Creative Writing Workshop - Poetry
3 crs. • F • Not for GE • 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 Creative Writing Workshop - Fiction
3 crs. • F • Not for GE • 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 Seminar in Nonfiction Writing
3 crs. • F • Not for GE • 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 Writing for Children
3 crs. • Not for GE • 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 Seminar in Science and Nature Writing
3 crs. • V • Not for GE • 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 • Not for GE • 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. • F, Sp • Not for GE • 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 Seminar in Linguistic Research
3 crs. • Sp even years • Not for GE • May be repeated for a maximum of 6 credits • P: ENGL 221 or CJ 220; or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Seminar in World/Postcolonial Literature
3 crs. • V • Not for GE • 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 Seminar in American Literature Before 1865
3 crs. • V • Not for GE • 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 Seminar in American Literature Since 1865
3 crs. • V • Not for GE • 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 Seminar in Early British Literature
3 crs. • F, Sp • Not for GE • 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 Seminar in Scientific and Technical Communication
3 crs. • Not for GE • P: ENGL 210, 221, 284, 305, 308, and at least one of the following: ENGL 307, 335, 409, 415, 458; or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.
ENGLISH

ENGL 459 Seminar in British Literature After 1790
3 crs. • V • Not for GE • 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 Seminar in American Ethnic Literature
3 crs. • V • Not for GE • 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. • F, Sp • Not for GE, 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 Seminar in Critical Theory
3 crs. • V • Not for GE • 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
• Others may enroll with the instructor's permission. See current Class Schedule for specific theme or topic.
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).

ENGL 496 Seminar in Women's Literature
3 crs. • V • Not for GE • May be repeated for a maximum of 6 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 literature authored by women—e.g., theory of Women's 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 • Not for GE • 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. • Not for GE; Sr, IN • May be repeated for a maximum of 6 credits • P: Five hours of work experience per week per credit. Twelve credits in writing beyond freshman composition (certain internships may carry special course requirements: see available offerings). Open to Writing Minors and English majors only. • Department Consent Required
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, Su • Not for GE • May be repeated • P: Minimum senior standing. • Department Consent Required

FOREIGN LANGUAGES

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. 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 Multidisciplinary Programs).

OTHER LANGUAGES OFFERED

In addition to the major and minor 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 202, including 315, 325, 335 or 340, 345, 354, 355, 361, 362, 401, and three credits of advanced literature. In addition, the student must take one course from the following list: Arth 217, 327; Hist 102, 314, 324, 326, 360, 383, 384; Poli 310, 327; Rels 309.

MAJOR: FRENCH, Teaching (Code 260-203)
A minimum of 36 semester credits beyond Fren 102, including 201, 202, 315, 325, 335, 345, 354, 355, 361, 362, 401; Flg 378; and three credits of advanced literature. In addition, the student must take one course from the following list: Arth 217, 327; Hist 102, 314, 324, 326, 360, 383, 384; Poli 310, 327; Rels 309. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach French in Early Childhood through Adolescence classrooms.
FOREIGN LANGUAGES

MINOR: FRENCH, Liberal Arts (Code 260-401)
A minimum of 24 semester credits beyond Fren 102, or 16 semester credits beyond 202, including 315, 325, 335 or 340, 345, and 354 or 355.

MINOR: FRENCH, Teaching
A minimum of 24 semester credits beyond Fren 102, including 201, 202, 315, 325, 335, 345, 354 or 355; and Flg 378.

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 (or 315), 314 (or 316), 325, 340, 351, 352, and one 400-level German literature course selected from 491, 492, 494, 498. 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.

Business/Professions Emphasis (Code 280-203)
This emphasis requires Germ 314, 315, 316, 352, 358, 413 and at least two credits of Flg 275 (Off-campus Experience) to be completed in a German-speaking country. In addition, the student must take three courses from the following list: Germ 325, 340, 351, 353, 356, 491, 492, 494, 498. Courses taken must include at least one course in literature or film selected from Germ 340, 356, 491, 492, 494, 498.

MAJOR: GERMAN, Teaching (Code 280-204)
A minimum of 36 semester credits in German beyond Germ 102, including Germ 201, 202, 313 (or 315), 314, 325, 340, 352, 353, 413; and Flg 378. 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. 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 (or 315), 314 (or 316), 340, 351, 352.

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, including 201, 202, 313, 314, 325, 340, 352; and Flg 378. In addition, the student must take one course at the 300 or 400 level (excluding Germ 315 and 316).

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 280-405)
ES 437 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 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.
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 410, 411; 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 MINOR: SPANISH, three of the following: Span 409, 420, 421, or 440. Sixteen credits selected from: Span 301, 306, 320, 420; Span/LAS 312; Span/LAS 352 or Span 356.

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.

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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.

CAPSTONE EXPERIENCE

All foreign language majors are required to complete a capstone experience that consists of 1) work that documents progress and achievement in the language or 2) a Field Study on language and culture completed during a study abroad program. Students who are unable to take advantage of a study abroad program are expected to complete a similar field study on ethnic groups of the target language and culture living in the U.S., either now or in the past.

Foreign language majors should consult with their adviser as early as possible for planning the Capstone Experience.

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.
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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.

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-) and 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 39. 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 58 and 230, 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, Leipzig 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 Beth Kozbial Ernst, 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  •  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
Continuation of Chinese 201.

**CHIN 202 Intermediate Chinese**
4 crs.  •  F  •  GE-IA  •  P: CHIN 201 or equivalent.
Lecture/Discussion Hours: 4  |  Lab/Studio Hours: 1
Continuation of Chinese 201.

**CHIN 210 Intensive Intermediate Chinese (Mandarin)**
16 crs.  •  F, Sp  •  GE-IA  •  P: CHIN 110
Lecture/Discussion Hours: 16  |  Lab/Studio Hours: 6
Continuation of Chinese 210.

**ENGLISH AS A SECOND LANGUAGE (ESL)**

**ESL 101 Integrated English Language Skills for Non-Native Speakers I**
8 crs.  •  F, Sp, Su  •  Not for GE  •  P: Only open to non-native speakers of English.  •  Department Consent Required
Lecture/Discussion Hours: 8  |  Lab/Studio Hours: 2
This beginning level multi-skills 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  •  Not for GE  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
This course is designed to develop vocabulary needed for university study.

**ESL 125 Cross-Culture Talk for ESL Students**
2 crs.  •  F, Sp, Su  •  Not for GE  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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  •  Not for GE; Field Trip(s) Required  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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  •  Not for GE  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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  •  Not for GE  •  P: Only open to non-native speakers of English.  •  Department Consent Required
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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  •  Not for GE  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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 250 Oral Presentation Skills for Non-Native Speakers of English**
2 crs.  •  F, Sp, Su  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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  •  Not for GE  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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.  •  F, Sp  •  Not for GE  •  May be repeated for a maximum of 4 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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  •  Not for GE  •  May be repeated for a maximum of 6 credits  •  P: 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  •  Not for GE  •  P: Only open to non-native speakers of English.  •  Department Consent Required
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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.  •  Not for GE  •  May be repeated for a maximum of 6 credits  •  P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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.
FOREIGN LANGUAGES

ESL 310 Multicultural Literature for Non-Native Speakers of English
3 crs. • E, Sp, Su • Not for GE • May be repeated for a maximum of 4 credits
• P: Only open to non-native speakers of English.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Designed to develop analytical and critical thinking skills through the study of multicultural literature.

ESL 320 Business English for Non-Native Speakers
2 crs. • E, Sp, Su • Not for GE • May be repeated for a maximum of 4 credits
• P: For advanced levels of English proficiency only.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
• Field trips: 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. • E, Sp, Su • Not for GE • May be repeated for a maximum of 4 credits
• P: For non-native English speakers only.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

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.

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-JVD
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
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1
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
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1
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. • E, Wi, Sp, Su • Not for GE • 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 Special Topics in Teaching English to Speakers of Other Languages
3 crs. • Wi, Su • Not for GE • 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 • Not for GE • 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 • Not for GE
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 many factors that affect school performance of second language learners.

FLG 395 Directed Studies
1-4 crs. • Not for GE • 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.

FLTR 491 Special Topics
1-4 crs. • Not for GE • 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.

FOREIGN LITERATURE IN TRANSLATION (FLTR)

FLTR 250 Classical Mythology
3 crs. • F, Sp • GE-JVD
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 Spanish-American Literature in Translation
3 crs. • Sp • GE-JVD • P: Credits may not be earned in both FLTR 350 and LAS 350.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course introduces students to Spanish-American authors and their writings in a historical and social context.

FLTR 360 Readings in Ancient Literature
3 crs. • V • Not for GE • 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. • FC; GE-JVD
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 401 Special Topics
1-3 crs. • V • Not for GE • 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. • E, 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. • E, 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 250 Study Abroad Orientation  
1 cr. • F • Not for GE • SU Only Grade Basis • P: Acceptance into the UWEC study abroad program in France. Minimum resident and total GPA of 2.80.  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0  
Preparation for study abroad in France. Presentation and discussion of cultural topics.

FREN 315 Advanced Grammar in Context  
3 crs. • Not for GE • 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 • Not for GE • 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 Expression Ecrite et Orale  
3 crs. • F, Sp • FC; Not for GE • 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. • F, Sp • FC; Not for GE • 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 Francais Professionnel 1 (CFP 1), an internationally recognized diploma in French for business.

FREN 345 Introduction to Literary Analysis  
3 crs. • F • GE-IVD • P: FREN 335 (or 301 and 310), or 300 level language proficiency, or consent of instructor.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Reading of selected poems, plays, and prose fiction; practice in writing analytical essays.

FREN 354 History of French Civilization  
3 crs. • Sp • GE-IVD • P: FREN 335, 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 Contemporary French Civilization  
3 crs. • F • GE-IVD • P: FREN 335, 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 Survey of French Literature I  
3 crs. • F • GE-IVD • P: FREN 345, or 300 level language proficiency, or consent of instructor.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Masterpieces of literature prior to the French Revolution.

FREN 362 Survey of French Literature II  
3 crs. • Sp • GE-IVD • P: FREN 345, or 300 level language proficiency, or consent of instructor.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Masterpieces of literature since the French Revolution.

FREN 395 Directed Studies  
1-3 crs. • Not for GE • 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. • Not for GE • May be repeated • P: Minimum junior standing • Department Consent Required

FREN 401 Advanced Conversation  
3 crs. • Sp • Not for GE • P: FREN 335  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Intensive practice in conversation derived from assigned topics.

FREN 450 Francophone Literature  
3 crs. • V • Not for GE • P: FREN 361 or 362. No credit if taken after FREN 491/691 when offered as the same topic, Francophone Literature.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
French-language literature by writers of countries and territories outside the European continent, such as Africa, the Caribbean, and the Americas.

FREN 463 Modern French Literature  
3 crs. • Not for GE • P: FREN 361 or 362.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
A study of major literary movements and trends in modern France.

FREN 480 The French Novel  
3 crs. • Not for GE • 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 The Theatre in France  
3 crs. • Not for GE • 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 Special Topics  
1-3 crs. • V • Not for GE • May be repeated for a maximum of 9 credits • P: FREN 361 or 362.  
Only 9 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. • Not for GE • 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 202 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 • Not for GE • SU 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. • F • 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.
FOREIGN LANGUAGES

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; Not for GE • P: GERM 202 or equivalent; recommended to take after study abroad.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the German business environment. Including thorough grammar review and specialized vocabulary. Course language is German. (In sequence with German 316 leading to examination for International Business German Certificate.)

GERM 316 German for Professional Communication II
3 crs. • Sp • FC; Not for GE • 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 The German Sound System
3 crs. • F • Not for GE • P: GERM 315 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. • F • FC; GE-IVD • P: Fluency at the 300 level or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GERM 341 German Travel Seminar
3 crs. • GE-IVD • P: Credit cannot be earned in both GERM 341 and GERM 342.
• Instructor Consent Required

Three weeks of visits to some of the important centers of German speaking culture, civilization, and history. Emphasis on major museums, music events, and cities of historical importance.

GERM 342 German Travel Studies
3 crs. • Sp • Not for GE • P: GERM 102. Credit cannot be earned in both GERM 341 and GERM 342.
• To be taught only in the study abroad program in Germany.
Travel to representative centers of German speaking culture, civilization, history, industry, and commerce. Conducted in German.

GERM 351 German Civilization and Culture to 1781
3 crs. • F • GE-IVD • P: Fluency at the 300 level; recommended to take after study abroad.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

GERM 352 German Civilization and Culture, 1871-1945
3 crs. • Sp • FC; GE-IVD • P: Fluency at the 300 level; recommended to take after study abroad.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Discussion of Germany, from “Second” to “Third Reich,” with special emphasis on the Weimar Republic and the cultural forces that shaped National Socialism. Course language is German.

GERM 353 Postwar German Culture and Civilization
3 crs. • F • 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 at the study abroad site in Germany.
A comprehensive view of the cultural, social, and political life in postwar Germany, from allied occupation to unification. Course language is German.

GERM 354 Studies in German Film
3 crs. • FC; GE-IVD • May be repeated for a maximum of 6 credits • P: Fluency in German at the 300 level.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• See current Class Schedule for specific topic.
Studies in German film as a distinct medium of artistic expression of the social, historical, cultural values, and perspectives of German society. Film terms, techniques, an overview of German film. Specific topics may vary from semester to semester.

GERM 355 Introduction to Translation
2 crs. • F • Not for GE • P: GERM 315 or 313.
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 356 German Regional History
3 crs. • Sp • Not for GE • P: GERM 201 or equivalent. Minimum resident GPA of 2.80.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• To be taught only in the study abroad program in Germany.
Study of regional history and its significance in a larger context.

GERM 357 Directed Studies
1-3 crs. • F, Sp • Not for GE • 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. • Not for GE • May be repeated • Department Consent Required

GERM 413 Structure of German in Contrast
3 crs. • Sp • Not for GE • P: GERM 313 or 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 491 Special Topics
1-3 crs. • Not for GE • May be repeated • P: GERM 313 or 315 or consent of instructor.

• No more than three credits may be applied to major or minor.
Topics and credits will vary depending on interests of students and faculty. Topics may be a specific literary movement or a specific literary figure.

GERM 492 German Drama in Word and Image
3 crs. • Sp • Not for GE; Field Trip(s) Required • May be repeated for a maximum of 6 credits • P: GERM 340 or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• See current Class Schedule for specific theme or topic.
Intensive reading of plays that explore cultural and political issues in Germany-speaking countries. Specific topics may vary from semester to semester.

GERM 494 Age of Innocence: Pre-Twentieth Century German Prose
3 crs. • Sp • Not for GE • May be repeated for a maximum of 6 credits • P: GERM 340 or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Intensive reading of novels and novellas that mirror the search for a German cultural identity between the ages of early enlightenment and pre-WW1 naturalism. Reading selections may vary from semester to semester.

GERM 498 German Poetry
3 crs. • Sp • Not for GE • P: GERM 340 or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Analysis, discussion, and some translation of significant poems by poets writing in German from about 1775 to the present.
GERM 499 Independent Study - Seniors
1-3 crs. • Not for GE • 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 202
Review of Classical Greek grammar and vocabulary with focus on translation skills. Students will gain an 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
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
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.
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.

JAPN 201 Intermediate Japanese I
4 crs. • F • GE-IA • P: JAPN 102 or suitable placement score on Japanese Placement Exam.
Review of Japanese grammar and vocabulary with focus on the development of reading, writing, speaking, and listening skills. Students gain an understanding of Japanese culture through a variety of topics.

JAPN 202 Intermediate Japanese II
4 crs. • Sp • GE-IA • P: JAPN 201 or suitable placement score on Japanese Placement Exam.
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.
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.
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
A foundation in spoken and written Latin, listening and reading comprehension, grammatical usage, and cultural backgrounds.

LAT 102 Beginning Latin
4 crs. • Sp • GE-IA • P: LAT 101
Continuation of Latin 101.

RUSSIAN (RUSS)

RUSS 101 Beginning Russian I
4 crs. • F • GE-IA
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
Continuation of Russian 101.

SPANISH (SPAN)

SPAN 101 Beginning Spanish I
4 crs. • F; Sp • GE-IA • P: Placement test required.
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.
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.
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.
Continuation of Spanish 201.

SPAN 222 Spanish Travel Seminar
1-3 crs. • GE-FDV • 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. • F; Sp; Su • Not for GE • P: SPAN 102. Credit may not be earned in both SPAN 201 and SPAN 231.
Continuation of Spanish 201.
FOREIGN LANGUAGES

SPAN 232 Communication in the Professions II
4 crs. • F, Sp, Su • Not for GE • 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. • F • Not for GE • 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 • Not for GE • 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 308 Mesoamerican Literature
3 crs. • F, Sp • P: SPAN 301 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 311 Latinos in the U.S.
2 crs. • F, Sp • CD2; GE-IVD • P: SPAN 301 or consent of instructor. Credit may not be earned in both SPAN 312 and LAS 312.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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 312 Latinos in the U.S.
2 crs. • F, Sp • CD2; GE-IVD • P: SPAN 301 or consent of instructor. Credit may not be earned in both SPAN 312 and LAS 312.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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 Spanish for the Health Professions I: Translation
3 crs. • F, Sp • Not for GE • P: SPAN 202 or 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 Phonetics and Pronunciation
3 crs. • F, Sp • Not for GE • 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. • Not for GE • 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 350 Spanish Civilization to 1900
3 crs. • F • 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 351 Spanish Civilization to 1900
3 crs. • F, Sp odd years • GE-IVD • P: SPAN 367 and LAS 367.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Study and literary analysis of the work of the principal writers of Spanish Peninsular Literature, organized by genres (prose, poetry, theatre). Designed as introduction for advanced literature courses.

SPAN 352 Contemporary Spanish 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
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 355 Spanish Civilization to 1900
3 crs. • F • 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. • 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 Survey of Spanish American Literature
3 crs. • F, Sp odd years • GE-IVD • P: SPAN 302; recommended to take after study abroad.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Study and literary analysis of the work of the principal writers of Spanish American Literature from indigenous to contemporary literature.

SPAN 365 Survey of Hispanic American Literature
3 crs. • F, Sp • FC; GE-IVD • P: SPAN 302 or consent of instructor; recommended to take after study abroad. Credit may not be earned in both SPAN 367 and LAS 367.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Study and literary analysis of the work of the principal writers of Spanish American Literature from indigenous to contemporary literature.

SPAN 366 Spanish Literature from Unamuno to Garcia Lorca
3 crs. • Not for GE • P: SPAN 352 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 367 Contemporary Spanish Literature
3 crs. • Not for GE • P: SPAN 363, or SPAN/LAS 367, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Continuation of Spanish 385/585. Spanish writers since 1940.

SPAN 395 Directed Studies
1-3 crs. • Not for GE • 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.  •  Not for GE  •  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 The Craft of Translation
3 crs.  •  F, Sp  •  Not for GE  •  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 Advanced Grammar
3 crs.  •  F, Sp  •  Not for GE  •  P: SPAN 302
Advanced study of vocabulary, idioms, and grammar based on selected model written texts.

SPAN 420 Spanish for Health Professions II: Interpretation
3 crs.  •  F, Sp  •  Not for GE  •  P: SPAN 320
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Discussion 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  •  Not for GE  •  P: SPAN 302
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Taught entirely in Spanish.

SPAN 424 Understanding Spain
3 crs.  •  F  •  Not for GE  •  P: SPAN 302
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Study of the most important novelist of Spanish America, from 1850 to 1950.

SPAN 476 The Novel in Spanish America I: 1850-1950
3 crs.  •  F  •  Not for GE  •  P: SPAN 363, or SPAN/LAS 367, or consent of instructor. Credit may not be earned in both SPAN 476 and LAS 476.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Study of the most important novelist of Spanish America, from 1850 to 1950.

SPAN 477 The Novel in Spanish America II: 1950-Present
3 crs.  •  F  •  Not for GE  •  P: SPAN 363, or SPAN/LAS 367, or consent of instructor. Credit may not be earned in both SPAN 477 and LAS 477.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Continuation of SPAN/LAS 476. Covers period from 1950 to the present.

SPAN 490 Spanish American Literature and Film
3 crs.  •  F even years  •  FC; Not for GE  •  P: SPAN 363 or SPAN/LAS 367.
Credit may not be earned in both SPAN 480 and LAS 480.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
This course is an in-depth study of contemporary Spanish American literature and the film versions of the literature in their historical and social contexts.

SPAN 492 Women in Spanish American Literature
3 crs.  •  Sp odd years  •  FC; Not for GE  •  P: SPAN 363 or SPAN/LAS 367.
Credit may not be earned in both SPAN 482 and WMNS 482.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 493 Special Topics
1-3 crs.  •  Not for GE  •  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.
An 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.  •  Not for GE  •  May be repeated  •  P: Minimum senior standing.  •  Department Consent Required

Geography and Anthropology

PHILLIPS 261
(715) 836-3244
www.uwec.edu/Lists/Acad.htm

DOUGLAS FAULKNER, CHAIR

ARI ANAND, ROBERT BARTI, JEFF DEGRAVE, SEAN HARTNETT, CHRISTINA HUPY, JOSEPH HUPY, HARRY JOI, PAUL KALDBAN, GARRY RUNNING, B. JILL SMITH, DANIEL STROUTHES, INZOLF VOGLER, RYAN WEICHL, EZRA ZEITLER.

Honor Societies and Student Organizations:

GTU: Gamma Theta Upsilon is a national honor society in geography. Contact: Douglas Faulkner, faulkndj@uwec.edu

Geography Club
Contact: Joe Hupy, hupypj@uwec.edu or Ezra Zeitler, zetleej@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.
Two semesters BEFORE graduation, Geography Majors must complete a form to certify their selected courses from the Advanced Geography Approaches.

**Geography Curriculum**

**Foundations of Geography**
- I N T R O D U C T I O N
  - 104 Physical Geography
  - 111 Human Geography
  - 178 Conservation
- T E C H N I Q U E S
  - 200 Geography Techniques

**Advanced Geography Approaches**

<table>
<thead>
<tr>
<th>Geography Major (min. 36 credits)</th>
<th>Required courses</th>
<th>13 credits</th>
<th>3 (328 Quantitative Methods) + 3 (335 GIS) = 6 credits</th>
<th>3 credits</th>
<th>Total required credits: 22</th>
</tr>
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<tbody>
<tr>
<td>Advanced courses</td>
<td></td>
<td></td>
<td>5 courses from any 3 of the 5 Advanced Geography Approaches</td>
<td></td>
<td>Total advanced credits:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 credits</td>
<td>min. 14</td>
<td></td>
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<table>
<thead>
<tr>
<th>Geography Minor (min. 24 credits)</th>
<th>Required courses</th>
<th>13 credits</th>
<th>4 courses from any 3 of the 5 Advanced Geography Approaches</th>
<th>Total required credits: 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced courses</td>
<td></td>
<td></td>
<td>3 credits</td>
<td>min. 11</td>
</tr>
</tbody>
</table>

**Comprehensive Major, Environmental Geography:** Geography Major coursework plus 12 credits from environmental courses from other disciplines (selected with the 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 the 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 the 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 the consent of the adviser) to complete at least 24 credits.

The following courses can be applied to any of the 5 approaches with the consent of the adviser:

- 395 Directed Studies
- 399 Independent Study—Juniors
- 491 Special Topics
- 498 Community Internship—Geography
- 499 Independent Study—Seniors

- 280 Cartography
- 328 Quantitative Methods
- 335 GIS
- 338 Remote Sensing
- 339 Computer Mapping
- 435 Advanced GIS
- 438 Advanced Remote Sensing

**Professional Geographers**

**C A P S T O N E**
- 401 Capstone Seminar

**Source:** U.S. Bureau of the Census

**Map 1 & Map 2 & Map 3**

- Map 1 shows the largest absolute number of each U.S. Census racial groups other than Whites by county.
- Map 2 shows Whites as a percent of total population.
- Map 3 adds the percent of the dominant non-White group in each county.

**Map 1** shows the largest absolute number of each U.S. Census racial groups other than Whites by county.

**Map 2** shows Whites as a percent of total population.

**Map 3** adds the percent of the dominant non-White group in each county.

- Whites % of Population
  - 88.8% - 99.7%
  - 75.6% - 88.7%
  - 52.2% - 75.5%
  - 4.5% - 52.1%

- Dominant Non-White Groups:
  - BLACK
  - HISPANIC
  - ASIAN
  - MULTI-RACE
  - OTHER

- Map by: Ingolf Vogeler & Brady Foust
  - October 12, 2007

- Source: U.S. Bureau of the Census

- Department of Geography
  - UW-Eau Claire

- Census 2000

- Logo
Geography in Early Adolescence through Adolescence classrooms.

Sciences: Education Studies: Option B or C and leads to licensure to teach

MAJOR: GEOGRAPHY, Liberal Arts

A minimum of 36 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.

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.


HUMAN GEOGRAPHY COURSES: Geog 155, 188, 322, 352, 367, 369, 446, 470.


REGIONAL GEOGRAPHY COURSES: Geog 301, 308, 319, 321, 325, 379.
GEOG 304 Introduction to Geomorphology
3 crs.  •  Not for GE; 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: 2
An introduction to physical processes that affect the Earth's surface and the landforms that result. The techniques of investigating landforms (field/labatory) and the fundamentals of communicating the results will be covered.

GEOG 308 Geography of Russia and Eastern Europe
3 crs.  •  FC; GE-IIC
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 Africa
3 crs.  •  F  •  GE-IIC; 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 Geography of Latin America
3 crs.  •  F  •  CD3; GE-IIC; P: Credit may not be earned in both GEOG 321 and LAS 321.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 Native Geographies
3 crs.  •  F  •  CD3; GE-IIC; Special Course Fee Required; Field Trip(s) Required  •  P: Credit may not be earned in both GEOG 322 and AN 322.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 even years  •  CD1; GE-IIC
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Introduction to the physical, cultural, economic, and political geography of 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  •  Not for GE; P: GEOG 200 recommended.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 Geographic Information Systems
3 crs.  •  F  •  Not for GE; P: GEOG 200 recommended.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 2
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 Remote Sensing of the Environment
3 crs.  •  Sp  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  P: GEOG 200 recommended.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Descriptive interpretation of remote-sensing images from ground, aerial, and space platforms.

GEOG 339 Computer Mapping
3 crs.  •  Sp  •  Not for GE  •  P: GEOG 200 and 280.
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 Climatology
3 crs.  •  Sp  •  Not for GE; 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; Special Course Fee Required  •  P: GEOG 104 or permission from 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 Environments
3 crs.  •  Sp even years  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  P: GEOG 304
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Covers, 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 Soils and the Environment
3 crs.  •  F  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  No Auditors  •  P: GEOG 104 or GEOG 110 or GEOG 115; and GEOG 304 or GEOG 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.  •  F even years  •  Not for GE; 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 Biogeography
4 crs.  •  F  •  Not for GE; 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
4 crs.  •  F  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  Instructor Consent Required
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 Analysis
4 crs.  •  F  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  P: GEOG 104 or GEOG 110 or GEOG 115; and GEOG 304 or GEOG 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 Landforms
4 crs.  •  Sp  •  Not for GE; Special Course Fee Required; Field Trip(s) Required  •  P: GEOG 104 or GEOG 110 or GEOG 115; and GEOG 304 or GEOG 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 Geographies
4 crs.  •  F  •  Not for GE; P: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOG 312.
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 367 Landscape Analysis: Cultural
1-3 crs. • GE-IIIC; Field Trip(s) Required • P: Minimum sophomore standing. Geographic analysis of cultural landscapes by means of field experiences.

GEOG 368 Landscape Analysis: Physical
1-3 crs. • Not for GE; Special Course Fee Required; Field Trip(s) Required • P: GEOG 304. Minimum sophomore standing. Geographic analysis of physical landscapes by means of field experiences.

GEOG 369 Geography of Food
3 crs. • F • GE-IIIC; Special Course Fee Required; Field Trip(s) Required • P: A geography course is recommended. Minimum sophomore standing. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 180 recommended. 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. • Sp • GE-IIIC; Special Course Fee Required • P: GEOG 178 or BIOL 180 recommended. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 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. • F • 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 Geography of Wisconsin
3 crs. • Sp • 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 • Not for GE; 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 Directed Studies
1-3 crs. • F, Sp, Su • Not for GE • 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 • Not for GE • 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. • Sp • Not for GE; CP; Special Course Fee Required • May be repeated for a maximum of 6 credits • P: Core courses (except capstone courses) required for all geography majors. • One week of directed field work is required. 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 • Not for GE • 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. • F odd years • Not for GE; 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. • F • 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. • Sp even years • 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 • CD1; Not for GE; 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, Su • Not for GE • 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 • Not for GE; SE; 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 • Not for GE • 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 161 Introduction to Cultural Anthropology
3 crs. • F, Sp • FC; GE-IIIA • P: Credit may not be earned in both ANTH 161 and AHS 161. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 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 • GE-IIIA 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-IIIA 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. • GE-IIIA 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. • Not for GE • 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. • Not for GE Topics will vary depending on interests of students and faculty.
GEOGRAPHY AND ANTHROPOLOGY

ANTH 315 Language in Culture and Society
3 crs. • FC; GE-IIIA
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.

ANTH 325 North American Indians
3 crs. • E, Sp • CD3; GE-IIIA • P: Previous completion of ANTH/AIS 161 strongly recommended. Credit may not be earned in both ANTH 325 and AIS 325.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Japanese Culture and Society
3 crs. • Sp • FC; GE-IIIA
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. • FC; GE-IIIA
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. • FC; GE-IIIA
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 Women in Cross-Cultural Perspective
3 crs. • FC; GE-IIIA • P: Credit may not be earned in both ANTH 356 and WMNS 356.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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. • Not for GE • 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. • Not for GE • 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 Anthropology of Law
3 crs. • GE-IIIA • 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 463 Religion and Culture
3 crs. • CD1; GE-IIIA • 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. • Not for GE • 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. • Not for GE • 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
www.uwec.edu/Lists/Acad.htm
KENT SYVERSON, INTERIM CHAIR

KATHERINE GROTE, KAREN HAVHOLM, ROBERT HOOPER, PHILLIP IHINGER, J. BRIAN MAHONEY, GEOFFREY PICNOTTA, 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 professionals 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.

CORE REQUIREMENTS FOR ALL LIBERAL ARTS AND TEACHING EMPHASSES IN THE COMPREHENSIVE GEOLOGY MAJOR
(25-27 credits)

Geol 106 Earth Science, or
110 Physical Geology, or
115 Environmental Geology, or
130/131 Societal Issues in Earth Science/Lab
312 Mineralogy and Petrology I
320 Sedimentology/Stratigraphy
470 Field Geology I
3 Chem 115 Chemical Principles (or equivalent)
3 CS 170 Computing for the Sciences and Mathematics

*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 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.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Geol 313</td>
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<td>330</td>
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<td>418</td>
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<tr>
<td>471</td>
<td></td>
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<tr>
<td>Math 215</td>
<td>4</td>
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</table>

* Phys 211 General Physics, or

Phys 231 University Physics I 5

*Students should be advised that a second semester of physics is usually required for entrance to graduate school.

**Electives:** at least three courses selected from: Geol 315 or 416, 336, 345 or 420, 445; and additional elective credits to total at least 60 credits selected from: Biol 110, 180, 308, 330, 345, 356, 375; Chem 213, 218, 433, 434, 442; Geog 335, 338, 345, 350, 363, 364; any geology course numbered 300 or above; Math 216, 246, 311, 324; Phys 212 or 223, 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.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>Geol 308</td>
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<td>315</td>
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<td>336</td>
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<td>445</td>
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<tr>
<td>Math 215</td>
<td>4</td>
</tr>
</tbody>
</table>

* Phys 211 General Physics, or

Phys 231 University Physics I 5

*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, 433, 434, 442; Geog 335, 338, 345, 350, 363, 364; any geology course numbered 300 or above; Math 216, 246, 311, 324; Phys 212 or 232, 226, 229, 350, 375.

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.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Geol 301</td>
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<td>308</td>
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<td>315</td>
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<td>345</td>
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<td>416</td>
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<tr>
<td>Biol</td>
<td>4</td>
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</tbody>
</table>

**Electives:** at least three courses selected from: Geol 315 or 416, 336, 345 or 420, 445; and additional elective credits to total at least 60 credits selected from: Biol 110, 180, 308, 330, 345, 356, 375; Chem 213, 218, 433, 434, 442; Geog 335, 338, 345, 350, 363, 364; any geology course numbered 300 or above; Math 216, 246, 311, 324; Phys 212 or 223, 226, 229, 350, 375.

Marine Geology Emphasis (Code 160-012)

Recommended for students planning careers in marine geology, oceanography, or related disciplines. This emphasis comprises the Core plus the required and elective credits as listed below.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Geol 336 Geochemistry</td>
<td>4</td>
</tr>
<tr>
<td>418 Earth History</td>
<td>4</td>
</tr>
<tr>
<td>442 Marine Science I: Oceanography*</td>
<td>5</td>
</tr>
<tr>
<td>333 Coastal Marine Geology*</td>
<td>3</td>
</tr>
<tr>
<td>Biol 110 Ecology and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>Math 114 Calculus I</td>
<td>4</td>
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<tr>
<td>Phys 211 General Physics, or</td>
<td>5</td>
</tr>
<tr>
<td>Phys 231 University Physics I</td>
<td>5</td>
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</tbody>
</table>

*Plus electives to total at least 60 credits selected from the following:

- Marine Phycology*, Marine Invertebrate Zoology*, Marine Science II: Marine Biology*; Chem 213, 218, 325, 326, 401, 426, 433, 434; or any geology course numbered 291 or higher.
*Courses available only during summer at the Gulf Coast Research Laboratory, Ocean Springs, Mississippi.

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 Institute of Technology. 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 Institute of Technology for an additional one to two years.

**Required Courses**

<table>
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<tbody>
<tr>
<td>Geol 313 Mineralogy and Petrology II</td>
<td>4</td>
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<tr>
<td>315 Hydrogeology I</td>
<td>4</td>
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<tr>
<td>330 Structural Geology, or</td>
<td>4</td>
</tr>
<tr>
<td>418 Earth History</td>
<td>4</td>
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<tr>
<td>345 Geomorphology and Aerial Photography Interpretation, or</td>
<td>3</td>
</tr>
<tr>
<td>420 Glacial Geology</td>
<td>3</td>
</tr>
<tr>
<td>416 Hydrogeology II</td>
<td>4</td>
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<tr>
<td>Biol 110 Ecology and Evolution</td>
<td>4</td>
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<tr>
<td>180 Conservation of the Environment</td>
<td>3</td>
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<tr>
<td>328 Conservation Biology, or</td>
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<tr>
<td>330 Population Ecology, or</td>
<td></td>
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<tr>
<td>375 Limnology and Aquatic Ecology, or</td>
<td></td>
</tr>
<tr>
<td>376 Aquatic Ecology</td>
<td>3-4</td>
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<tr>
<td>Geog 335 GIS</td>
<td>3</td>
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<tr>
<td>Math 114 Calculus I</td>
<td>4</td>
</tr>
</tbody>
</table>

Marine Geology Emphasis (Code 160-012)

Recommended for students planning careers in marine geology, oceanography, or related disciplines. This emphasis comprises the Core plus the required and elective credits as listed below.

**Required Courses**

<table>
<thead>
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<td>Phys 231 University Physics I</td>
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</tr>
</tbody>
</table>

*Plus electives to total at least 60 credits selected from the following:

- Marine Phycology*, Marine Invertebrate Zoology*, Marine Science II: Marine Biology*; Chem 213, 218, 325, 326, 401, 426, 433, 434; or any geology course numbered 291 or higher.
*Courses available only during summer at the Gulf Coast Research Laboratory, Ocean Springs, Mississippi.
GEOL 102 Oceanography 3 crs. • E; Sp • GE-BID
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. • E; Sp • GE-BID; LS; SOH: 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 GEOI 110 or GEOI 115, or GEOL 130 and 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.
GEOLOGY

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 130 and 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 110 or 115, or GEOL 130 and 131. No credit if taken after previous courses GEOL 101 or 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.

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 IDS 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 130 Societal Issues in Earth Science
3 crs. • F • GE-V; Field Trip(s) Required • A-F Grades Only • P: Must be taken with GEOL 131. Credit may be earned in only one of the following: GEOL 106 or GEOL 110 or GEOL 115, or GEOL 130 and 131.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Examination of social and economic impact of both instantaneous, catastrophic events such as earthquakes, volcanoes, and hurricanes and more inexorable events such as global climatic change and inevitable resource depletions.

GEOL 131 Societal Issues in Earth Science-Laboratory
1 cr. • F • GE-IID; LS; Special Course Fee Required; Field Trip(s) Required • A-F Grades Only • P: Must be taken with GEOL 130. Credit may be earned in only one of the following: GEOL 106 or 110 or 115, or GEOL 130 and 131.
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2
Lab/field component of Geology 130.

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. • Not for GE • 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 110, or 115, or 130 and 131, or GEOG 101, or 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 308 Water Resources
3 crs. • Sp • 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 • Not for GE; Special Course Fee Required; Field Trip(s) Required • P: GEOL 106, or 110, or 115, or 130 and 131; CHEM 103, or 101, or 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 • Not for GE • 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 Hydrogeology I
4 crs. • F • Not for GE; Field Trip(s) Required • P: GEOL 106, or 110, or 115; or 130 and 131; MATH 112, or 114, or 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 • Not for GE; 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 • Not for GE; 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 Introduction to Geochemistry
3 crs. • Sp • Not for GE • P: GEOL 312; CHEM 104 or 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 Analytical Geochemistry Laboratory
1 cr. • F • Not for GE • 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. • 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. • Not for GE; 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 will be stressed.

GEOL 365 Economic Mineral Deposits
3 crs. • Not for GE; 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 395 Directed Studies
1-3 crs. • Not for GE • 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. • Not for GE • May be repeated • P: Minimum junior standing • Department Consent Required
Individual research or studies of distinctive nature.

GEOL 416 Hydrogeology II
4 crs. • Sp • Not for GE; 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 • Not for GE; 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. • Not for GE; Field Trip(s) Required • P: GEOL 106, or 110, or 115, or 130 and 131; MATH 112, or 114, or 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 Engineering Geology and Geophysics
5 crs. • Sp • Not for GE; 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 470 Field Geology I
3 crs. • Sp • Not for GE; Special Course Fee Required • P: GEOL 312 and 320. • 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 odd years • Not for GE; 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 Advanced Special Topics
1-4 crs. • Not for GE • 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. • Not for GE • 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 transmitted 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 39566-7000. Phone: (228) 872-4200; or visit the Web site at www.usm.edu/gcrl.
NOTE 1: Hist 288 should be taken before any higher-numbered course if possible.
NOTE 2: Students pursuing an emphasis in public history must target their capstone project in Hist 489 at a public audience.

Division Requirements:
The Emphasis in Public History requires at least one course at any level from four of the following seven categories:
1. African and Middle Eastern History: Hist 302, 312, 366, 383, and Hist/Wmns 385
2. African American History: Hist 210 and 444
3. Asian History: Hist 152, 374, 375, 384, 387, 388, and 389
5. Gender or Family History: Hist 470; Hist/Wmns 205, 385, 394, 473, and 474
6. Latin American History: Hist/LAS 410, 411
7. Native American History: Hist/AIS 240, 468, and 482

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.

Thirty-six semester credits, including:

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<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. History 201</td>
<td>3</td>
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<tr>
<td>Choose one course from the following:</td>
<td></td>
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<tr>
<td>Hist 202, 210; Hist/AIS 240, or Hist/Wmns 205</td>
<td>3</td>
</tr>
<tr>
<td>II. Hist 124 and 125, World History</td>
<td>6</td>
</tr>
<tr>
<td>III. History electives at 300-400 level</td>
<td>18</td>
</tr>
<tr>
<td>IV. History Methodology</td>
<td></td>
</tr>
<tr>
<td>Hist 288 (take before any upper-level history course)</td>
<td>2</td>
</tr>
<tr>
<td>Hist 488</td>
<td>2</td>
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<tr>
<td>Hist 489</td>
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</tr>
</tbody>
</table>

Division Requirements:
Teaching majors must have one course at any level in Native American History (Hist/AIS 240, 468, and 482) and one course from at least four of the following six categories:
1. African and Middle Eastern History: Hist 302, 312, 366, 383, and Hist/Wmns 385
2. African American History: Hist 210 and 444
3. Asian History: Hist 152, 374, 375, 384, 387, 388, and 389
5. Gender or Family History: Hist 470; Hist/Wmns 205, 385, 394, 473, and 474
6. Latin American History: Hist/LAS 410, 411

MINOR: HISTORY, Liberal Arts (Code 380-401)
Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>I. History 201</td>
<td>6</td>
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<tr>
<td>II. History 101, 124, 125, 152, 184, 186, or 192</td>
<td>6</td>
</tr>
<tr>
<td>III. History electives at 300 and 400 level</td>
<td>12</td>
</tr>
</tbody>
</table>

NOTE 1: At least three credits at the upper division level must be in each of these areas—United States: Hist 384, 386, 430, 432, 434, 436, 438, 440, 442, 444, 454, 470, 476, 477, 480, 486; Hist/AIS 468, 482; Hist/Wmns 473.

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:

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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>I. History 124 and 125, World History</td>
<td>6</td>
</tr>
<tr>
<td>II. History 201</td>
<td>3</td>
</tr>
<tr>
<td>Choose from 202, 210; Hist/AIS 240, or Hist/Wmns 205</td>
<td>3</td>
</tr>
<tr>
<td>III. History Methodology</td>
<td>2</td>
</tr>
<tr>
<td>IV. History electives at 300 and 400 level</td>
<td>10</td>
</tr>
</tbody>
</table>


DEPARTMENT HONORS IN HISTORY
Eligibility: Upper-class majors with resident and total GPAs of 3.50 or higher and a 3.50 or higher in history courses.
Procedure: A written application for Department Honors in History shall be approved by the department chair.
Requirements: Completion of Alternative A, B, or C and the satisfactory completion of an oral examination to be given by at least three members of the faculty. Students will submit to the examining committee an honors paper, which should represent their best or most significant honors writing. The oral examination will focus on the honors paper and related fields. Students must maintain resident and total GPAs of 3.50 in both the major program and for all credits attempted to meet graduation requirements for successful completion of the program.
Alternative A: Six credits of Hist 492 and 496 with at least one honors seminar.
Alternative B: Nine credits of honors option courses. An honors option course is an upper division course in which a student chooses to do honors work. Each honors option requires the approval of the instructor and department chair. By the end of the second week of classes, the student must file a description of the honors work to be done in the course for approval by the department chair. As part of the honors work a paper/report must be written and filed with the department chair.
Alternative C: Seven to nine credits of 492 or 496 and honors option course(s).

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 101 Western Civilization to 1660
3 crs. • F, Sp • FC; GE-HVC
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Emergence of Western civilization. Special attention to social, economic, and intellectual developments in the ancient Near East, classical Greece and Rome, medieval Europe, the Renaissance, and the Reformation.

HIST 102 Western Civilization Since 1660
3 crs. • F, Sp • FC; GE-HVC
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.
HISTORY

HIST 124 World History to 1500
3 crs.  •  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 125 World History Since 1500
3 crs.  •  SF, 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 184 The Nazis and Germany, 1914-1945
3 crs.  •  FC, GE-IVC
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A global history of humankind. Focus 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 186 History of World War II
3 crs.  •  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 187 History of World War I
3 crs.  •  FC, GE-IVC
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Overview of the World War I era. ca. 1914-1918, examining root causes, conduct, and outcomes of the war from a world perspective.

HIST 192 Origins of Current World Conflicts
3 crs.  •  FC, GE-IVC
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A history of the Greeks beginning with the Bronze Age and continuing through the Alexandrian and Hellenistic period. Stress on cultural contributions of each successive period.

HIST 201 United States History to 1877
3 crs.  •  E, SF, 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 202 United States History Since 1877
3 crs.  •  E, SF, 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 203 American Women's History
3 crs.  •  E, SF, CD1; GE-IVC  •  P: Credit may not be earned in both HIST 205 and WMNS 205
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A survey of the history of women from precolonial 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 204 American History 1865 to Present
3 crs.  •  CD3; GE-IVC
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Course includes information on lynching, the Civil Rights Movement, and race relations.

HIST 205 American Indian History
3 crs.  •  CD5; GE-IVC  •  P: Credit may not be earned in both HIST 240 and AIS 240.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 206 American Women's History
3 crs.  •  E, SF, CD1; GE-IVC  •  P: Credit may not be earned in both HIST 205 and WMNS 205
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A survey of the history of women from precolonial 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 207 American History 1865 to Present
3 crs.  •  CD3; GE-IVC
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Course includes information on lynching, the Civil Rights Movement, and race relations.

HIST 208 American Indian History
3 crs.  •  CD5; GE-IVC  •  P: Credit may not be earned in both HIST 240 and AIS 240.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 280 History Travel Seminar
1-6 crs.  •  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.

HIST 288 Sophomore Seminar: Methods
2 crs.  •  F, SF  •  Not for GE; Field Trip(s) Required  •  A-F Grades Only  •  P: Limited to history majors and minors.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
This course will introduce students to methods of historical research as they relate to different historiographic traditions. Projects will enhance research, writing, oral communication, bibliographic and statistical skills. Students will work in collaboration with a senior mentor in History 488, Proseminar in History.

HIST 302 Ancient Near Eastern Civilizations
3 crs.  •  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.

HIST 304 Greek Civilization
3 crs.  •  GE-IVC  •  P: Six credits of history, or junior standing, or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Society and culture of ancient Greece. Special attention is given to the social, economic, intellectual, and religious history of the period between 800 B.C. and continuing through the Empire Age to the end of the third century.

HIST 308 Ancient Historiography
3 crs.  •  SF odd years  •  Not for GE  •  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 312 The Crusades
3 crs.  •  F, SF, SU  •  GE-IVC  •  P: Six credits of history, or junior standing, or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Examines the impact of “holy war” on all aspects of the lives of Christians, Muslims, and Jews during the Middle Ages.

HIST 314 The Renaissance
3 crs.  •  GE-IVC  •  P: Six credits of history, or junior standing, or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Renaissance in Italy and the North, 1300-1600. Emphasis on political, social, cultural, and intellectual facets.

HIST 315 The Age of Reformations
3 crs.  •  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 324 Nineteenth Century Europe, 1815-1914
3 crs.  •  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 Twentieth Century Europe, 1900 to Present
3 crs.  •  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 360 Modern France  
3 crs. • 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, arts and society, World War I and II, French imperialism, women and gender.

HIST 362 Modern Germany  
3 crs. • 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, Wilhelminian, Weimar, Nazi, and postwar period.

HIST 366 History of Middle East Since Muhammad  
3 crs. • FC; 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 371 History of the Modern Balkans  
3 crs. • 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 Imperial Russia, 1682-1894  
3 crs. • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Eighteenth and nineteenth century Russia with emphasis on the development of the Russia's role in Europe.

HIST 375 Twentieth Century Russia  
3 crs. • 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 379 History of Modern East Europe  
3 crs. • 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 Comparative Genocide  
3 crs. • F, Sp • 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 Imperialism Since 1800  
3 crs. • E, Sp • 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 Development of Modern Africa  
3 crs. • 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.
HISTORY

HIST 410 Latin America Through Independence
3 crs. • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 410 and LAS 410. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

HIST 411 Latin America Since Independence
3 crs. • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 411 and LAS 411. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

HIST 430 Colonial America
3 crs. • 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 432 The Era of the American Revolution
3 crs. • 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 434 Early Nationalism and Jacksonian Democracy
3 crs. • 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 436 Sectionalism, Civil War, and Reconstruction
3 crs. • 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 438 America in Transition, 1877-1917
3 crs. • 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 440 History of the United States, 1917-1945
3 crs. • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 U.S. in World War I, the 1920s, Crash and Depression, the New Deal, and U.S. in World War II.

HIST 442 Recent US History (1945-Present)
3 crs. • 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 444 African American Civil Rights Movement, 1914-Present
3 crs. • E, Sp • 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 454 American Economic History
3 crs. • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 What is the basis of American prosperity? Emphasizes how Americans responded to prices and markets over three centuries in building a changing production mix of labor, capital, and resources amid conflicting claims of efficiency and fairness.

HIST 458 History of Westward Expansion
3 crs. • 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 468 Studies in American Indian History
1-3 crs. • CDV; GE-IVC • May be repeated for a maximum of 9 credits • P: Six credits of history, or junior standing, or consent of instructor. 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.

HIST 470 History of the Family in America
3 crs. • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 470 and WMNS 470. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 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 473 American Women's History to 1870
3 crs. • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 473 and WMNS 473. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 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 474 American Women's History Since 1870
3 crs. • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 474 and WMNS 474. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 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 476 World War I and II Military
3 crs. • Su even years • 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 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 480 History of Wisconsin
3 crs. • 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 482 Wisconsin Indian History
3 crs. • F, Sp • CD3; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0 Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

HIST 486 Seminar in Public History
3 crs. • E, F, Sp • Not for GE; SL; 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 project.

HIST 488 Proseminar in History
2 crs. • E, F, Sp • Not for GE; SL; CP • A-F Grades Only • P: 21 credits in history, including HIST 288. Limited to history majors and minors. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0 Common readings on a topic selected by the instructor and preparation of an individual research project in that topic, to be completed in History 489.
HISTORY

HIST 489 Research Seminar
2 crs. • F, Sp, Su • Not for GE; SO, CP • A-F Grades Only • P: HIST 488. Limited to history majors and minors. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0. Capstone experience in which the student develops a major research project for presentation to the class and evaluation by the history faculty which will reflect the writing, reading, and analytical skills that the student has developed in the history major or minor.

HIST 491 Special Topics
1-3 crs. • Not for GE • 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. • Not for GE • 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 • Not for GE. • 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; IN • Not for GE. • May be repeated • 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. • Not for GE; SO • 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
www.uwec.edu/Lists/Acad.htm

ALEXANDER SMITH, CHAIR

ROBERT ANDERSEN, GWENDOLYN APPLEBAUGH, WILLIAM APPLEBAUGH, SHYAM CHADHA, VENI CHADHA, JOHN DROST, COLLEEN DUFFY, MOHAMED ELGINDI, SCOTT GAULKE, CLAUDIA GAMATI, MARC GOULET, SUSAN HARRISON, RICHARD HEGG, CHRISTOPHER HLS, MICHAEL HOLLOWAY, JESSICA KRAKER, DIANE MASARIK, NICHOLAS PASSELL, MICHAEL PENKAVA, KRISTOPHER PRESLER, WALTER REID, DONALD RENALDO, MANA RHEI, CARL SCHOFEN, SHERRIE SERRUS, SIEMI TONG, JAMES WALKER, VICKI WHELTLE.

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, and Math 493, plus additional mathematics courses numbered above 310.

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.
MATHEMATICS

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, 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, 493; at least two courses selected from Math 316, 425, 460, 470; Econ 103 or 103, 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, 493; and additional credits to be chosen from mathematics courses numbered above 310. 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 Multidisciplinary Programs.

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 310. 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: 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.

MATH

MATH 10 Basic Mathematics and Elementary Algebra
4 crs. • F, Sp • Not for GE • 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 • Not for GE • 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 • 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>GE Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus</td>
<td>4</td>
<td>GE-IB</td>
<td>P: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.</td>
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<td>Lecture/Discussion Hours: 4</td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MATH 111</td>
<td>A Short Course in Calculus</td>
<td>4</td>
<td>GE-IB</td>
<td>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.</td>
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<td>Lecture/Discussion Hours: 4</td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MATH 112</td>
<td>Precalculus Mathematics</td>
<td>4</td>
<td>GE-IB</td>
<td>Not for GE</td>
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<td>MATH 113</td>
<td>Trigonometry</td>
<td>2</td>
<td>GE-IB</td>
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<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
<td>GE-IB</td>
<td>Not for GE</td>
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<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 2</td>
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<tr>
<td>MATH 184</td>
<td>Honors Calculus I</td>
<td>1</td>
<td>GE-IB</td>
<td>Not for GE</td>
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<td>Lecture/Discussion Hours: 1</td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MATH 203</td>
<td>Mathematics for Elementary/Middle School Teachers I</td>
<td>3</td>
<td>GE-IB</td>
<td>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. May not be counted for credit toward a major or minor in mathematics.</td>
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<tr>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MATH 204</td>
<td>Mathematics for Elementary/Middle School Teachers II</td>
<td>3</td>
<td>GE-IB</td>
<td>P: MATH 203. Limited to elementary and special education majors and minors. Counts only toward the elementary teaching minor in mathematics.</td>
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<td>MATH 212</td>
<td>Calculus and Business Mathematics</td>
<td>3</td>
<td>GE-IB</td>
<td>P: MATH 111 or II4.</td>
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<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
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<td>P: MATH 114</td>
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<td>MATH 216</td>
<td>Calculus III</td>
<td>4</td>
<td>GE-IB</td>
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<td>Lecture/Discussion Hours: 4</td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MATH 305</td>
<td>Mathematics for Elementary/Middle School Teachers III</td>
<td>3</td>
<td>GE-IB</td>
<td>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.</td>
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<tr>
<td>Lecture/Discussion Hours: 3</td>
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<td>MATH 345</td>
<td>Introduction to Statistics</td>
<td>3</td>
<td>GE-IB</td>
<td>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.</td>
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<td>Lecture/Discussion Hours: 3</td>
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<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>3</td>
<td>GE-IB</td>
<td>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 345, 347 or PSYC 265. Credit may not be earned in both MATH 245 and 246.</td>
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<td>Lecture/Discussion Hours: 4</td>
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<tr>
<td>MATH 247</td>
<td>Multivariable Calculus</td>
<td>4</td>
<td>GE-IB</td>
<td>P: MATH 215 or concurrent registration.</td>
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<tr>
<td>MATH 255</td>
<td>statics</td>
<td>3</td>
<td>GE-IB</td>
<td>P: Not for GE</td>
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<td>MATH 256</td>
<td>Dynamics</td>
<td>3</td>
<td>GE-IB</td>
<td>P: MATH 215 and 255.</td>
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<td>Lab/Studio Hours: 0</td>
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<td>MATH 285</td>
<td>Honors Calculus II</td>
<td>1</td>
<td>GE-IB</td>
<td>P: B+ or above in MATH 216. Must be taken with MATH 216.</td>
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<td>Lecture/Discussion Hours: 1</td>
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<tr>
<td>MATH 291</td>
<td>Special Topics</td>
<td>1-3</td>
<td>Not for GE</td>
<td>May be repeated for a maximum of 9 credits.</td>
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<tr>
<td>Topics will vary, depending on interest of students and faculty.</td>
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<td>Lecture/Discussion Hours: 1-3</td>
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<tr>
<td>MATH 304</td>
<td>Mathematics for Elementary/Middle School Teachers IV</td>
<td>3</td>
<td>GE-IB</td>
<td>P: MATH 204 or consent of the mathematics department.</td>
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<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MATH 305</td>
<td>Mathematics for Elementary/Middle School Teachers III</td>
<td>3</td>
<td>GE-IB</td>
<td>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.</td>
</tr>
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<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
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<td>MATH 306</td>
<td>Mathematics for Elementary/Middle School Teachers IV</td>
<td>3</td>
<td>GE-IB</td>
<td>P: MATH 204 or consent of the mathematics department.</td>
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<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
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</table>
MATH 307 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 Differential Equations  
3 crs. • F, Sp • Not for GE • P: MATH 216. Credit may not be earned in both MATH 311 and MATH 312.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  

MATH 312 Differential Equations and Linear Algebra  
4 crs. • F, Sp • Not for GE • 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 Digital Signal Processing  
3 crs. • F • Not for GE • 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 Discrete Mathematics  
3 crs. • F, Sp • GE-II • P: MATH 114 or 212. No credit if taken after CS 240.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
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 Advanced Calculus I  
3 crs. • Not for GE • 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 Introduction to Real Analysis  
3 crs. • F, Sp • Not for GE • P: MATH 216 and 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 • Not for GE • P: MATH 316  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Differentiation and integration in Rn, Riemann-Stieltjes integrals, 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 Introduction to Complex Variables  
3 crs. • Sp • Not for GE • 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 • Not for GE • P: II credits in mathematics to include MATH III or 314; 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 Linear Algebra and Matrix Theory  
3 crs. • F, Sp • Not for GE • 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 354 Introduction to Mathematical Modeling
4 crs. • Sp • Not for GE • 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 Linear Programming
3 crs. • F odd years • Not for GE • 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 Introduction to Optimization
3 crs. • Sp odd years • Not for GE • 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 Studies of Women in Mathematics
3 crs. • GE-V • May be repeated for a maximum of 6 credits • P: WAMS 100 or 215 or 250 or 301; completion of mathematics competency. Credit may not be earned in both MATH 363 and WAMS 363.
Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0
• May not be counted for credit toward a major or minor in mathematics except in elementary education.

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
Provides tools and concepts needed in problem solving in a variety of disciplines.

MATH 395 Directed Studies
1-3 crs. • F, Sp, Su • Not for GE • 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
3 crs. • F, Sp • Not for GE • May be repeated • P: Minimum junior standing. • Department Consent Required

MATH 425 Abstract Algebra I
3 crs. • Sp, Su • Not for GE • P: MATH 324/325. 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 Abstract Algebra II
3 crs. • F • Not for GE • 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 • Not for GE • P: MATH 215. Credit may not be earned in both MATH 440 and PHYS 440.
Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 0.5
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 • Not for GE • 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 470 Mathematical Models for Financial Economics
4 crs. • F • Not for GE • 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 Special Topics
1-3 crs. • Not for GE • 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. • F, Sp • Not for GE, CP • May be repeated for a maximum of 13 credits • P: Minimum junior 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 Mathematics Seminar
1 cr. • F, Sp • Not for GE • 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. • F, Sp • Not for GE • May be repeated for a maximum of 3 credits • P: B+ or above in MATH 216 • Admission to Department Honors Program
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 498 Mathematics Internship
1-3 crs. • F • Not for GE • 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 • Not for GE • May be repeated • P: Minimum senior standing • Department Consent Required

Music and Theatre Arts

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(715) 836-2284
www.uwec.edu/Lists/Acad.htm

ROBERT KNIGHT, CHAIR

MUSIC: ROBERT ANDERSON, ROBERT BACA, JEFFERY CROWELL, LORI CRUCIANI, RANDAL C. DICKERSON, GARY DON, KRISTINE FLETCHER, RICHARD FLETCHER, CHRISTA GARVEY, RYAN JONES, NAMJU KIM, TIMOTHY LANE, OWEN LOVELL, NANCY MCMILLAN, MARK MORWY, VANESSA MURPHY, DANIEL NEWMAN, VERLE ORMSBY, ALLISON OSTRANDER, PHILLIP OSCHANDER, DONALD PATTERSON, GRETCHEN PETERS, NICHOLAS PHILLIPS, LEE ANNA RASAR, ALAN RICK, JESSICA RILEY, TULIO RONDON, MITRA SADEGHPOUR, GARY SCHWARTZHEFF, PAULA SMITH, ETHAN WICKMAN, NOBUYOSHI YASUDA, BARBARA YOUNG, JERRY YOUNG.

THEATRE ARTS AND DANCE: JENNIFER CHAPMAN, KEVIN GAWLEY, ART GULIG, RICHARD NIMKE, TONI POLL-SORENSEN, MALLORY RISHOI.

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 (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, arpeggios, 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 215.

COMPREHENSIVE MAJOR: MUSIC—

Instrumental and General Music Teaching (Code 060-057)

Music Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Theory—Musi 141/142, 146/147, 246/247, 248, 308</td>
<td>16</td>
</tr>
<tr>
<td>History/Literature—Musi 223, 227, 229, 303, 405</td>
<td>12</td>
</tr>
<tr>
<td>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</td>
<td></td>
</tr>
<tr>
<td>Piano Emphasis—Piano—four semesters, four credits Musi 151; three semesters, three credits Musi 351; and one credit from Musi 154-169.</td>
<td>8</td>
</tr>
<tr>
<td>Conducting—Musi 350, Mued 401</td>
<td>4</td>
</tr>
<tr>
<td>Techniques—Musi 196, 198, 202, 208, 210</td>
<td>5</td>
</tr>
<tr>
<td>&quot;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.</td>
<td>8-9</td>
</tr>
<tr>
<td>Piano Proficiency—passed prior to enrollment in Mued 310.</td>
<td></td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piano Proficiency—passed prior to enrollment in Mued 310.</td>
<td></td>
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</tbody>
</table>

Students are required to complete two successful audits of Mued 135, Conducting Lab—one semester in a fall, one semester in a spring.

Other Requirements

Professional Education 26

University Requirements for Teacher Education Programs (see College of Education and Human Sciences). If Hrns 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.
MUSIC AND THEATRE ARTS

COMPREHENSIVE MAJOR: MUSIC—
Choral and General Music Teaching (Code 060-058)

Music Requirements Credits
Theory—Mus 141/142, 146/147, 246/247, 248, 308 16
History/Literature—Mus 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.
Conducting—Mus 350, Mued 400 4
Pedagogy—Mus 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.
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.

Other Requirements
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)

Music Requirements Credits
Theory—Mus 141/142, 146/147, 246/247, 248, 308, 325, 335 20
History/Literature—Mus 225, 227, 229, 303, 405, 496 13-15
Applied Major Instrument—Eight semesters, four semesters at 300-level 24
Applied Piano—Mus 151/351 2
Senior Recital—Mus 497 2
Pedagogy—Mus 495 2
Conducting—Mus 350 2

Ensembles—Eight semesters. Six credits from 180/380, 181/381, or 184/384*; and two credits from Musi 186/386, 253/453, 255/455, 256/456, 257/457, 258/458, 259/459, or 266/466 8
*A minimum of one semester in orchestra is required for those who play orchestral instruments.
Electives in Music 4
Piano Proficiency—passed prior to graduation. 77-79

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—Mus 141/142, 146/147, 246/247, 248, 308, 335 16
History/Literature—Mus 225, 227, 229, 303, 405, 470, 472 18
Applied Voice—Mus 153/353, eight semesters, four semesters at 300-level 21
Applied Piano—Mus 151/351 5
Senior Recital—Mus 497 2
Voice Pedagogy—Mus 345 3
Singers' Diction—Mus 347, 348 4
Conducting—Mus 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—Mus 141/142, 146/147, 246/247, 248, 308, 335 18
History/Literature—Mus 225, 227, 229, 303, 405, 475 15
Applied Piano—Mus 151/351; eight semesters (three credits per semester, four semesters at 300-level) 24
Senior Recital—Mus 497 2
Piano Pedagogy—Mus 315 2
Conducting—Mus 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—Mus 141/142, 146/147, 246/247, 248, 308, 309, 325, 335, 407, 437 26
History/Literature—Mus 225, 227, 229, 303, 405 12
Composition—Mus 150, 170/370, six semesters, three semesters at 300 level 12
Applied Music—minimum of six semesters, six credits, at least two credits at 300 level* 6

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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)
Conducting—Musi 350 4
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, 308, 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 three 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.

MUSIC AND THEATRE ARTS

Music Requirements Credits
Theory—Musi 141/142, 146/147, 246/247, 248, 308, 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):

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)

Music Requirements Credits
Theory—Musi 141/142, 146/147, 246/247, 248, 308 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, 248, 308. 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,
obessions, and accomplishments. Practical experimentation and prac-
tice of the arts of the theatre increases our ability to present human ex-
tperiences 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, thirty-six core requirement credits, including: Thea 121, 123 or 229, 125, 130, 220 or 228, 321 or 327, 330 or 331 or 333 or 325 or 336, 332, 414 or 422 or 434, 425; three different credits from Thea 170-179; three different credits from Thea 370-379; 15 credits, student choice, from the following courses and any of the courses listed as student choices in the core requirement, Thea 227, 335, 421, 450, 498; and nine credits of adviser-approved electives.

**MAJOR: THEATRE ARTS, Liberal Arts (Code 601-223)**

Thirty-eight semester credits, including: Thea 121, 123 or 229, 125, 130, 220 or 228, 321 or 327, 330 or 331 or 333 or 325 or 336, 332, 414 or 422 or 434, 425; six credits of adviser-approved theatre arts electives and two credits from 170-179 and/or 370-379.

**MAJOR: THEATRE ARTS, Teaching (Code 601-204)**

Thirty-six semester credits: ES 361; Thea 121, 125, 130, 171/371, 220, 228, 321 or 327, 332, 333, 421, 425, and 434. 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, including: Thea 121, 125, 130, 332, 425; six credits of adviser-approved electives and three credits from 170-179 and/or 370-379.

**MINOR: THEATRE ARTS, Middle Childhood/Early Adolescence Teaching (Code 601-425)**

Twenty-four semester credits: ES 361; Thea 121, 125, 130, 171/371, 220, 228, 321 or 327, 332, 333, 421, 425, and 434. 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: ES 361; Thea 121, 125, 130, 174/374, 220, 332, 333, and 434. 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 follow-
ing 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.

**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 submit-
ted 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 the-
atre 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

3. Complete an honors paper supporting a senior project or perfor-
mance under the direction of a department faculty member (e.g.,
historical, theoretical, pedagogical research; criticism; playwriting; com-
position; scenic or costume design; directing; solo recital; major acting;
oriental role). The paper is defended orally to a faculty jury consisting
of its faculty director and two members of the Honors Committee. A

**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 cap-
stone seminar, and a one-semester internship.

**Admission** – Students who document interest, motivation, and commit-
ment 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 fol-
loxing course groups: Group I: Acct 201; Bcom 405/605; Bsd 305; Thea
434/634. Group II: Art 312; CJ 365; CS 318; Engl 305, 409. Group III: CJ
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 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. 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.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
• No credit toward music major or minor programs.
Fundamental piano knowledge.

MUSI 108 Advanced Class Piano
2 crs. • F, Sp • GE-IVA • No Auditors • P: MUSI 106 or keyboard placement exam.
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 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 classical and popular singing styles.

MUSI 141 Elementary Theory: Written
2 crs. • F • Not for GE • P: Limited to music/music therapy majors and minors. • Instructor Consent Required
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Writing, analytical, and keyboard skills, including primary harmonies and related material.

MUSI 142 Elementary Theory: Aural
2 crs. • F • Not for GE • 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 Intermediate Theory: Written
2 crs. • Sp • Not for GE • P: Grade of C- or above in MUSI 141.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Continuation of Elementary Theory: Written, with addition of seventh chords, non-harmonic tones, secondary dominants, and modulation to closely related keys.

MUSI 147 Intermediate Theory: Aural
2 crs. • Sp • Not for GE • P: Grade of C- or above in MUSI 141 and 142.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Continuation of Elementary Theory: Aural, with addition of seventh chords, non-harmonic tones, secondary dominants, and modulation to closely related keys.

MUSI 150 Beginning Composition
1 cr. • Sp • Not for GE • P: MUSI 141 and 142.
Lecture/Discussion Hours: 1 | 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 • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 152 Applied Music-Organ
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 153 Applied Music-Voice
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 154 Applied Music-Violin
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 155 Applied Music-Viola
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 156 Applied Music-Cello
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 157 Applied Music-Double Bass
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 158 Applied Music-Flute
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 159 Applied Music-Oboe
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 160 Applied Music-Clarinet
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 161 Applied Music-Bassoon
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 162 Applied Music-Saxophone
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSIC AND THEATRE ARTS
MUSI 163 Applied Music- Trumpet/Cornet
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 164 Applied Music-French Horn
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 165 Applied Music-Trombone
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 167 Applied Music-Euphonium
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 168 Applied Music-Tuba
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 169 Applied Music-Percussion
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 170 Applied Music-Composition
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 171 Applied Music-Harp
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 172 Applied Music-Harpischord
1–4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Solo repertoire, techniques, and performance.

MUSI 180 Symphony Band
1 cr. • F, Sp • AC; Not for GE • 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 • Not for GE • 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 other 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; Not for GE • 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; Not for GE • May be repeated for a maximum of 3 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; Not for GE • 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 part of this course. Includes study and performance of major orchestral literature.

MUSI 185 Summer Band
1 cr. • Su • AC; Not for GE • 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; Not for GE • 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 187 Concert Choir
1 cr. • F, Sp • AC; Not for GE • 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 188 Summer Choir
1 cr. • Su • AC; Not for GE • May be repeated
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
• No audition required
One performance given during summer session.

MUSI 189 Women’s Concert Chorale
1 cr. • F, Sp • AC; Not for GE • 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 190 Symphonic Choir
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 7 credits • Instructor Consent Required
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1
• 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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 197 Woodwind Techniques
1 cr. • F, Sp • AC; Not for GE • Instructor Consent Required
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1
Materials, methods, and techniques of playing and teaching woodwind instruments through lecture and lab performance.

MUSI 198 Percussion Techniques
1 cr. • F, Sp • AC; Not for GE • 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 200 Brass Techniques
1 cr. • F, Sp • AC; Not for GE • 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 201 Windwood Techniques
1 cr. • F, Sp • Not for GE • 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 • Not for GE • 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 • Not for GE • 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 • Not for GE • 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 • Not for GE • 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. • Not for GE
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 • Not for GE • 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 Advanced Theory: Written
2 crs. • F • Not for GE • P: Grades of C- or above in MUSI 146 and 147. • Instructor Consent Required
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Continuation of Intermediate Theory: Written, with addition of altered chords, chords of multiple thirds, Neapolitan sixth chord, augmented sixth chords, and advanced modulation.

MUSI 247 Advanced Theory: Aural
2 crs. • F • Not for GE • P: Grades of C- or above in MUSI 146 and 147. Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Continuation of Intermediate Theory: Aural, with addition of altered chords, chords of multiple thirds, Neapolitan sixth chord, augmented sixth chords, and advanced modulation.

MUSI 248 Form and Analysis
2 crs. • Sp • Not for GE • P: Grade of C- or above in MUSI 246. Must be taken with MUSI 229.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Structural analysis of classic forms, including binary, ternary, rondo, and sonata forms.

MUSI 253 University Chamber Orchestra
1 cr. • F, Sp • AC, Not for GE • 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, Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 256 Brass Ensemble
1 cr. • F, Sp • AC, Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 257 Woodwind Ensemble
1 cr. • F, Sp • AC, Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 258 Percussion Ensemble
1 cr. • F, Sp • AC, Not for GE • May be repeated for a maximum of 3 credits • Instructor Consent Required

MUSI 259 Jazz Combo
1 cr. • F, Sp • AC, Not for GE • May be repeated • No Auditors • Instructor Consent Required

MUSI 262 Chamber Choir
1 cr. • F, Sp • AC, Not for GE • May be repeated for a maximum of 4 credits • Department Consent Required

MUSI 265 Vocal Jazz Ensemble
1 cr. • F, Sp • AC, Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 266 Marimba Ensemble
1 cr. • F, Sp • AC, Not for GE • May be repeated for a maximum of 4 credits • Department Consent Required

MUSI 268 Piano Ensemble
1 cr. • F, Sp • AC, Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 278 Beginning Functional Piano
1 cr. • F • Not for GE • P: Grades of C- or above in MUSI 229.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
Beginning melody realization by ear, simple accompaniment patterns, harmonization using primary chords, song arrangements, beginning improvisation.

MUSI 280 Opera/Music Theatre Workshop
1 cr. • F • Not for GE • May be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3
Development of performance abilities and technical skills necessary for production of opera and music theatre.

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 • Not for GE • 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 300 Anthropology of Music
3 crs. • FC; GE-IVA
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Overview of issues and ideas that circumscribe/define the field of Ethnomusicology. Various music cultures from around the world will be studied.

MUSI 303 Music History 1900 to Present
3 crs. • FC; GE-IVA • P: Credit may not be earned in both MUSI 306 and WMNS 306.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Development in Western music from Impressionism to present day.

MUSI 306 Women in Music
3 crs. • GE-IVA • P: Credit may not be earned in both MUSI 306 and WMNS 306.
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 • Not for GE • P: Grade of C- 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 Electronic Music
2 crs. • Odd years • Not for GE • 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.
MUSIC AND THEATRE ARTS

MUSI 312 Eurythmics
2 crs. • F, Sp • Not for GE • 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 Music in Early Childhood
2 crs. • Sp • Not for GE • 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 Piano Pedagogy
2 crs. • F even years • Not for GE • 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 325 Orchestration
2 crs. • Not for GE • P: MUSI 246
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Range, transposition, playing characteristics, and practical use of the instruments.

MUSI 335 Baroque Counterpoint
2 crs. • Even years • Not for GE • 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; Not for GE • 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. • Not for GE • 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 Music and Related Arts in PK-8 Education
3 crs. • F, Sp • Not for GE • 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-EVA • Not for GE • 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 • Not for GE • 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 Voice Pedagogy
3 crs. • Sp • Not for GE • P: Four semesters of MUSI 153 and/or 353. Limited to music/music therapy 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. Survey of song literature (early Italian, British, and American) appropriate for the young voice.

MUSI 347 Singers’ Diction: Italian and German
2 crs. • Odd years • Not for GE
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 • Not for GE
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

MUSI 350 Conducting
2 crs. • F, Sp • Not for GE • 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.

MUSI 351 Advanced Applied Music-Piano
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 352 Advanced Applied Music-Organ
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 353 Advanced Applied Music-Voice
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 354 Advanced Applied Music-Violin
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 355 Advanced Applied Music-Viola
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 356 Advanced Applied Music-Cello
1-4 crs. • F, Sp • Not for GE • 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 • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 358 Advanced Applied Music-Flute
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 359 Advanced Applied Music-Oboe
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 360 Advanced Applied Music-Clarinet
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 361 Advanced Applied Music-Bassoon
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 362 Advanced Applied Music-Saxophone
1-4 crs. • F, Sp • Not for GE • 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 • Not for GE • 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 • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 365 Advanced Applied Music-Trombone
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 367 Advanced Applied Music-Euphonium
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.
MUSI 368 Advanced Applied Music-Tuba
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 369 Advanced Applied Music-Percussion
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 370 Advanced Applied Music-Composition
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 371 Advanced Applied Music-Harp
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 372 Advanced Applied Music-Harpischord
1-4 crs. • F, Sp • Not for GE • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 378 Advanced Functional Piano
2 crs. • Sp • Not for GE • 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, improvisation, accompaniment styles.

MUSI 380 Symphony Band
1 cr. • F, Sp • AC; Not for GE • 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 • Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • May be repeated for a maximum of 7 credits
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; Not for GE • 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; Not for GE • 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 394 Choral Workshop Abroad
1-3 crs. • Su • AC; Not for GE
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. • Not for GE • 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. • Not for GE • May be repeated • P: Minimum junior standing • Department Consent Required

MUSI 405 Music History Seminar
2 crs. • F, Sp • Not for GE • 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 Canon and Fugue
2 crs. • Odd years • Not for GE • 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 • Not for GE • 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 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 Theory Pedagogy
2 crs. • Odd years • Not for GE • P: MUSI 248
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Survey of materials, texts, techniques, and problems associated with teaching theory.
MUSI 418 Alexander Technique
2 crs. • V • Not for GE • May be repeated for a maximum of 4 credits • P: Limited to music and theatre arts majors and minors and dance minor students. 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 • Not for GE • 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 Jazz Ensemble Techniques
1-2 crs. • Not for GE 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 Symphonic Literature
3 crs. • Not for GE • 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 Music in the U.S.A.
3 crs. • Not for GE • 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 Nineteenth-Century Harmonic Practice
3 crs. • F even years • Not for GE • P: MUSI 248 Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Progressive harmonic tendencies and individualized composer traits of the nineteenth century.

MUSI 437 Renaissance Counterpoint
2 crs. • Even years • Not for GE • 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 • Not for GE • 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 Band Arranging
2 crs. • Odd years • Not for GE • 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; Not for GE • 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; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required
MUSI 456 Brass Ensemble
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required
MUSI 457 Woodwind Ensemble
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required
MUSI 458 Percussion Ensemble
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 459 Jazz Combo
1 cr. • F, Sp • AC; Not for GE • May be repeated • No Auditors • P: • Instructor Consent Required • Audition Required.

MUSI 461 Voice Ensemble
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 2 credits • A-F Grades Only • P: MUSI 353 or concurrent enrollment. • Instructor Consent Required

MUSI 462 Chamber Choir
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 465 Vocal Jazz Ensemble
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 466 Marimba Ensemble
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 468 Piano Ensemble
1 cr. • F, Sp • AC; Not for GE • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 470 Opera Literature
3 crs. • Sp even years • Not for GE • P: Minimum junior standing. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Historical and stylistic developments in opera from its beginnings to the present.

MUSI 472 Voice Literature
3 crs. • Sp odd years • Not for GE • 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 Basso Continuo Realization at the Keyboard
2 crs. • Not for GE • P: MUSI 227, 229, 248; MUSI 351 or 352 or 372 or consent of instructor. Lecture/Discussion Hours: 2 | 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 Advanced Instrumental Techniques
1-3 crs. • Su • Not for GE • 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 17th-18th Century Performance Practice
3 crs. • F odd years • Not for GE • 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 478 Directing Practicum - Cabaret Productions
1 cr. • F • Not for GE • 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 • Not for GE • May be repeated for a maximum of 9 credits Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3
Development of performance abilities and technical skills necessary for production of opera and music theatre.
MUSI 490 Elementary Music Education Workshop
1-2 crs. • Su • Not for GE • 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 Special Topics
1-3 crs. • Not for GE • 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 Choral Workshop
1-2 crs. • Su • Not for GE • 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 Jazz Arranging Workshop
2 crs. • Su • Not for GE • P: MUSI 141I, 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 Percussion Workshop
1-2 crs. • Su • Not for GE • 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 • Not for GE • 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 • Not for GE • 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. • Not for GE; 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 331-371). Preparation and performance of public recital.

MUSI 498 Music Internship
3 crs. • F, Sp • Not for GE; SL; 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. • Not for GE • May be repeated • P: Minimum senior standing. • Department Consent Required

MUED

MUED 135 Conducting Laboratory
1 cr. • F, Sp • Not for GE • 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 • Not for GE • 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. • Sp • Not for GE • 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 exception- alities and the use of adaptive music techniques and adaptive instruments, published materials and web resources to assist instruction. Field experienc- es including observation and teacher assisting are integrated into the course.

2 crs. • F, Sp • Not for GE • 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 • Not for GE • 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
Explores practical and educational aspects of music content in schools, including the marching band, other athletic bands, jazz ensembles, and the use of adaptive music techniques and adaptive instruments, published materials and web resources to assist instruction. Field experienc- es including observation and teacher assisting are integrated into the course.

MUED 400 Choral Literature and Conducting
2 crs. • Not for GE • 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. Focuses on structural activities and adapting environments for students with special needs (exceptionalities). Discussions focus on ten exception- alities and the use of adaptive music techniques and adaptive instruments, published materials and web resources to assist instruction. Field experienc- es including observation and teacher assisting are integrated into the course.

MUED 401 Instrumental Literature and Conducting
2 crs. • Sp even years • Not for GE • 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. Focuses on structural activities and adapting environments for students with special needs (exceptionalities). Discussions focus on ten exception- alities and the use of adaptive music techniques and adaptive instruments, published materials and web resources to assist instruction. Field experienc- es including observation and teacher assisting are integrated into the course.
MUSIC AND THEATRE ARTS

MUED 487 Student Teaching in Music
7-14 crs. • F, Sp • Not for GE • 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 487 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
31 cr. • F, Sp • Not for GE; 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 487 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 489 Independent Study - Seniors
1-3 crs. • V • Not for GE • May be repeated • Department Consent Required
An intensive study in music education of particular interest to the student.

MUTX 300 Overview of Clinical Improvisation
1 cr. • Sp odd years • Not for GE • 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; Not for GE, SH 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 • Not for GE • 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 • Not for GE • 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 • Not for GE • 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 • Not for GE • 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 • Not for GE • 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 • Not for GE • 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 • Not for GE • 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.

MUTX 441 Psychology of Music Laboratory
1 cr. • Sp • Not for GE • 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 • Not for GE; SL; CP; IN • May be repeated for a maximum of 6 credits • Department Consent Required • Placement in 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 489 Workshop in Music Therapy
1-2 crs. • Not for GE Professional-level workshop exploring topics of current interest in the field of music therapy.

MUTX 491 Special Topics
1-3 crs. • Not for GE • 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 major.
An introduction to the elements of theatre through the medium of film. The various components of theatre—play form and structure, acting, scenic elements, etc.—will be discussed and analyzed through the use of film.

THEA 121 Stagecraft
3 crs. • F • GE-V Lecture/Discussion Hours: 2 • Lab/Studio Hours: 4 Theory and practical application in basic phases of technical theatre production. Attention given to problems encountered in high schools and community theatres.

THEA 123 Voice and Diction
3 crs. • Sp odd years • Not for GE 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  
Skills and theories developed in rehearsal environment. Participation in student-directed projects.

**THEA 170** Acting-Minor Roles/Chorus  
1 cr. • F, Sp • AC; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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; Not for GE • 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 • Not for GE  
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2  
Principles and techniques of makeup design and application for the stage. Corrective, fantasy, imaginative, animal, character, and old age makeup based on character analyses.

**THEA 227** American Musical Comedy as Theatre  
3 crs. • GE-IVA  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Background elements, major writers, and current trends in American Musical Theatre. Designed to help the nontheatre major more fully enjoy the most popular American Theatre entertainment.

**THEA 228** Costuming  
3 crs. • F odd years • GE-IVA  
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2  
A study of what people wore from ancient Western civilization to the present, as well as a laboratory experience in aspects of costume design and production.

**THEA 239** Stage Movement  
3 crs. • Sp even years • Not for GE  
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 291** Special Topics  
1-3 crs. • Not for GE  
• See current Class Schedule for topic, prerequisites, and restrictions.

**THEA 321** Scenic Design  
3 crs. • Sp odd years • Not for GE • 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. • F even years • Not for GE • 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. • F odd years • GE-IVA • P: THEA 125  
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. Make-up labs.

**THEA 331** Styles in Acting  
3 crs. • F odd years • Not for GE • P: THEA 121 and 130  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2  
Continuation of acting skills. Emphasis on in-class scene work, script and character analysis, externalization.

**THEA 332** Directing  
3 crs. • F • Not for GE • P: THEA 121 and 130.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2  
Principles of directing. Practicum through coordinated labs with beginning acting students. Two projects: directing a scene from the classics, and one-hour cutting from contemporary drama.

**THEA 333** Performance for the Camera  
3 crs. • Not for GE • P: THEA 130  
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2  
Stresses a practical approach to on-camera performance. Using University Television Studio facilities, the course allows students to experience (and view) the specific requirements of performing for the camera.

**THEA 335** Creative Drama  
3 crs. • F • GE-IVA  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Theory, procedures, techniques of directing and developing children in drama activities.

**THEA 336** Children’s Theatre  
3 crs. • Sp • GE-IVA  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Philosophy and methodology for this specialized audience. Analysis of play scripts and children's literature. Puppetry and design of programs for young audiences.
THEA 361 Teaching Theatre Arts
2 crs.  •  Odd years  •  Not for GE  •  P: Completion of or concurrent enrollment in ES 312, 318 and 328. Limited to teaching majors admitted to COEHS. Credit may be earned in only one of following: ES 361, THEA 361, ES 360. Minimum resident and total GPA of 2.75.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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; Not for GE  •  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.  •  Not for GE  •  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.  •  Not for GE  •  May be repeated  •  P: Minimum junior standing  •  Department Consent Required

THEA 414 Playwriting
3 crs.  •  F odd years  •  Not for GE  •  P: Six credits in theatre at the 300 level or higher.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 2
Practical experience in dramatic writing. Emphasis on creating characters, building plots, and constructing dialogue.

THEA 421 Touring Theatre
3 crs.  •  Not for GE  •  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
Practical experience in bringing productions to schools and communities on children's and adult levels. Acquaint student with wide variety of performance situations.

THEA 422 Play Production: Technical
2-4 crs.  •  Not for GE  •  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 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 434 Theatre Arts Management
3 crs.  •  Not for GE  •  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 450 Theatre of the Holocaust
3 crs.  •  F even years  •  FC; GE-IVA
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
The study of the history of the Holocaust and its implications for our lives today as it has been dramatized and interpreted in stage plays, films, and television productions.

THEA 490 Theatre Arts Seminar
1-3 crs.  •  Not for GE  •  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 Theatre Arts Internship
3 crs.  •  Not for GE; SL; 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 theatre 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.  •  Not for GE  •  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.  •  Not for GE  •  May be repeated for a maximum of 2 credits  •  P: No credit if taken after KINS 206.
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.  •  Not for GE  •  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. • Not for GE • 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. • Not for GE • 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. • Not for GE • 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. • Not for GE • 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 emphasis on falls, recovery, and elevations. A survey of post-modern and avant garde choreographers and choreographic approaches.

DNCE 314 Jazz Dance II
1 cr. • Not for GE • 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. • Not for GE • 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 • Not for GE • 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 • Not for GE • 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, accommodation, and the rehearsal and promotion of dance.

DNCE 497 Dance Recital
1 cr. • F, Sp • Not for GE; 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 • Not for GE • 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

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 baccalaurette goals.

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.

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 is 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 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/Winns 353 Emancipating Eve and Adam: The Women’s Movement in Religion
- Rels/Winns 355 Women and World Religions
- 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 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/Wmns 355 Women and World Religions
Rels 370 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 Moral Problems in Contemporary Life
3 crs. • F, Sp • GE-IVB • P: No credit if taken after PHIL 220.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course will introduce students to philosophy by exploring a variety of contemporary issues in ethics. Students will learn to weigh the pros and cons for alternative positions by discussing a variety of concrete moral problems in today's society.

PHIL 150 Logic and Critical Thinking
3 crs. • GE-B • 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-B
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. • Not for GE
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 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 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: BIOG 180, or GEOG 178, or GEOG 115, or ECON 268; or one course in philosophy or consent of instructor. Minimum junior standing.
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. • Not for GE • 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 English 221 or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Philosophical 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
Philosophical approaches to major religious traditions of India, China, and Japan. Included will be Hindu, Buddhist, Yin-Yang, Taoist, and Neo-Con-fucian thinkers. The course will conclude with a consideration of the Kyoto School’s attempted synthesis of Western and Eastern thought.
PHILOSOPHY AND RELIGIOUS STUDIES

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. • F • 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.

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 339 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 340 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 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. Credit may not be earned in both PHIL 345 and RELS 345.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.
RELS 110 Basic Issues in Religion
3 crs. • E, Sp • 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 210 Religion and Morality
3 crs. • FC; CD1; GE-IVB
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Examines the nature of morality and moral values among major 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 Testament
3 crs. • GE-IVB • P: One course in religious studies.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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. • Not for GE
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 Christianity
3 crs. • GE-IVB • P: One course in religious studies or philosophy.
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 307 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 life-styles.

RELS 309 Islam
3 crs. • FC; GE-IVB • P: One course in religious studies.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 312 Buddhism: Past and Present
3 crs. • GE-IVB
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Movements
3 crs. • FC; GE-IVB; Field Trip(s) Required • P: One course in religious studies.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course addresses music in Judaism, Christianity, and Islam. A variety of traditions and contemporary musical styles will be considered, with emphasis on how these styles have shaped Jewish, Christian, and Muslim devotion.

RELS 345 Modern Religious Thought
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/PHL 450. Credit may not be earned in both RELS 345 and PHL 345.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.

RELS 350 Women and World Religions
3 crs. • FC; GE-IVB • P: One course in religious studies or in women's studies. Credit may not be earned in both RELS 353 and WMNS 353.
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 355 Women and World Religions
3 crs. • FC; CD1; GE-IVB • P: One course in religious studies or in women's studies, or a minor in family studies. Credit may not be earned in both RELS 355 and WMNS 355. No credit if taken after ANTH 334 or RELS 334.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 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.
PHILOSOPHY AND RELIGIOUS STUDIES

RELS 390 Religion in America
3 crs. • CD1; GE-FVB • 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 Studies
1-3 crs. • Not for GE • 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.

RELS 396 Research Apprenticeship in Religious Studies
1-3 crs. • Not for GE • 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. • Not for GE; SOH • 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. • Not for GE • May be repeated • P: Minimum junior standing. • Department Consent Required

RELS 405 Critiques of God
3 crs. • GE-FVB • P: Credit may not be earned in both RELS 450 and PHIL 450. Minimum sophomore standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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. • Not for GE • 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. • Not for GE • 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. • Not for GE • P: Minimum sophomore standing. • Department Consent Required
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. • Not for GE; SOH; 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. • Not for GE • May be repeated • P: Minimum senior standing. • Department Consent Required

Physics and Astronomy

PHILLIPS 230
(715) 836-3148
www.uwec.edu/Lists/Acad.htm

J. ERIC HENDRICKSON, CHAIR

DOUGLAS DUNHAM, MATTHEW EVANS, BILL FERGUSON, LYLE FORD, JIN HUANG, LAUREN LIKKEL, THOMAS LOCKHART, NATHAN MILLER, KIM PIERSON, ELSHA 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/materials/index.htm), the L.E. Phillips Planetarium (www.uwec.edu/planetarium/index.html), and the 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, 485; Math 312; and CS 163 or 345; Math 312; and CS 163 or 345; and CS 163 or 345.

Appied 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 Physics 231, 232, 332, 340, 350, 360, either 365 or 375, 340, 485; Math 312, 345; CS 163 (it is strongly recommended that CS 163 be completed within the first three semesters). The remaining Physics credits are to be selected from: (a) any physics course above 325, and (b) up to four credits from Physics 226, 229, and Physics/MSCI 301-307. Chemistry (Chem 115 or 103 and 104) is strongly recommended. NOTE: An approved research project must be completed prior to or concurrently with Phys 485 (see Phys 485 course description for details).

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 bachelors degree in engineering from either the UW-Madison College of Engineering or the University of Minnesota Institute of Technology. The Dual Degree Engineering Emphasis requires 36 credits of physics coursework including Physics 231, 232, 332, 340, 350, and either 365 or both Math 255 and 256* (option depends on engineering program),

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Computer science course (appropriate course depends on engineering program) and Math 312. The remaining Physics credits are to be selected from any physics course above 325. However, up to four of the remaining credits can be selected from Phys 226, 229, and Phys/MSCI 301-307. 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: Math 255 and 256 together count for four semester credits of physics coursework.

**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: 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 130 and 131; Geog 104 or 340 or 361; Phys 226; additional courses from Geol 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, 130 and 131, or Geog 104; and Phys 226 or 229.

**COMPREHENSIVE MAJOR: PHYSICAL SCIENCE,**  
Teaching (Code 240-004)

See Multidisciplinary Programs.

**COMPREHENSIVE MAJOR: PHYSICS-MATHEMATICS,**  
Teaching

See Multidisciplinary Programs.

**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**

Eligibility: Completion of Phys 332 and a resident GPA of 3.50 and a 3.50 GPA in the major.

**PHYSICS AND ASTRONOMY**

**PHYS 100 Physical Science**

4 crs. • F, 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.

**PHYS 115 Survey of Astronomy**

3 crs. • F, 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 211 General Physics**

5 crs. • F, Sp • GE-IIIE; LS • P: No credit if taken after PHYS 226 or PHYS 229.

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 Phys 211 including topics in optics, electricity, magnetism, and modern physics.

**PHYS 226 Astronomy-Solar System**

4 crs. • F • GE-IIIE; LS • P: Three years high school mathematics assumed. Some night observing required.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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

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 281 Topics in Physics**

3 crs. • GE-IIIE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Topics in physics and astronomy investigated at a level suitable for non-science majors, as well as science majors.

**PHYS 281 Special Topics**

1-3 crs. • Not for GE

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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 301 and MSCI 301.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 302 and MSCI 302.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 303 and MSCI 303.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 304 and MSCI 304.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
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. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 305 and MSCI 305.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
Current theories and methods in x-ray fluorescence spectroscopy. Preparation of samples, operation of x-ray spectrometers and data analysis.

1 cr. • Sp • Not for GE • P: PHYS 211 or 231; PHYS/MSCI 301 and 303. Credit may not be earned in both PHYS 306 and MSCI 306.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
Current theories and methods in transmission electron microscopy. Sample preparation, operation and data analysis.

PHYS 307 Introduction to Materials Characterization: Nanoindentation
1 cr. • Sp • Not for GE • P: PHYS 211 or 231, and one science course that counts toward a science major. Credit may not be earned in both PHYS 307 and MSCI 307.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2
Current theories and methods in nanoindentation analysis. Sample preparation, operation and data analysis.

PHYS 308 Science of Musical Sound
3 crs. • Sp • GE-HI
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, Sp, Su • GE-HI
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 • Not for GE • 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. • F • Not for GE • 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 • Not for GE • P: PHYS 332
Lecture/Discussion: 4 | Studio/Lab: 0
Crystallography, diffraction, electron and phono transport. Semiconductors and optical properties of crystalline materials, interaction of light with crystalline and non-crystalline matter, including photovoltaics, LEDs, nonlinear optics, solid-state lasing, and fiber optic materials.

PHYS 340 Optics
4 crs. • Sp • Not for GE • 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 • Not for GE • P: MATH 215 and C or above in PHYS 232.
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 360 Electronics
4 crs. • Sp • Not for GE • P: PHYS 350 or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3
Field trips (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 LabVIEW Applications
2 crs. • F • Not for GE • P: PHYS 361 LabVIEW Basics • Instructor Consent Required
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Field trips (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 LabVIEW cRIO
1 cr. • F, Sp • Not for GE • 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 • Not for GE • P: MATH 216, and a grade of C or above in PHYS 231.
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 • Not for GE • 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.
PHYSICS AND ASTRONOMY

PHYS 375 Electromagnetic Fields
4 crs. • F • Not for GE • P: PHYS 332 and MATH 311 or 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 380 Introduction to Materials Science
4 crs. • F odd years • Not for GE • P: MATH 215 and one of the following: PHYS 332, CHEM 104, or CHEM 115. Credit may not be earned in both CHEM 380 and PHYS 380.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Basic atomic and electronic structure of solids including metals, polymers, ceramics, and semiconductors are studied. Defects, imperfections, x-ray diffraction, and phase diagrams are used as a basis for understanding mechanical/electrical properties.

PHYS 399 Independent Study - Juniors
1-3 crs. • Not for GE • May be repeated • P: Minimum junior standing. • Department Consent Required

PHYS 430 Advanced Laboratory Techniques
2 crs. • F • Not for GE • 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 • Not for GE • P: PHYS 215. Credit may not be earned in both MATH 440 and PHYS 440.
Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 0.5
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 • Not for GE • 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 • Not for GE • P: PHYS 333 and 365.
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. • Not for GE • 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 485 Senior Seminar
1 cr. • F • Not for GE; CP • P: Limited to liberal arts physics majors.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
• Students need to have completed, or be concurrently pursuing, an advisor approved research project through PHYS 399, 430, 495, or 499, or through an academic or industrial internship, or through another approved means.

Students will report on a research project by giving a seminar and presenting a poster paper. They will take a nationally normed test covering undergraduate physics and will participate in post-graduate planning.

PHYS 491 Special Topics
1-3 crs. • Sp • Not for GE • 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. • F, Sp • Not for GE • 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. • Not for GE • May be repeated • P: Minimum senior standing. • Department Consent Required

Political Science

SCHNEIDER SOCIAL SCIENCE 200A
(715) 836-5744
www.uwec.edu/Lists/Acad.htm

ROD FREITAG, CHAIR

Ali Arotaalabi, Randall Beger, Michael Fine, Margaret Gilekson, Orika Gray, Stephen Hill, Steven Majstorovic, Peter Myers, Justin Patchin, Geoffrey Peterson, James Tubb.

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 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:

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.
POLITICAL SCIENCE

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:

- Required political science credits: 24 credits
- Pols 110, 122, 290, 338, 403, 404, 405, 480
- Elective political science credits, including: 21 credits
- 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 credits
- Acct 201, 202; Anth 422; CJ 202, 414; Crmj 319, 342; Econ 103, 104, 303, 304, 311, 316, 321; Engl 201; Hist 201, 202; 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, 351, 355, 356; (2) ArtH 201, 327; (3) Geog 301, 308, 378, 446; (4) Econ 341, 351, 355; Econ/LAS 356; (5) Hist 324, 326, 360, 362, 366, 371, 374, 375, 379, 383, 387, 388, 389; Hist/LAS 410, 411; (6) Musi 300; (7) Rels 307, 309, 312, 314, 323, 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, 290, 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 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 each year or each semester.

Students seeking a certificate in Campaign Consulting will be assigned a certificate adviser within the Department of Political Science.

The Certificate in International Affairs is designed for those students outside of political science 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 who have applied to the department for the certificate and are in good standing in the University are eligible to complete a certificate in International Affairs. 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 hrs) 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 318 Politics of China and Japan
- 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 327 Politics of Continental Europe
- Pols 330 National Security Policy
- 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 each year or each semester.

Students seeking a certificate in International Affairs will be assigned an adviser within the Department of Political Science.

The Certificate in Legal Studies is designed for those students outside of political science 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 areas 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 who have applied to the department for the certificate and are in good standing in the University are eligible to complete a certificate in Legal Studies. 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 hrs) 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 each year or each semester.

Students seeking a certificate in Legal Studies will be assigned a pre-law adviser within the Department of Political Science.

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**POLITICAL SCIENCE**

**POLS 110 American National Politics**
- 3 crs. • F, Sp • GE-IIID
- Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
- Study 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. • GE-IIID
- 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. • GE-IIID
- 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. • Su • CD3; GE-IIID • P: Credit may not be earned in both POLS 250 and AIS 250.
- Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
- 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. • FC; GE-IIID
- 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. • FC; GE-IIID
- 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. • Not for GE • 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. • Not for GE
- Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester’s work in fewer weeks is possible with extra classes per week.

**POLS 301 State and Local Politics**
- 3 crs. • F, Sp • GE-IIID • 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. • GE-IIID • 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 Classical Political Thought**
- 3 crs. • GE-IIID • 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. • GE-IIID • P: Minimum sophomore standing.
- Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
- Study of major political thinkers from the Renaissance to the French Revolution.
POLITICAL SCIENCE

POLS 311 Contemporary Political Thought
3 crs.  •  GE-IIID  •  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.  •  CD1; GE-IIID
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
The intellectual roots of American Politics, with emphasis on the Revolu-
tionaries, particularly Jefferson, The Federalist, Tocqueville's Democracy in
America; and Lincoln.

POLS 314 The Idea of Tolerance in the Western Political Tradition
3 crs.  •  GE-IIID
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 philo-
sophical defenders and critics of the ideal of an open, tolerant society, and
on the American experiment in political, religious, and cultural tolerance.

POLS 318 Politics of China and Japan
3 crs.  •  GE-IIID
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A study of cultural values, institutions, political structures, and relevant issues
in the modernization of China and Japan.

POLS 319 Politics of Latin America
3 crs.  •  FC; GE-IIID  •  P: Credit may not be earned in both POLS 319 and
LAS 319
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
An examination of major institutions, groups, and selected topics related to
Latin American politics.

POLS 320 Caribbean Politics
3 crs.  •  FC; GE-IIID  •  P: One course in POLS or consent of instructor.
Credit may not be earned in both POLS 320 and LAS 320.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
The dynamics of Anglo-phone and Hispanic Caribbean politics from Colonial
rule to the present. Major topics include: colonialism, patterns of decoloni-
zation, post-colonial state power; the status of women; and recent trends in
structures of dependency and popular resistance.

POLS 321 Politics of the Middle East
3 crs.  •  F  •  FC; GE-IIID
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 Politics of Russia
3 crs.  •  FC; GE-IIID  •  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 Politics of Eastern Europe
3 crs.  •  F Odd years  •  FC; GE-IIID  •  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 in-
stitution building, market economic development, political cultural orien-
tation, international organizations, and ethnonational conflict and conflict
resolution.

POLS 325 Model United Nations
3 crs.  •  F  •  GE-IIID
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.  •  FC; GE-IIID  •  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 National Security Policy
3 crs.  •  GE-IIID  •  P: POLS 122 or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A study of political aspects of national security as a concept and goal. Focus
is on theoretical development of the concept and its application to current
global issues and problems facing the United States.

POLS 331 International Organization and Law
3 crs.  •  GE-IIID  •  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 International Conflict
3 crs.  •  GE-IIID  •  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 International Political Economy
3 crs.  •  Sp  •  GE-IIID  •  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.  •  GE-IIID  •  P: POLS 122 or consent of instructor. Minimum sopho-
more standing.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
International relations are 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 336 Arab-Israeli Conflict
3 crs.  •  Wi  •  FC; GE-IIID
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 dis-
cussed.

POLS 338 Judicial Politics
3 crs.  •  GE-IIID
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.  •  GE-IIID  •  P: One course in POLS or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Explains various theoretical aspects of political culture and political
structures, and legislative processes, both national and international.

POLS 341 Political Parties, Elections, and Voting
3 crs.  •  GE-IIID; SO  •  P: One course in POLS or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Examines the role of candidates, interest groups, money, cam-
paigns and elections, committees, parties, leadership, the legislative process,
and legislative reform.

POLS 342 Public Opinion and Political Behavior
3 crs.  •  CD1; GE-IIID  •  P: One course in POLS or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Examines the role of candidates, interest groups, money, cam-
paigns and elections, committees, parties, leadership, the legislative process,
and legislative reform.
POLS 344 Media and Politics
3 crs. • Sp odd years • GE-IIID • 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 Film and Politics
3 crs. • Wt • GE-IIID
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. • GE-IIID • 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. • GE-IIID • 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. • CD3; GE-IIID
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 Women and Politics
3 crs. • Sp • GE-IIID • P: Credit may not be earned in both POLS 351 and WMINS 351.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 352 Afro-American Politics
3 crs. • CD3; GE-IIID
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Examines the role of African-Americans in American politics from the mid-twentieth century to the present. Using a cultural studies and policy making approach, the course examines the social, economic, cultural, and political determinants of Afro-American politics after 1945.

POLS 390 Culture and Politics
3 crs. • FC; GE-IIID
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.

POLS 395 Directed Studies
1-3 crs. • Not for GE • May be repeated • Department Consent Required
Study of a political problem or topic.

POLS 397 Student Academic Apprenticeship in Political Science
1-6 crs. • Not for GE; SL • May be repeated for a maximum of 6 credits • P: 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. • Not for GE • May be repeated • P: Minimum junior standing • Department Consent Required

POLS 403 U.S. Constitutional Principles - Powers of Government
3 crs. • 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 U.S. Constitutional Principles - Civil Liberties
3 crs. • 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 U.S. Constitutional Principles - Due Process and Criminal Law
3 crs. • 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. • Sp • Not for GE; CP • P: POLS 290, at least one course in each of the four areas of the discipline. Limited to political science majors. Minimum senior standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Special Topics - Advanced Political Problems
1-3 crs. • Not for GE • 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. • Not for GE • 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. • Not for GE; SL; IN • May be repeated for a maximum of 6 credits • P: Minimum junior standing. • 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. • Not for GE • May be repeated • P: Minimum senior standing • Department Consent Required
Psychology

HIBBARD humanites HALL 277
(715) 836-5733
www.uwec.edu / Lists/ Acad.htm

LORI BICA, CHAIR


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 AP examinations. Credit for Psyc 100 and 265 can be awarded through CLEP 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 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 four core domains; no more than two core domains may include a 200-level course for this requirement:

Biological
372 Individual Differences and Behavior Genetics, or
373 Evolutionary Psychology, or
375 Physiological Psychology, or
376 Psychology of Perception, or
377 Psychopharmacology

Developmental
230 Human Development, or
311 Child Psychology, or
321 Psychology of Adolescence, or
333 Psychology of Adulthood and Aging, or
335 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
334 Psychology of the Exceptional Child, or
336/336 Psychology of Women, or
340 Personality Psychology, or
350 Abnormal Psychology

Remaining credits to total 36 selected from any Psychology courses.

NOTE 1: At least 18 credits from 300- and 400-level courses are required for the major.
NOTE 2: A maximum of nine credits earned in Psyc 395, 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: Credit in the Biological core domain may be earned by completion of IDS 152 Interdisciplinary Studies in the Natural Sciences when offered as “Introduction to Neuroscience.”
NOTE 5: 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.

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 AP examinations. Credit for Psyc 100 and 265 can be awarded through CLEP 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 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
372 Individual Differences and Behavior Genetics, or
373 Evolutionary Psychology, 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
320 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
334 Psychology of the Exceptional Child, or
336 Women 336 Psychology of Women, or
340 Personality Psychology, or
350 Abnormal Psychology

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 Psy 395, 396, 399, 491, and 499 with departmental approval.
NOTE 2: Credit in the Biological core domain may be earned by completion of IDS 152 Interdisciplinary Studies in the Natural Sciences when offered as "Introduction to Neuroscience."
NOTE 3: 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, Su • GE-IIIE
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 • Not for GE • P: Limited to psychology majors and minors.
Concurrent enrollment with PSYC 100 recommended.
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2
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, Su • GE-IIIE • 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-IIIE • 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.

PSYC 260 Educational Psychology
3 crs. • F, Sp • GE-IIIE • 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 with special emphasis on cognition, learning, information processing, motivation, individual differences, and evaluation.

PSYC 261 Psychological Development and Classroom Processes
4 crs. • F, Sp • GE-IIIE • P: Grade of C or above in ENGL 110 or equivalent. No credit if taken after or concurrently with PSYC 260 or 261. 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 • Not for GE • P: PSYC 100 for psychology majors/minors; grade of C or above in MATH 104, 109, 111, or 112, or a suitable math placement test score. For non-psyc majors/minors; grade of C or above in MATH 104, 109, 111, or 112, or a suitable math placement test score.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

PSYC 271 Methods of Research in Psychology
4 crs. • F, Sp • Not for GE • 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, Su • Not for GE • 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 • Not for GE • 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 Theories of Counseling
3 crs. • F, Not for GE • P: PSYC 271 for psychology majors and minors; PSYC 100 or 260 for non-psychology majors and minors.
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 Psycho-physical approaches are presented and considered in depth.

PSYC 331 Child Psychology
3 crs. • F, Sp • GE-IIIE • 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.
PSYCHOLOGY

PSYC 332 Psychology of Adolescence
3 crs.  •  F, Sp  •  GE-III  •  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 ex-
perienced. Psychosocial developments of adolescence, including identity,
autonomy, intimacy, sexuality, and achievement, are discussed in depth.

PSYC 333 Psychology of Adulthood and Aging
3 crs.  •  Sp  •  GE-III  •  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 psycho-
logical processes. Discussion of adult role demands: work, marriage, family,
retirement, etc.

PSYC 334 Psychology of the Exceptional Child
3 crs.  •  Not for GE  •  P: PSYC 100
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
A study of exceptional children, their nature, identification, classification,
treatment, and education; including the cognitively disabled, learning dis-
abled, gifted, emotionally disabled, and those having neurological, visual,
auditory, and speech-language handicaps.

PSYC 336 Psychological Women
3 crs.  •  CD1, GE-III  •  P: PSYC 100. Minimum sophomore standing. Credit
may not be earned in both PSYC 336 and WMNS 336.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Advanced undergraduate/graduate seminar designed to examine how both
traditional and feminist psychological theories and research apply to wom-
en’s lives. Topics include sexuality, violence, gender roles, work, relation-
ships, body image, reproduction, motherhood, and sexual orientation.

PSYC 340 Personality Psychology
3 crs.  •  Not for GE  •  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 Positive Psychology
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, ac-
tivities/experiences, and institutions/communities that contribute to happy-
ess and satisfaction.

PSYC 350 Abnormal Psychology
3 crs.  •  F, Sp  •  Not for GE  •  P: PSYC 271. Limited to psychology majors and
minors. Credit may not be earned in both PSYC 350 and PSYC 351. Minimum
junior standing.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Exploration of the modern classification system of abnormal behavior pat-
terns with emphasis on the organic, personality, psychotic, anxiety, and sex-
ual disorders. Historical and modern views of the disorders and their causes
and treatments will be examined.

PSYC 351 Survey of Abnormal Psychology
3 crs.  •  F  •  Not for GE  •  P: PSYC 100. Credit may not be earned in both
PSYC 350 and PSYC 351. Minimum junior standing.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Overview and exploration of abnormal behavior patterns and psychological
disorders. Emphasis on anxiety, mood, psychotic, personality, dissociative,
and childhood disorders. Discussion includes historical and multi-cultural
perspectives, as well as ethical and professional issues.

PSYC 353 Health Psychology
3 crs.  •  F  •  Not for GE, SHI  •  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 357 Ethics in Psychology
3 crs.  •  F  •  Not for GE  •  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 Foundations of Psychological Measurement
3 crs.  •  F  •  Not for GE  •  P: PSYC 100
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Basic concepts and principles of measurement, including reliability and va-
lidity of intelligence, special aptitudes, achievement, psychological traits and
characteristics.

PSYC 366 Statistical Methods in Psychology II
3 crs.  •  Not for GE  •  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 Individual Differences and Behavior Genetics
3 crs.  •  F  •  Not for GE  •  P: PSYC 271 for psychology majors and minors. No
credit if taken after PSYC 491 with the same topic. Permission required if not a
psychology major or minor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Course introduces students to the structure of various individual differences
attributes (abilities, personality, interests). Introduces behavioral genetic re-
search designs that unravel the causal structure of individual differences and
reviews exemplary findings from this research.

PSYC 373 Evolutionary Psychology
3 crs.  •  F  •  Not for GE  •  P: PSYC 271 for psychology majors and minors: consent
of instructor for non-majors. No credit if taken after PSYC 491 with the
same topic.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Fundamentals of evolutionary psychology, grounded in natural and sexual
selection. Review research and theory on human mating, friendship, paren-
tal investment, infants’ knowledge of the physical world, aggression and war-
fare, status and dominance, emotion, rape, and jealousy.

PSYC 375 Physiological Psychology
3 crs.  •  F  •  Not for GE  •  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 Psychology of Perception
3 crs.  •  Sp  •  Not for GE  •  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, tac-
tile and proprioceptive senses, and related research methodology and physi-
ology.

PSYC 377 Psychopharmacology
3 crs.  •  F, Sp, Su  •  Not for GE  •  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 perspec-
tives. Topics include drug classification and scheduling, therapeutic effects
of drugs, substance abuse prevention and treatment programs.

PSYC 378 Psychology of Language
3 crs.  •  F  •  Not for GE  •  P: PSYC 271 for psychology majors and minors. PSYC
100 for non-psychology majors and minors.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Phonological, syntactic, and semantic aspects of adult language competence
and performance; acquisition of language by children; language-thought rel-
ations; bilingualism and language disturbances.

PSYC 379 Cognitive Psychology
3 crs.  •  Not for GE  •  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 Introduction to Behavior Modification
3 crs.  •  Not for GE  •  P: PSYC 271
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Provides a thorough knowledge of the principles of behavior analysis as applied to human problems, the ethics of their use, and methods for evaluating their effectiveness. Field experiences in applying behavioral methods are included.

PSYC 385 Practicum in Applied Behavior Analysis
3 crs.  •  Not for GE; SL  •  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 Advanced Applied Behavior Analysis
3 crs.  •  F, Sp  •  Not for GE  •  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 service settings. Content will focus on functional assessment, ethics, and primary research in applied behavior analysis.

PSYC 395 Directed Studies
1-3 crs.  •  F, Sp, Su  •  Not for GE  •  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.  •  F, Sp, Su  •  Not for GE  •  May be repeated for a maximum of 6 credits  •  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.  •  F, Sp, Su  •  Not for GE  •  May be repeated for a maximum of 6 credits  •  P: 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  •  Department Consent Required
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.  •  F, Sp, Su  •  Not for GE  •  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  •  Not for GE; 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.  •  F, Sp  •  Not for GE; 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 Experimental Analysis of Behavior
3 crs.  •  F, Sp  •  Not for GE  •  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.
Sociology

SCHNEIDER SOCIAL SCIENCE 440
(715) 836-2720
www.uwec.edu/Lists/Acad.htm

MELISSA BONSTEAD-BRUNS, CHAIR

MARGARET L. CASSIDY, VICKY CRANE, JEFF S. ERGER, PAMELA FORMAN, JEREMY HEIN, JANUN 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:

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<th>Course</th>
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<tr>
<td>Soc 101</td>
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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:

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<td>Soc 101</td>
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<td>490</td>
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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:

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<td>Soc 101</td>
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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:

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<td>Soc 101</td>
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Nine credits selected from the following:

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<th>Course</th>
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<tr>
<td>Soc 164</td>
<td>9</td>
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</table>

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-IIIP

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-IIIC • P: No credit if taken after Soc 203. Credit may not be earned in both CRMJ 103 and Soc 103

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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-IIIF • P: Credit may not be earned in both SOC 164 and WMNS 164.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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. • GE-IIIF • P: Credit may not be earned in both SOC 202 and WMNS 202.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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. • GE-IIIF
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 • Not for GE • 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-IIIF • P: CRMJ/SOC 103. Credit may not be earned in both CRMJ 302 and SOC 302.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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. • GE-IIIF
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-IIIF • 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. • GE-IIIF • P: SOC 101. Credit may not be earned in both SOC 316 and WMNS 316.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Examines research and theory on families in the U.S. Emphasis on variations in families, recent changes, and prospects for the future.

SOC 318 The Individual in Society
3 crs. • F, Sp • GE-IIIF • P: SOC 101
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Examines the individual in society. Topics covered include identity, reasoning, emotion, gender differences, and face-to-face interaction.

SOC 320 Women and Men in Society: The Sociology of Gender
3 crs. • GE-IIIF • P: Credit may not be earned in both SOC 202 and WMNS 202.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 322 Contemporary Social Problems
3 crs. • GE-IIIF
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 328 Sociological Data Analysis
3 crs. • F • Not for GE • 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 • Not for GE • 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.

SOC 332 Sociological Research Methods
3 crs. • F • Not for GE • P: SOC 330. Limited to sociology majors and minors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Introduction to qualitative research methods in sociology such as participatory 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. • GE-IIIF • 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 various forms of deviance are examined. Social action programs to control, manage and prevent deviance are presented, analyzed, and evaluated.

SOC 364 Social Gerontology
3 crs. • GE-IIIF • P: SOC 101
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Focus on normal aspects of aging. Effect of aging on roles of aged in economy, government, religion, family, community, voluntary associations, and other sectors of society. Theories of aging and current research in the area.

SOC 368 Social Gerontology
1-3 crs. • F, Sp, Su • Not for GE • 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 395 Directed Studies
1-3 crs. • F, Sp • Not for GE • 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 395 Directed Studies
1-3 crs. • Not for GE • 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. • Not for GE • May be repeated • P: Six credits in sociology; Minimum resident GPA of 2.50. • Department Consent Required
An intensive study of a sociological topic resulting in a quality paper or report.

SOC 415 Social Movements
3 crs. • Not for GE • 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-IIIF • P: SOC 101
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

SOC 419 Sociology of Women
3 crs. • CD1; Not for GE • P: SOC 101. Credit may not be earned in both SOC 419 and WMNS 419.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.
**SOCIETY**

**SOC 426 Sociology of Sexualities**
3 crs. • F • Not for GE • P: SOC 101. Credit may not be earned in both SOC 426 and WMNS 426. Limited to sociology majors/minors or family studies minors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 490 Sociology Capstone**
3 crs. • F • Not for GE • 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. • Not for GE • 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. • Not for GE • 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 • Not for GE • 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 • Not for GE • 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 • Not for GE; SL; IN • 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. • Not for GE • May be repeated • Department Consent Required
An intensive study of a sociological topic resulting in a quality paper or report.

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**College of Business**

V. Thomas Dock, Dean (Schneider 119)

Robert J. Sutton, Associate Dean (Schneider 117A)

Jack P. Hoggett, Assistant Dean—Student Affairs (Schneider 117A)

Gretchen A. Hutter, Assistant Dean—Development and Marketing (Schneider 119)

Jessica Gardner, Career and Employment Manager, Career Services (Schofield 226)

Marilyn A. Bergmann, Coordinator, Distance Learning and Technology Services (Schneider 119)

Robert C. Effmeyer, Director, MBA Program and Undergraduate Distance Learning Program Coordinator (Schneider 215)

Raymond Hughes, Director, Entrepreneur Program and Dennis L. Hayde 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 14 undergraduate degree programs, eight minors, and six certificate programs. Approximately 2,100 students are enrolled in the college’s undergraduate programs. Today, approximately 200 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 BUSCORE, 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
Three Year and Four Year Time-to-Degree Programs

BACKGROUND INFORMATION: The four year time-to-degree program is currently available to all business majors, and over one-half of them graduate in four years; the new three year time-to-degree program will be available to all business majors except Health Care Administration.

Conceptual and Implementation Framework for Three Year and Four year Time-to-Degree Programs
1. The objective of the three year and four year programs is to enable a declared business major to graduate with 120 credits within a three year or four year time period.
2. While all College majors may participate in the three-year or four-year time-to-degree programs, no student will be required to do so.
3. Incoming freshman with no Mathematics or English deficiencies may participate in the three year time-to-degree program.
4. Six of the seven college majors can be completed in a three year time period. The exception is the Health Care Administration major, which can be completed in four years.
5. Transfer students with an Associate degree may graduate in two years after being admitted to the University.
6. All majors have been structured so they can be completed in either three years or four years, whether or not the student:
   • Enters the University as a freshman with credits towards degree*
   • Participates in a Study Abroad program for a semester or summer**
   at one of the universities approved as international sites where business courses are taught
   • Completes a semester or summer internship worth three credits
7. Generally, a student changing his/her major after being admitted to the College of Business may increase the time-to-degree.
8. Faculty/student collaborative research opportunities will continue to be available with all of the three year and four year time-to-degree programs.
9. A student can participate in study abroad, an internship, and/or work during the year and simultaneously continue his/her time-to-degree program through online courses. The College will be establishing a number of regularly offered Core and elective online courses, all of which will go through the Quality Matters rubric, a distinctive, nationally recognized online assessment tool.
10. Students are required to work with their Chair and/or advisor to discuss and plan their (1) major, (2) three year or four year course schedule and (3) career. To ensure that this advising opportunity occurs, the College has a mandatory freshman through senior status advising program with an assigned college faculty member.

*The College of Business will apply up to 60 credits of appropriate Advance Placement, transfer, and other credits which may shorten a student’s time-to-degree.

**A student participating in the three year time-to-degree program only may select a Study Abroad program for a summer session.

However, either one of these two programs may not be desired by many students. The following are reasons why many students have decided, and why many students will continue to decide to voluntarily

remain in college longer than four years: A student
1. may be unable and/or unwilling to complete 30 credits per year for four years or 40 credits per year for three years
2. may want to enroll in several courses that strengthen his/her education but do not count towards the 120 credit degree requirements
3. may change his/her major, which results in some course work no longer counting towards the 120 credit hours required to graduate
4. may have to repeat one or more courses
5. may not follow the College’s recommended academic program
6. may want to add a second minor and/or certificate program
7. may want to complete both a semester long study abroad and a semester domestic internship
8. may feel that the quality of learning (academic and experiential) he/she wants to achieve cannot be achieved in a three year or four year degree program

For one or more of the above reasons, the College of Business encourages a student to discuss the three year and four year time-to-degree programs with the department chair and/or faculty advisor prior to making a decision to enter one of these programs.

Bachelor of Business Administration (BBA) Comprehensive Majors:
- Accounting
- Business Economics
- Business Finance
- Health Care Administration
- Information Systems
- Business Analysis
- Systems Development
- Management
  - Entrepreneur Program
  - General Management
- Human Resource Management
- Operations/Materials Management
- Marketing
  - General Marketing
  - Marketing Analytics
- Professional Sales
- Entrepreneurship
- Information Systems Audit and Control
- International Business*
- Management
- Marketing

*The International Business minor is available to all UW-Eau Claire majors.
Approved Double Major and Major/Minor Combinations within a Single Department in the College of Business

Double Major Combinations
• Any Management emphasis with any Marketing emphasis
• Health Care Administration with any Management or Marketing emphasis

Major/Minor Combinations
• Accounting Major with Information Systems Audit and Control minor
• Any Management emphasis major with Marketing minor
• Any Marketing emphasis major with Management minor
• Business Administration major with Marketing minor
• Health Care Administration major with Management minor
• Health Care Administration major with Marketing minor
• Either Information Systems emphasis major with Information Systems Audit and Control minor

NOTE: Students who select the Business Administration standard major or 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.

College/Department
College of Business
Accounting and Finance
Business Communication
Information Systems
Management and Marketing

Program
The Essentials: Business Administration Certificate
International Business Certificate*
150 Credit Hour Accounting Certificate
Advanced Business Communication Certificate
Information Systems Certificate
Leadership Studies Certificate

*The International Business Certificate is available to all UW-Eau Claire majors.

The Essentials: Business Administration Certificate
The Essentials is a “business” program for those without a major or minor in business or for students who started in the business program and moved to another program outside the College of Business. Students can take one or more courses or complete the entire 13-credit Essentials of Business Administration certificate. All courses are delivered online.

1. The Business Administration Certificate will be awarded to any student who completes:
   • Introduction to the World of Business (1 cr.) Bsd 100
   • Essentials of Accounting (2 crs.) Bsd 105
   • Five additional courses from the Essentials of Business series
     - Essentials of Human Resource Management (2 crs.) Bsd 115
     - Essentials of Personal Finance (2 crs.) Bsd 120
     - Essentials of Marketing (2 crs.) Bsd 125
     - Essentials of Management (2 crs.) Bsd 130
     - Essentials of Business Communication (2 crs.) Bsd 135
     - Essentials of Information Systems (2 crs.) Bsd 140
     - Essentials of Business Law (2 crs.) Bsd 145
     - Essentials of Investing (2 crs.) Bsd 150
     - Essentials of Leadership (2 crs.) Bsd 155
   • Student must have a composite GPA of 2.25 or higher on all courses completed toward the certificate.

2. The courses have no prerequisites. These courses will not be accepted for credit toward a business major or minor, nor will they fulfill MBA prerequisites. (A list of these courses and their course descriptions can be found under the Business Administration course list section within the Department of Management and Marketing.)

3. A student who earns a grade of C or above in a College of Business comparable BUSCORE course can receive credit for the comparable Certificate course if he/she chooses not to pursue a business major or minor.

Contact the Essentials Program Coordinator in SSS 123B for more information.

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 245 or 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: Career Planning (Becoming a Business Professional), Professional Appearance, The Job Campaign (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/spdp.

Residency Requirements for College of Business Majors:
See page 46 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.

<table>
<thead>
<tr>
<th>General Education Requirements</th>
<th>BBA Degree Proficiency Requirements Which May Be Applied to the G.E. Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category I: Communications and Analytical Skills</td>
<td>A. CJ 202&lt;br&gt;B. Math 246&lt;br&gt;NOTE: BBA majors, with the exception of the Health Care Administration major, must also take Math 111 or its equivalent</td>
</tr>
<tr>
<td>(A minimum of six credits including at least one course from subcategory A and one course from subcategory B.)</td>
<td></td>
</tr>
<tr>
<td>Category II: Natural Sciences</td>
<td>List A—Business majors must select from the following list of laboratory science courses: Biol 100, 151, 195; Chem 100, 103, 104, 115; 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</td>
</tr>
<tr>
<td>(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.)</td>
<td></td>
</tr>
<tr>
<td>Category III: Social Sciences</td>
<td>Econ 103 and 104; and one course from the following list: AIS/Anth 161; Geog 111, 155; Pols 122, 265, 346; Psy 100; Soc 101; Idis 201, 325</td>
</tr>
<tr>
<td>(Nine to 12 credits from at least two of the seven subcategories.)</td>
<td></td>
</tr>
<tr>
<td>Category IV: Humanities</td>
<td>No specific courses are required.</td>
</tr>
<tr>
<td>(Nine to 12 credits from at least two of the five subcategories.)</td>
<td></td>
</tr>
<tr>
<td>Category V: University Wide General Education</td>
<td>Students may include up to six credits from this category in General Education.</td>
</tr>
<tr>
<td>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 that the proficiencies for CJ 202, Math 246, Econ 103, Econ 104, and for one of the following courses must still be met: AIS/Anth 161, Geog 111, 155; Pols 122, 265, 346; Psy 100; Soc 101; Idis 201, 325.</td>
<td></td>
</tr>
</tbody>
</table>

*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
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 199 for the Health Care Administration major “Core courses related to administration.”) It consists of the following 12 courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acct 201</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>Acct 202</td>
<td>Principles of Accounting II</td>
</tr>
<tr>
<td>Bcom 206</td>
<td>Business Writing*</td>
</tr>
<tr>
<td>Bcom 207</td>
<td>Business Presentations**</td>
</tr>
<tr>
<td>Bsd 300</td>
<td>Diversity in the Workplace</td>
</tr>
<tr>
<td>Bsd 305</td>
<td>Legal and Regulatory Environment</td>
</tr>
<tr>
<td>Fin 320</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
</tr>
<tr>
<td>Mgmt 340</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>Mgmt 341</td>
<td>Operations Management</td>
</tr>
<tr>
<td>Mgmt 449</td>
<td>Strategic Management in a Global Business Environment</td>
</tr>
<tr>
<td>Mktg 330</td>
<td>Principles of Marketing</td>
</tr>
</tbody>
</table>

NOTE: Unless otherwise indicated, all 400-level courses in the College of Business require the following core courses: Bsd 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 coursework 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 117A).

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 119) for further information.

The UW-Eau Claire College of Business, as a member of the UW Internet Business 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 112. 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 College of Business Academic Affairs office, Schneider 117A, 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:

<table>
<thead>
<tr>
<th>College of Business Admission Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Complete the following five courses with at least a 2.20 GPA: Acct 201, Acct 202, Econ 103, Econ 104, IS 240.</td>
</tr>
<tr>
<td>• Present a 2.30 or higher GPA in all undergraduate work completed prior to admission. (Transfer students must have at least a 2.00 GPA on all UW-Eau Claire coursework they have completed.)</td>
</tr>
<tr>
<td>• Complete 54 credits.</td>
</tr>
<tr>
<td>• Complete the Student Professional Development Program Workshops.</td>
</tr>
<tr>
<td>See Department of Management and Marketing for Health Care Administration admission process.</td>
</tr>
</tbody>
</table>

Application Procedure. Application for admission to the College of Business should be made during the semester in which the last of the above criteria is 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 117A, 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 student, or other experience-based learning opportunities.
• maintain an acceptable GPA—the College of Business has several admission requirements that are tied to the 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.

Advising. All pre-business and admitted business students are assigned a faculty adviser. Ordinarily, adviser assignments are made during freshman or transfer orientation.

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/chgofmajor.

All students are encouraged to obtain a new degree audit during this process.

Students should consult their College of Business faculty 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 117A.

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 Career Link can be purchased in Career Services, Schofield 230, (715) 836-5388.

• **Career Events:** Each year Career Services sponsors a variety of career events designed to allow students to explore internships and career options:
  - **Career Conference—fall semester**
  - **Explore Your Possibilities—fall semester**
  - **Graduate & Professional School Fair—fall semester**
  - **Nursing & Health Care Professional Career Fair—fall & spring semesters**
  - **Internship Mania—spring semester**
  - **Job Search Bootcamp—spring semester**
  - Over 500 professionals representing a wide variety of organizations attend these events to meet with UW-Eau Claire students and alumni.

• **On-campus recruitment program:** Over 800 interviews are conducted on-campus each year by various local, regional, and national employers. All interviews are coordinated through the Career Services office and Blugold CareerLink. 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 gain 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 this internship program. IS majors may participate in the IS 320 internship as sophomores and prior to being admitted to the College of Business. Most students participating in the Business Internship Program must meet College of Business admission requirements. 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 minimum criteria:

- Work done by the student must be related to his/her field of study and individual interest within the field.
- The internship period must be three to eight months long.
- The employer must designate an internship supervisor to oversee and evaluate the student’s performance during the internship experience.

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 Tecnologico, 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 Director (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 Busi-
Students in Free Enterprise (SIFE) (2003), an international organization for students interested in exploring careers in financial management.

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 Upsilon Sigma (BUS) (1957), a national scholastic honor society in the field of accounting, recognized by AACSB International—The Association to Advance Collegiate Schools of Business (AACSB International).

Pi Sigma Epsilon (PSE) (2008), a national professional fraternity for 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: www.uwec.edu/cob/unundergraduate/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 119C.

SPECIAL CURRICULAR OPTIONS

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) is the adviser for students seeking the International Business minor. The minor requires acceptance into the College of Business.

MINOR: International Business (Code 740-411)

Required Courses (15 credits of the following):

- Fin 325: International Financial Management
- Mgmt 345: Managing Global Organizations
- Mktg 335: International Marketing

One of the following:

1. Complete a three-credit business course (other than a course that would transfer as Mktg 335, Mgmt 345, or Fin 325) at a study abroad site.
2. Complete a three-credit directed study project during a study abroad experience (if no business courses are offered at the site).
3. Complete a three-credit International Business Internship (completed 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). Includes a written report as specified by adviser.

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: Nine credits from the following (maximum one course per discipline with at least six of the nine credits being from the 300/400 level):

- Bsd 315: International Business Law
- IS 310: Systems Analysis and Design
- Anth 315, 351, 355, 422, 463; Anth / Wmns 356
- ArtH 112, 201; ArtH / AIS 335
- CJ 301, 319
- Econ 351, 353, 355; Econ / LAS 356
- Poli 122, 260, 265, 318, 321, 322, 323, 327, 331, 334, 335, 390; Poli / LAS 319, 320
- Rel 100, 304, 307, 309, 312, 314, 323, 350, 351; Rel / AIS 330

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) is the adviser for students seeking the Certificate in International Business. The Certificate does require acceptance into the College of Business.

Certificate: International Business

Required courses:
- Geog 301, 308, 378, 446
- Study abroad or international internship (three credits)
- Econ 351, 353, 355; Econ/LAS 356
- Anth 351 or Anth/Wmns 356
- IS 310: Systems Analysis and Design
- Bsad 315: International Business Law

Elective Courses: Three-four credits from the following (maximum one course per discipline):
- Mktg 335: International Marketing

Total 12 credits

INTERDISCIPLINARY MAJOR

COMPREHENSIVE MAJOR: ECONOMICS, Business (Code 360-002)

Business Economics is a comprehensive major available to College of Business students seeking a degree program that combines the study of business with economics. Major courses are taught by faculty from the Colleges of Business and Arts and Sciences (the Department of Economics resides within the College of Arts and Sciences). Business Economics majors graduate with a Bachelor of Business Administration degree.

Students interested in pursuing this major are encouraged to work with members of the Finance faculty as they plan their course of study.

Sixty semester credits, including the BUSCORE; Econ 103, 104, 303, 304, 321; Math 246; and electives from the following courses to bring the total to 60 semester credits: Econ 308, 311, 315, 316, 318, 322, 325, 331, 335, 341, 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, 360; Econ/LAS 356; Econ/Wmns 337, 357.

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.

NOTE 4: See the Department of Economics section in the College of Arts and Sciences for course descriptions.

NOTE 5: Economics majors must complete the capstone project during the year prior to graduation. Information about this project can be found in the Economics Department office, Schneider 476.

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: Coursework, Directed Project, or Thesis.

Students who select the Coursework 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 PREREQUISITIES

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 coursework, undergraduate coursework, 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 coursework 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, and/or 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.wisconsinonlinemba.org.
MBA Foundation Courses
Acct 703 Accounting Foundations for Business Decisions
Acct 704 Accounting Foundations for Management Decisions
Econ 703 Macroeconomics 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 coursework 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 coursework 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. There are two exceptions to conditional students not being allowed to enroll in the graduate MBA program. First, an undergraduate student who is currently enrolled at UW-Eau Claire and has satisfactorily completed all foundation coursework, 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. Secondly, a student who has completed all admission requirements except for a satisfactory GMAT or GRE score may be permitted to enroll in MBA 711 or a limited number of electives, but will not be permitted to register in subsequent electives without a satisfactory GMAT or GRE score.

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 Arokar, Margaret Devine, Sheril Gilbertstadt, Jay Holmen, Nan Hu, Raymond Hughes, Dennis Knutson, Vladimir Kotomin, Ling Liu, Thomas Mihailov, William Miller, William Ogden, Aimee Perstein, James Rundall, Roger Selin, 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. A certificate program is provided for students who wish to meet the requirement for 150 semester hours of university credit in order to sit for the CPA examination. The Department also offers a comprehensive major in Finance. Minors in Accounting, Information Systems 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 Curricular 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.

Many employers of entry-level accountants require 150 credits of accounting coursework, 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:

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<th>Accounting Core</th>
<th>Accounting Electives</th>
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<td>Acct 301</td>
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<tr>
<td>Acct 495</td>
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</tbody>
</table>

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.

MBA Program
Students can meet the 150-hour requirement by completing the MBA degree. The MBA is designed to allow accounting students to complete an undergraduate and a graduate degree in five years. Organized in a modular format, the MBA can be started in the last semester of the undergraduate program. Additional information about the MBA is available in the Graduate Catalog or from the MBA Office (Schneider 215).

Certificate Program
Students can meet the 150-hour requirement for the 150-hour Accounting Certificate by completing the BBA in Accounting degree plus 30 additional semester hours. This option is designed to provide breadth of knowledge in the accounting foundation courses and depth of knowledge in specialized areas of accounting as well as breadth of knowledge in other business disciplines. This option provides coursework which emphasizes communication, critical thinking, and analytical skills. Accounting students should consult with their advisers to determine which of the 150-hour options is best designed to help them reach their educational and career goals.
In addition to the 120-hour accounting degree, this certificate requires:
Three additional accounting electives (see list under accounting major)
Advanced Business Communication Certificate
Mktg 337
Busad 310
Additional Business Courses (nine credits—one course must be selected from each of the listed areas)
Finance: 321, 322, 326, 327, 429
Management: 342, 349, 414, 441, 446
Info Systems: 290, 310, 344
Internship (optional): one to three credits

MINOR: ACCOUNTING
(Code 720-403)
Twenty-four semester credits including Acct 201, 202, 301, 314, 321.
The remaining credits selected from other accounting courses and/or Fin 327. 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: This minor is not available to Accounting majors.
NOTE 4: Students 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: INFORMATION SYSTEMS AUDIT AND CONTROL
(Code 720-404)
Twenty-seven semester credits including: Acct 301, 313, 430, 435, plus one Acct elective (choose from Acct 302, 314, 420); IS 314, 344, either 365 or 375, plus one IS elective (choose from IS 394, 411, 450, 455).
This minor is designed for students interested in becoming information systems auditors.
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.

COMPREHENSIVE MAJOR: BUSINESS FINANCE
Sixty semester credits, including the BUSCORE (31 credits); plus:

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<th>Credits</th>
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<tr>
<td>Finance Foundation Core</td>
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<td>Fin 325</td>
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<td>Fin 327</td>
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<td>Required Accounting Courses</td>
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<td>Additional Required Finance Courses</td>
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<tr>
<td>Elective Courses</td>
<td>minimum of three credits from:</td>
</tr>
<tr>
<td>Fin 310, 326, 371, 410, 420, 424, 425, 426, 429, 495; Econ 318; Acct 401; Mgmt 414; Mktg 337</td>
<td></td>
</tr>
<tr>
<td>Additional Required Credits</td>
<td>2 credits of Bus / Econ at the 300 level or above</td>
</tr>
</tbody>
</table>

ACCOUNTING AND FINANCE

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, 327, 371, 420, 424, 425, 426.
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: This minor is not available to Accounting majors.
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.

Departmental Honors Program in Accounting and Finance
Objectives:
1. To provide outstanding students in accounting and 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 accounting and finance.

Eligibility:
Upper-class accounting and finance majors with resident, overall, and major GPAs of 3.50 or higher. Completion of Acct 201 and 202. Completion of Acct 301 for accounting majors. Completion of Fin 320 for finance majors.

Procedure:
Applicants must prepare a proposal listing courses to be taken for honors credit. The Departmental Honors Committee (a subcommittee of the Departmental Curriculum Committee) will approve candidates for admission to the Departmental Honors Program and certify fulfillment of the requirements for graduation with Departmental Honors. The committee will be provided copies of all written reports and evaluations related to the student’s fulfillment of the departmental honors requirements.

Requirements:
1. Completion of a major in accounting and/or finance. Nine credits of regular accounting and/or finance courses taken for honors credit.
2. To obtain honors credit, students must demonstrate additional scholarship through special research, projects, or assignments. Accounting classes taken for honors credit must be numbered above Accounting 301. Finance classes taken for honors credit must be numbered above Fin 320. One course must be elective for the major.
3. Completion of the department’s senior honors seminar, Acct/Fin 490. Through this seminar each student will complete a final honors project. That project will ordinarily result in a written report and an oral presentation to the seminar group and other interested faculty and students.
4. At graduation, the student must have resident, overall, and major GPAs of 3.50 or higher.

ACCT

ACCT 201 Principles of Accounting I
3 crs. • F, Sp, Su
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Recommended for sophomores, but should be taken by freshmen accounting majors.
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: ACCT 201
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.
ACCOUNTING AND FINANCE

ACCT 210 Service-Learning in Accounting
1 cr.  •  F, Sp  •  SH  •  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 Intermediate Accounting I
3 crs.  •  F, Sp  •  P: ACCT 202
Lecture/Discussion Hours: 3  •  Lab/Studio Hours: 0
• Should be taken in sophomore year by accounting majors.
Development and implementation of the conceptual and practical aspects of valuation and income determination, time value of money, accounting changes, inventory valuation, and current and noncurrent assets. Special emphasis on GAAP as it relates to topics being covered.

ACCT 302 Intermediate Accounting II
3 crs.  •  F, Sp  •  P: ACCT 301/501
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 Environmental and Sustainability Accounting
3 crs.  •  Sp  •  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/man-agerial 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, Sp  •  P: ACCT 202, IS 240. 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. Credit may not be earned in both ACCT 312 and ACCT 314.
Lecture/Discussion Hours: 3  •  Lab/Studio Hours: 0
• No credit toward accounting majors.
Analysis and interpretation of accounting data approached from the managerial viewpoint, with emphasis on planning and control, and decision-making.

ACCT 313 Auditing
Lecture/Discussion Hours: 3  •  Lab/Studio Hours: 0
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.

ACCT 314 Cost Accounting
3 crs.  •  F, Sp  •  P: ACCT 202, IS 240. Limited to accounting majors, minors and finance majors. Admission to College of Business Required. See current catalog for COB admission criteria. Minimum junior standing. Credit may not be earned in both ACCT 312 and ACCT 314.
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.  •  F
Lecture/Discussion Hours: 3  •  Lab/Studio Hours: 0
• Should not be taken by those required to complete Acct 321 and 322.
Introduction to the determination of taxable income of individuals, with emphasis on the reporting of tax data.

ACCT 321 Introduction to Income Tax
3 crs.  •  F, Sp  •  P: ACCT 202. 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 nonbusiness deductions, gains and losses, credits, and tax computations.

ACCT 324 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 Advanced Financial Accounting
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 Contemporary Issues in Accounting
3 crs.  •  F  •  P: ACCT 401/501, ACCT 315/515 or concurrent enrollment in ACCT 313/513. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to College of Business required. See current catalog for College of Business 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 Income Tax Assistance
1 cr.  •  Sp  •  SO, SOH  •  May be repeated for a maximum of 2 credits  •  P: ACCT 321 and BSAD 300. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to College of Business required. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 1  •  Lab/Studio Hours: 0
Course provides students with instruction in stage 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 International Accounting
3 crs.  •  Sp  •  P: ACCT 302. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to College of Business required. See current catalog for College of Business admission criteria.
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 Seminar in Accounting
1-3 crs.  •  Sp  •  A-F Grades Only  •  P: Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to College of Business required. See current catalog for College of Business admission criteria.
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.

ACCT 410 Investment and Retirement Plan Accounting
3 crs.  •  F  •  P: ACCT 302 and 321. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
Coverage of investment planning and advising for clients, retirement plan accounting, and tax considerations in retirement planning.

ACCT 415 Advanced Auditing and Consulting
3 crs.  •  F  •  P: ACCT 313/513. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
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.
ACCOUNTING AND FINANCE

ACCT 417 Governmental and Nonprofit Organization Accounting
3 crs. • V • P: ACCT 302. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
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 Financial Accounting Theory
3 crs. • V • P: ACCT 302/502. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
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 Fraud Investigation and Prevention
3 crs. • F • P: ACCT 302 and 313. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
Coverage of fraud methods, fraud investigation, and fraud prevention through internal controls. Emphasis on financial and asset misappropriation frauds.

ACCT 423 Advanced Tax Accounting
3 crs. • F • P: ACCT 302 and 313. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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

ACCT 425 Ethics in Accounting
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 Accounting Systems
3 crs. • F • P: ACCT 302. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
This class requires access to a laptop computer which can be brought to class when required.

ACCT 435 Advanced Accounting Systems and EDP Auditing
3 crs. • V • P: ACCT 430 and IS 375. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
This class requires access to a laptop computer which can be brought to class when required.

ACCT 444 Profit Management and Budgetary Control
3 crs. • V • P: ACCT 302 and 314/514. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
The 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 Financial Statement Analysis
3 crs. • F, Sp • P: ACCT 302 and 321. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
An in-depth study of the techniques of financial statement analysis. Topics will include ratio analysis, liquidity analysis, capital structure analysis, and profitability analysis. Both oral and written communications will be stressed. This course contains an integrated communication component.

ACCT 460 Accounting Technology and Applications
3 crs. • F, Sp • P: ACCT 302, 314, and 321. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Limited to Accounting majors admitted to the College of Business. 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.

ACCT 470 Governmental and Nonprofit Organization Accounting
1-3 crs. • 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. • V • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required
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 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
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 • SH • May be repeated for a maximum of 2 credits • S/U Only Grade Basis • Instructor Consent Required
Students provide workshops and one-on-one mentoring.

FIN 310 Financial Literacy Program
1 cr. • F, Sp, Su • SH • 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, Sp, Su • P: ECON 103 and 104, ACCT 202, and BSAD 202 or MATH 246. Admission to College of Business required or Math-Actuarial major. See current catalog for College of Business admission criteria. • Department Consent Required
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.
ACCOUNTING AND FINANCE

FIN 321 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 Security Analysis
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 International Financial Management
3 crs. • V • 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 Short Term Financial Management
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
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 Long Term Financial Management
3 crs. • Sp • P: FIN 320. Limited to finance majors/minors and math-actuarial 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
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 371 Introduction to Insurance
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
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. • V • 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 | 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 410 Advanced Financial Literacy Program
1 cr. • E • Sp • SH • May be repeated for a maximum of 2 credits • 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 Cases in Financial Management
3 crs. • F • P: FIN 326. Completion of these Business Core requirements: 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
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 Portfolio Management
3 crs. • F • P: FIN 322. Completion of these Business Core requirements: 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
Introduction to portfolio theory and general asset pricing models. Applications of models for performance evaluation and portfolio management. Theory of options and futures.
Business Communication

SCHNEIDER SOCIAL SCIENCE 400F
(715) 836-4320
www.uwec.edu/bcom

JACK HOGGATT, CHAIR
JANICE CONNOLLY, LARRY HONL, PAULA LENTZ, 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 integrated courses and for advanced study.

The integrated courses involve applied communication training in selected upper division classes. The advanced courses provide students with 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. This program should be completed prior to registering for BCOM 206; however, it may be taken concurrently. A pretest will be administered at the beginning of the program. Students passing the pretest will have this requirement waived. Students are required to have access to a laptop computer which they can bring to the testing center.

CERTIFICATE PROGRAM
The Advanced Business Communication Certificate program is a special recognition awarded to students who have completed additional coursework in business communications and meet specific grade requirements. 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 - Business Communication for the 21st Century
- Bcom 405 - Advanced Business Communication

Contact the Business Communication Department (Schneider 406) 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 chairman, 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.
- The psychology and mechanics of written business communications are thoroughly explored and widely applied. Also included are nonwritten applications in such business areas as international/intercultural, nonverbal, and ethical communications.

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 206. Students will learn to communicate effectively in meetings, roundtables, project teams, and individual presentations; to use technology to enhance presentations; and to apply appropriate psychology and sensitivity when interacting professionally.

BCOM 216 Business Writing II
2 crs. • F, Sp, Su • 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 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
- Organization and preparation of reports of the type used in business, including proposals, informal and formal reports. Techniques of collecting, interpreting, and presenting information useful to management to include the use of electronic hardware and software for increasing productivity and enhancing the report content and image.

BCOM 307 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 Business Communication for the 21st Century
2 crs. • F, Sp • P: BCOM 206 and 207
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
- Business communication theory and practice to enhance and improve the use of technology in today's business environment are explored. Group, organizational, business intercultural, emerging, and interpersonal communications are explored.

BCOM 317 Administrative Management
3 crs. • F, Sp
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 senior standing. Minimum resident and total GPA 2.75. • Department Consent Required

BCOM 405 Advanced Business Communications
2 crs. • F; Sp • CPP: 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 495 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 406
(715) 836-4320
www.uwec.edu/is

Thomas Hilton, Chair

Donald Gaber, Matthew Germonprez, Anthony Keys, Bruce Lo, 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 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.

Minor: Information Systems Audit and Control
(Code 720-404)
See the Accounting and Finance section for information about this minor.

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 coursework 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 these two courses:
• IS 240 Information Systems in Business
• IS 310 Systems Analysis and Design

Non-business students complete two of these three courses:
• IS 290 Introduction to Database Applications
• IS 304 Fundamentals of Business Programming
• IS 345 Networking with Client Operating Systems

Business students complete at least one of these courses:
• IS 290 Introduction to Database Applications
• IS 304 Fundamentals of Business Programming
• IS 345 Networking with Client Operating Systems
• IS 365 Security Policy Management
• IS 455 Project Management
Business students can opt to complete one of these courses:

- Acct 430 Accounting Systems
- Acct 460 Accounting Technology and Applications
- Mgmt 443 Process Simulations and Analysis
- Mkktg 338 Marketing Analytics and Technology

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 • S/U Only Grade Basis • Instructor Consent Required
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2
• No credit to 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 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 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.

Provides fundamental skills and knowledge for programming business applications, interface design, writing documentation, and using debugging tools. Knowledge covered includes procedural programming and object use.

IS 310 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 documenting organizational processes, analyzing information flows, reengineering processes, designing information systems, and managing projects. Team project required.

IS 314 Business Software Engineering
3 crs. • F, Sp • 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 programming skills to the intermediate level. Develops techniques of data access, input, output, and processing in a business environment using object-oriented programming tools. Utilizes beginning SQL programming techniques.

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
Initial coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business applications related to their major field of study.

IS 334 Purchasing and Supply Chain Management
3 crs. • F, Sp • P: MGMT 341. Credit cannot be earned in both MGMT 343 and IS 334 nor in both MGMT 543 and IS 543. 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 course requires access to a laptop computer which can be brought to class when required.

Design and operation of effective purchasing processes. Supplier and supply chain management, with emphasis on globalization, and the role of information technology in enabling contemporary supply chain strategy.

IS 344 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.

In-depth study of physical and logical design structure of relational databases; overview of SQL; hands-on experience with client/server database management system and application-development software.

IS 345 Networking with Client Operating Systems
3 crs. • F • 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 356 Security Policy Management
3 crs. • F • 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.

Managerial issues of information systems security. Development and implementation of policies for assuring the security of projects, software, end-user computing, database management, and networks.

IS 375 Server-based Networking & Security
3 crs. • F • 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 enterprise networking from a server operating system perspective. Theory and practice of topics such as domain creation, Active Directory management and delegation, scripting, security policies, roaming profiles, access permissions, and security auditing.

IS 384 Advanced Design and Development
3 crs. • Sp • 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 performance/quality testing and 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
• Admission to College of Business not required. Available to nonbusiness 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 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.
INFORMATION SYSTEMS

IS 411 Object-Oriented Systems
3 crs. • 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: 2 | Lab/Studio Hours: 1

This course requires access to a laptop computer which can be brought to class when required.

Use the object-oriented approach to design complex business 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.

IS 420 Internship in Information Systems II
1-3 crs. • P: IS 310/510, 344/544, and 345/545 recommended. Limited to IS majors admitted to College of Business. • Department Consent Required

Internship enrollment form available in IS department office. Coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business applications related to their major field of study.

IS 450 Distributed Systems Development
3 crs. • P: IS 310/510 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 Project Management
3 crs. • Sp • P: IS 310 and MGMT 340. Minimum junior standing

This course requires access to a laptop computer which can be brought to class when required. Concepts for and practice of planning, staffing, executing, and completing limited-duration, product-oriented team efforts. Examples from IS and other functional areas of business are used, and students are encouraged to apply their learning in their own functional area.

IS 460 Seminar in Information Systems
3 crs. • E Sp • CP • P: Limited to IS majors admitted to College of Business. Completion of these Business Core requirements: 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. This course includes an integrated communication component.

IS 475 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. Course includes the basics of electronic commerce, the Internet, electronic data interchange, and electronic funds transfer. Students will address current business applications from 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

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. • E 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. • E 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

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 coursework. The following coursework 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.)
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
- IS 455  Project Management
- Mgmt 200  Developing the Leader within You
- 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.)
II. Core courses related to health care

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Econ 280</td>
<td>Health Economics</td>
<td>3</td>
</tr>
<tr>
<td>Nrsng 101</td>
<td>Introduction to Health Services Administration</td>
<td>1</td>
</tr>
<tr>
<td>Head 222</td>
<td>Multidisciplinary Perspectives in Aging</td>
<td>3</td>
</tr>
<tr>
<td>Head 301</td>
<td>Foundations of Quality Management Systems in Health Service</td>
<td>3</td>
</tr>
<tr>
<td>Head 302</td>
<td>Leadership and Management Practices in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>Idis 201</td>
<td>Overview of the U.S. Health Care System: A Policy Perspective</td>
<td>3</td>
</tr>
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</table>

Total: 17

III. Health Care Administration Practicum

Fall Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head 401</td>
<td>Fundamental Field Experience Skills</td>
<td>6</td>
</tr>
<tr>
<td>Head 403</td>
<td>Resident Service Management</td>
<td>1</td>
</tr>
<tr>
<td>Head 404</td>
<td>Quality Management Systems</td>
<td>1</td>
</tr>
<tr>
<td>Head 405</td>
<td>Human Resources Practices</td>
<td>1</td>
</tr>
<tr>
<td>Head 420</td>
<td>Health Care Administration Professional Development</td>
<td>3</td>
</tr>
<tr>
<td>Head 413</td>
<td>Health Care Rules and Regulations</td>
<td>1</td>
</tr>
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</table>

Spring Semester

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head 401</td>
<td>Fundamental Field Experience Skills</td>
<td>6</td>
</tr>
<tr>
<td>Head 406</td>
<td>Information Use and Systems</td>
<td>1</td>
</tr>
<tr>
<td>Head 407</td>
<td>Financial Management</td>
<td>1</td>
</tr>
<tr>
<td>Head 408</td>
<td>Marketing and Public Relations</td>
<td>1</td>
</tr>
<tr>
<td>Head 421</td>
<td>Fundamental Health Care Management Competencies</td>
<td>3</td>
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</table>

Summer Session

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head 401</td>
<td>Fundamental Field Experience Skills</td>
<td>3</td>
</tr>
<tr>
<td>Head 422</td>
<td>Strategic Health Services Leadership Practices</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>GE IA:</th>
<th>GE IB:</th>
<th>GE II:</th>
<th>GE III:</th>
</tr>
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<tbody>
<tr>
<td>CJ 202</td>
<td>Math 246</td>
<td>Biol 151</td>
<td>Econ 103</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>Elementary Statistics</td>
<td>Biology of Humans, Human Nutrition</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>One of: Chem 100, 103, 104, 115</td>
<td>Econ 104</td>
</tr>
</tbody>
</table>

Cultural Diversity Requirement. Health Care Administration majors will satisfy a portion their Cultural Diversity requirement by taking CJ 202, and Bsd 300.

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 fall semester. 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. Declaring a Health Care Administration major does not guarantee admission into the program. Admission to the program coincides with a student’s admission to the College of Business (see page 184 and 185). Each student is assigned to a practicum year cohort at the time of admission 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 coursework 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 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 coursework 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 the 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 may appeal for reinstatement. This policy applies to termination from the Health Care Administration program only.

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 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/entrepreneur 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.
Bsd 280 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.
Bsd 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.

MINOR: ENTREPRENEURSHIP (Code 820-402)

Forty-three semester credits, including the BUSCORE (31 credits), plus 12 additional credits as described below:

Required Courses (9 credits)

Mgmt 271 Introduction to the Entrepreneur Process and Mindset, 2 crs.
Mgmt 371 Entrepreneurial Creativity and Idea Refinement, 1 cr.
Mktg 334 Marketing Research, 3 crs.
Mktg 372 Advanced Marketing for Entrepreneurs, 3 crs.
MANAGEMENT AND MARKETING

Electives (3 credits) Select one of Mgmt 398, 414, 461

NOTE 1: Students selecting this minor must satisfy College of Business admission requirements prior to enrollment in 300/400 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 280 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 280 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 280 Applied Quantitative Methods
- Mgmt 349 Human Resource Management
- Mgmt 200 Developing the Leader Within You or
- Mgmt 446 Organizational Change and Development
- Mgmt 342 Quality Management or
- Mgmt 343 Purchasing Management or
- Mgmt 441 Service Operations Management or
- Mgmt 442 Production Planning and Control

Plus 14 elective credits from Mgmt 200, 342, 343, 345, 354, 398, 399, 414, 441, 442, 443, 445, 456, 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.
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
- Bsd 280 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
- Bsd 280 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
- Bsd 280 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 840-001)

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 300/400 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 110 | (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
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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 476, or HIST 477. 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 110. 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
This course teaches how to manage your finances. You learn how to track
• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

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
An introduction to the business organization, and the roles and functions performed by those who work within the business.

BSAD 105 Essentials of Accounting
2 crs. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after ACCT 201.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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. • V • P: Not available for juniors or seniors.
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. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after MGMT 349.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after FIN 135.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after MKTG 330.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
This course teaches how to interpret basic financial statements.

BSAD 130 Essentials of Management
2 crs. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after MGMT 340.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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 IS 240.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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. • F, Wi, Sp, Su • 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
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 145 Essentials of Business Law
2 crs. • F, Wi, Sp, Su • 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
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 150 Essentials of Investing
2 crs. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after FIN 320.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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 155 Essentials of Leadership
2 crs. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after MGMT 340.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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 150 Essentials of Investing
2 crs. • F, Wi, Sp, Su • 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
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 155 Essentials of Leadership
2 crs. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after MGMT 340.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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 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  •  SU 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 280 Applied Quantitative Methods
3 crs.  •  F, Sp  •  P: MATH 111 or 114; BSAD 202 or MATH 246 or equivalent; IS 240. BSAD 280 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.

BSAD 300 Diversity in the Workplace
1 cr.  •  F, Wi, Sp, Su  •  CDI  •  N 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 Business Law
3 crs.  •  F, Sp  •  P: BSAD 305 recommended. 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
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 398 Internship Program I
1-3 crs.  •  F, Sp, Su  •  SO; 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  •  Instructor 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

BSAD 498 Internship Program II
1-3 crs.  •  F, Sp, Su  •  SO; 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

HASA

HASA 100 Fostering a Person-Centered Care Culture
1 cr.  •  V  •  Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
• Recommended associate or bachelor's degree and experience in long-term care field.
Credit cannot be counted toward any College of Business major or minor programs.
Explore how a person-centered care philosophy—one that is respectful of and responsive to individual preferences, needs, and values—shapes the organizational culture, processes, and structure of long-term care center.

HASA 110 Developing an Evidence-Based Quality System
1 cr.  •  V  •  Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
• Recommended associate or bachelor's degree and experience in long-term care field.
Credit cannot be counted toward any College of Business major or minor programs.
Learn how to apply quality management concepts to a long-term care center to ensure procedures are aligned across departments, enhance overall performance, and are based on best practices learned through a commitment to continuous improvement.

HASA 120 Attracting and Keeping the Right Employees
1 cr.  •  V  •  Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
• Recommended associate or bachelor's degree and experience in long-term care field.
Credit cannot be counted toward any College of Business major or minor programs.
Competent, caring employees are critical to a long-term care organization. Learn how to hire the right staff—and retain them, creating environments that meet their needs as well as the needs of residents and employers.

HASA 130 Using Data for More Effective Decision-Making
1 cr.  •  V  •  Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
• Recommended associate or bachelor's degree and experience in long-term care field.
Credit cannot be counted toward any College of Business major or minor programs.
Health and aging services organizations have a wealth of data and information available for their use. You will learn how to identify, prioritize, and use data to benchmark and improve performance outcomes utilizing new tools and technology.

HASA 140 Managing Your Financial Resources
1 cr.  •  V  •  Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
• Recommended associate or bachelor's degree and experience in long-term care field.
Credit cannot be counted toward any College of Business major or minor programs.
Explore concepts of practices of accounting and finance critical to the operation of a health and aging services organization as how to develop budgets, understand financial reports, and manage third-party reimbursements.

HASA 150 Marketing Your Health Care Center
1 cr.  •  V  •  Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
• Recommended associate or bachelor's degree and experience in long-term care field.
Credit cannot be counted toward any College of Business major or minor programs.
Learn how to develop, price, promote, and sell health care services, keeping in mind the attitudes and preferences of current and prospective residents, their families, and other stakeholders.

HASA 160 Untangling Health Care Rules and Regulations
1 cr.  •  V  •  Not for GE; Special Course Fee Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
• Recommended associate or bachelor's degree and experience in long-term care field.
Credit cannot be counted toward any College of Business major or minor programs.
A seemingly endless number of laws and regulations impact the long-term care field. Learn strategies for proactively managing a center within the context of a regulatory environment.

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HASA 170 Exploring Professional and Contemporary Issues 3 crs. •  V  •  Not for GE; Special Course Fee Required  
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0  
- Recommended associate or bachelor’s degree and experience in long-term care field.  
- Credit cannot be counted toward any College of Business major or minor programs.  
- Discuss what it means to be a professional within the long-term care field and other timely topics, such as how to respond to the recently created Centers for Medicare within your care center community.

HASA 180 Becoming a Strategic Leader 1 cr. •  V  •  Not for GE; Special Course Fee Required  
P: BSAD 130  
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0  
- Recommended associate or bachelor’s degree and experience in long-term care field.  
- Credit cannot be counted toward any College of Business major or minor programs.  
- Explore leadership practices and skills necessary for success in today’s health care environment, such as how to foster organizational change and innovation, empower a diverse workforce, and champion the improvement of quality of care.

HCAD

HCAD 101 Introduction to Health Services Administration 3 crs. •  F  •  GE-V; Field Trip(s) Required  
P: Maximum class juniors. Not available for seniors. 
Lecture/Discussion Hours: 3  |  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  
P: Instructor Consent Required.  
A variable content course consisting of topics of special interest to students and faculty that are not covered in other health care administration courses.

HCAD 299 Independent Study 1-3 crs. •  F, Sp, Su  •  May be repeated  
P: Department Consent Required  
Independent study projects under the direction of a faculty member.

HCAD 301 Foundations of Quality Management Systems in Health Service 3 crs. •  F  •  Special Course Fee Required, Field Trip(s) Required  
P: HCAD 101, IDS 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 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: ACC2 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  •  May be repeated for a maximum of 15 credits  
P: Department Consent Required  
- Limited to HCAD majors in the practicum year. Special course fee for practicum 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; Special Course Fee Required  
P: Must be taken with HCAD 401.  
- 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; Special Course Fee Required  
P: Must be taken with HCAD 401.  
- 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; Special Course Fee Required  
P: Must be taken with HCAD 401.  
- 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  •  P: Must be taken with HCAD 401.  
- 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.

HCAD 407 Financial Management in Health Care 1 cr. •  F  •  Sl  •  P: Must be taken with HCAD 401.  
- 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  •  P: Must be taken with HCAD 401.  
- 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. •  Su  •  CD1  •  P: HCAD 401  
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: Must be taken with HCAD 401.  
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 effect policy change so they can better serve the populations’ health care needs.
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. • F • Special Course Fee Required • P: Must be taken with HCAD 401
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: Must be taken with HCAD 401
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. • Su • P: Must be taken with HCAD 401
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 Special Topics
1-3 crs. • V • P: Must be taken with HCAD 401
Lecture/Discussion Hours: 1 | 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 • P: Must be taken with HCAD 401
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
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. • SL • SJU 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 COB 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 398 Internship Program I
1–3 crs. • F, Sp, Su • SO; 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 Small Business Consulting
3 crs. • Sp • SO • P: MGMT 340 and consent of instructor. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum senior standing. Admission to College of Business required. See current catalog for College of Business admission criteria. • Department 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 Service Operations Management
3 crs. • F • P: Completion of these Business Core requirements: 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 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 Process Simulation and Analysis
3 crs. • Sp • P: MATH 245 or 246. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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. 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 Compensation Theory and Administration
3 crs. • F • P: MATH 245 or 246. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. 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
Study of theories, methods, and practices of compensation in organizations.

MGMT 446 Organizational Change and Development
3 crs. • F, Sp • P: Completion of these Business Core requirements: 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
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 • CF • P: All other courses in the Basic Business Core. 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
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 Master Planning of Resources
1–2 crs. • Sp • P: MGMT 442 or concurrent enrollment. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to College of Business required. See current catalog for College of Business 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 455 Industrial Relations
1–2 crs. • F, Sp • P: MGMT 349. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing. Admission to College of Business required. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Problems, hazards, and procedures which will be of assistance in establishing and maintaining good union-management relationships.

MGMT 459 Advanced Human Resource Management
2 crs. • F • F, Sp • P: MGMT 349. Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing. Admission to College of Business required. 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.

MGMT 461 Lean Manufacturing Systems and Concepts
3 crs. • Sp • P: Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to College of Business required. See current catalog for College of Business 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: ACCT312; MGMT349; MKTG 372
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

MGMT 492 Topics in Human Resource Management
3 crs. • Sp • P: Completion of these Business Core requirements: BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing. Admission to College of Business required. 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 Topics in Operations Management
1-3 crs. • V • May be repeated • P: MGMT 341. 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 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
1–3 crs. • V • May be repeated for a maximum of 3 credits • P: Additional prerequisites may be required depending on the topic. Minimum junior standing. • Additional prerequisites may be required depending on the topic. (See current Class Schedule.)
Current issues in leadership will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary leaders.

MGMT 495 Directed Projects
3 crs. • F, Sp • 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  •  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  •  SU Only Grade Basis  •  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, W, Su  •  P: ECON 103 and 104, ACCT 202, JS 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. Required. See current catalog for College of Business admission criteria. Minimum junior standing. 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  •  CDI  •  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 Marketing Communications and Promotion Analysis
3 crs.  •  F, Sp  •  SO  •  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 Marketing Research
3 crs.  •  F, Sp  •  SO  •  P: BSAD 280, 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 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 trans-national 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  •  P: 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: BSAD 280, 300, FIN 320; MKTG 340, 371; MKTG 334
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  •  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  •  Not for GE  •  P: MKTG 330  •  P: MKTG 330 or concurrent enrollment. 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, store location, merchandising, vendor relationships, and human resource management.

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, store location, merchandising, vendor relationships, and human resource management.

MKTG 433 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 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.
MANAGEMENT AND MARKETING

MKTG 438 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  •  SO; 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  •  Not for GE; Field Trip(s) Required  •  Instructor Consent Required  •  A-F Grades Only
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  •  Not for GE  •  Instructor Consent Required  •  A-F Grades Only
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  •  Not for GE; 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 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.
College of Education and Human Sciences

GAIL P. SCUKANEK, Dean (B 153)
LARRY C. SOLBERG, Associate Dean (B 154)
Dwight C. Watson, Associate Dean—Teacher Education Program (B 284)

COLLEGE OF EDUCATION AND HUMAN SCIENCES

DEPARTMENTS

Teacher Education
Human Sciences

Education Studies
Communication Sciences and Disorders

Special Education
Kinesiology

COLLEGE CENTERS, CLINICS, AND SPECIAL PROJECTS

Aspiring Blugold Leaders in Education (ABLE)
Campus Bridge Program for Hmong Youth
Community Service 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
Wisconsin Medicaid Infrastructure Grant: Asperger’s Project

College Mission Statement

The mission of the College of Education and Human Sciences (CoEHS) is to prepare professionals who value the interdependent and dynamic nature of the human condition and perform effectively to strengthen collaboration with community partners.

The College’s learning community is based on core values of liberal education, collaboration, social justice, diversity, and reflective practice.

College Vision Statement

The vision of the College of Education and Human Sciences is to be consistently recognized as a leading community that:

1) develops collaborative, interdisciplinary, innovative leaders;
2) engages in scholarly inquiry that transforms practice;
3) enhances the human condition by working effectively with students, clients, and families across disciplines and agencies; and
4) promotes social justice and equity in an atmosphere where diversity is valued.

Liberal Education: Professionals develop dispositions, knowledge, and skills based on a sound liberal education.

- Liberal education informs and enriches learning experiences embedded in professional education and practice.
- The relationship between liberal education, personal fulfillment, and professional competence is the foundation of professional performance, citizenship, and individual actualization.
- Lifelong learning and professional competence are pursuits that span each graduate’s entire career.

Collaboration: Professionals collaborate to achieve a shared vision that reflects scientifically-based interdisciplinary practice and public policy.

- Professional competence is achieved when students are active partners in the professional education programs that cross disciplines in cooperative and shared study, service, and research to the maximum extent possible.

Social Justice: Professionals transform unjust and oppressive educational, social, economic, and political institutions into just and non-oppressive alternatives.

Diversity: Professionals value the unique cultural styles, interaction patterns, and beliefs of every individual and empower people to be socially responsible.

Reflective Practice: Professionals cultivate a presence of mind that emphasizes continuous conscious analysis of values, assumptions, and strategies underlying their practice and the consequences of that practice on other human beings.

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.

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 practice, they will need personal health insurance to cover medical bills.

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
Physical Science

and Disorders
Physics

Elementary Education
Physics-Mathematics

Geography
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.

Teacher Education

The programs in teacher education offered in the College of Education and Human Sciences are fully approved by the following accreditation agencies: the North Central Association of Colleges and Secondary Schools and 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, Early Adolescence through Adolescence, Special Education, and Early Childhood through Adolescence.

Middle Childhood through Early Adolescence

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

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.

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.

Early Childhood through Adolescence

Programs are offered which prepare teachers to work with children at all grade levels in art, foreign languages, music, physical education, and theatre arts.

Graduate Programs

Teacher and other school personnel programs are offered at the graduate level in elementary education, in a number of secondary fields, in some special education fields, in reading, communication sciences and disorders, and school psychology. See the current Graduate Catalog.

Non-degree 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 Global Student Teaching (GST) and meet Department of Public Instruction requirements. Students must complete the first student teaching placement in Wisconsin and then complete their second 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 and Certification office, Brewer 151.

Diversity Experiences

Students are invited to participate in a specially arranged student teaching experience in the Milwaukee Public Schools or the Aldine 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 and Certification office, Brewer 151, for details.

Program and Degree Requirements

University Requirements

All candidates for baccalaureate education 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 baccalaureate education degrees in the College of Education and Human Sciences 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, intended for certification: 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.

Screening for Admission to Field Experience Courses, Student Teaching, Other Intern/Practica Programs
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).

Admission to Professional Education Programs
Criteria for Admission
Formal application to the professional education 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.

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 will 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 a minimum of 15 credits have been earned 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.

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.
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 and Certification 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 coursework 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 College of Education and Human Sciences. Personal qualities suitable for teaching will be considered.
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 will 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 coursework 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.

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 www.dpi.state.wi.us/tepdl/applications.
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 and Certification 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 coursework 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/usacert.html. Wisconsin, and most other states, require institutional endorsement. In general, candidates will be able to obtain licenses in other states.
Candidates for baccalaureate degrees or certification in teacher education must meet General Education requirements as follows:

**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**

- 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**

- 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 one of 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**

- Pols 110***, Psyc 261; plus elective
- 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

**Category IV: Humanities**

- One literature course (IVD English literature or Foreign Languages literature)****
- Nine to 12 credits plus electives 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. ****

*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, 131; Msci 100; Phys 100, 211, 212, 226, 231, 232.

***Not required for Physical Education Teaching emphasis.

****See list of options available in college office or on degree audit.
Education Studies

BREWER HALL 271
(715) 836-5846
www.uwec.edu/Lists/Acad.htm

DWIGHT C. WATSON, CHAIR

JANET AMANN, ARAM DEKOVEN, CHRISTIN DEPOUW, ROBERT HOLLON, MICHAEL KOLIS, CAROL KOKOGLIANIAN, TAMARA LINDSEY, SHERRY MACAUL, MAUREEN MACK, SUSAN McINtYRE, DEBORAH PATTEE, JILL PASTRANA, ROBERT REID, 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.

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 majors only), or ES 212 (Initial Teaching Experience in Elementary, Middle, and High School Settings) for Option C.

To enroll in ES 203, 210, 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, and (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 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 go to the Department of Education Studies office, Brewer 271, and 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 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 towards teaching, and overall writing and quality of the application materials. The MC-EA Admissions Committee is comprised of two faculty members from the Curriculum and Instruction 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.

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 210/211/212, 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 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/EAA-ECAMainPage.

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 Music 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: Eleed, 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.

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 495, 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.
## EDUCATION STUDIES

### APPROVED MAJORS AND MINORS FOR OPTION B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content</th>
<th>Test Required</th>
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<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>Engl 319, 419</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
</tr>
<tr>
<td>Earth and Space</td>
<td>160-015*</td>
<td>ES 359 (F)</td>
<td>Biot 180 or Geog 178</td>
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<td>ETS 10081</td>
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<tr>
<td>Science</td>
<td>240-004</td>
<td>ES 359 (F)</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
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<tr>
<td>Physical Science*</td>
<td>210-003</td>
<td>ES 357 (Sp)</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
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<tr>
<td>Mathematics*</td>
<td>210-004</td>
<td>ES 357 (Sp)</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
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<tr>
<td>Social Studies</td>
<td>500-XXX</td>
<td>ES 356</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
</tr>
</tbody>
</table>

### Majors

| Biology* | 080-205 | ES 367 (Sp) | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Chemistry* | 100-204 | ES 359 (F) | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Economics | 360-204 | ES 356 | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| English | 540-210 | Engl 319, 419 | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Geography | 140-213 | ES 356 | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| History | 380-206 | ES 356 | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Mathematics | 180-207 | ES 357 | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Physics* | 230-205 | ES 359 (F) | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Political Science | 420-203 | ES 356 | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Sociology | 480-204 | ES 356 | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |

### Minor

| Biology | 080-403 | ES 367 (Sp) | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Chemistry | 100-406 | ES 359 (F) | Biot 180 or Geog 178 | ETS 10345 | ETS 10081 |
| Coaching Economics | 971-403 | ES 356 | Biot 180 or Geog 178 | ETS 10081 | ETS 10345 |
| English | 540-408 | Engl 319, 419 | Biot 180 or Geog 178 | ETS 10041 | ETS 10345 |
| French | 260-404 | ES 366 (F) | Biot 180 or Geog 178 | ETS 20173 | ETS 10345 |
| Geography | 140-413 | ES 356 | Biot 180 or Geog 178 | ETS 10081 | ETS 10345 |
| Geology | 160-402 | ES 359 (F) | Biot 180 or Geog 178 | ETS 10081 | ETS 10345 |

### APPROVED MAJORS AND MINORS FOR OPTION B (Majors, cont.)

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content</th>
<th>Test Required</th>
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<td>German</td>
<td>280-040</td>
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<td>History</td>
<td>380-040</td>
<td>ES 356 (Sp)</td>
<td>Biot 180 or Geog 178</td>
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<td>Learning</td>
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<td>Biot 180 or Geog 178</td>
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<td>Library Science</td>
<td>960-403</td>
<td>ETS 10061</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10081</td>
<td>ETS 20146</td>
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<td>Mathematics</td>
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<td>ES 357</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
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<tr>
<td>Physics</td>
<td>230-403</td>
<td>ES 359 (F)</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
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<tr>
<td>Political Science</td>
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<td>ES 356</td>
<td>Biot 180 or Geog 178</td>
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<td>ETS 10081</td>
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<tr>
<td>Sociology</td>
<td>480-404</td>
<td>ES 356</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
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<tr>
<td>Spanish</td>
<td>320-405</td>
<td>ES 366 (F)</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
</tr>
<tr>
<td>Teaching English</td>
<td>550-408</td>
<td>ES 405 (F)</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10345</td>
<td>ETS 10081</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>490, 497</td>
<td>ETS 10081</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10081</td>
<td>ETS 20360</td>
</tr>
<tr>
<td>Theatre Arts</td>
<td>601-424</td>
<td>ES 361 (F)</td>
<td>Biot 180 or Geog 178</td>
<td>ETS 10081</td>
<td>ETS 20360</td>
</tr>
</tbody>
</table>

*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 students must take ES 210 and 211 in place of ES 312.

**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 446, or 475.

### APPROVED MAJORS AND MINORS FOR OPTION C

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content</th>
<th>Test Required</th>
</tr>
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<tr>
<td>Comprehensive</td>
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<tr>
<td>Art</td>
<td>020-072</td>
<td>Art 304 (Sp), ES 350 (F), ES 354 (Sp)</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>ETS 10091</td>
<td>ETS 10133</td>
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<tr>
<td>Latin American Studies</td>
<td>340-003</td>
<td>ES 366 (F) and ES 350 (F)</td>
<td>ETS 10133</td>
<td>ETS 10091</td>
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<tr>
<td>Music, Instrumental/ General</td>
<td>060-058</td>
<td>Mued 211, 300, 310, 318, 411, 421</td>
<td>Mued 211, 300, 310, 318, 410, 420</td>
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<tr>
<td>Music, Choral/ General</td>
<td>060-057</td>
<td>Mued 211, 300, 310, 318, 411, 421</td>
<td>Mued 211, 300, 310, 318, 410, 420</td>
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<td>Kinesiology</td>
<td>991-065</td>
<td>Kins 290</td>
<td>Kins 290</td>
<td>ETS 10091</td>
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</tbody>
</table>

218
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 • 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: 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 • 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. • Department Consent Required
Problems of education relating to funding, teacher quality, and the status of the teaching profession, student academic performance, racial imbalance, and unequal educational opportunity. This course is designed to discuss these concerns and viable solutions.

ES 301 General Education Literacy Instruction PK-8
3 crs. • F, Sp • P: Limited to Special Education majors admitted to the College of Education and Human Sciences. Must be taken with SPED 301. Minimum resident and total GPA of 2.50.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• SPED 301/501 must be taken concurrently 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.
EDUCATION STUDIES

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

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

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

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

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

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

ES 312 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

ES 316 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

ES 317 Middle Level Methods and Curriculum
2 crs. • F, Sp • P: Special Course Fee Required. • P: Concurrent enrollment in ES 312, ES 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

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: 0

ES 333 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

ES 338 Reading, Language, and Thinking
3 crs. • F, Sp • 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

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

ES 354 Teaching Middle Level and Secondary Art
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

ES 356 Teaching Social Studies in Grades 6-12
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

ES 357 Teaching Mathematics in Grades 6-12
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
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.

ES 361 Teaching Theatre Arts
2 crs.  •  Odd years  •  Not for GE  •  P: Completion of or concurrent enrollment in ES 312, ES 318, ES 328. Limited to teaching majors admitted to COEHS. Credit may be earned in only one of: ES 361, THEA 361, ES 360, THEA 360. Minimum resident and total GPA of 2.75.

Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
A study and analysis of current materials including textbooks, assessment tools, and teaching materials. Preparation for play production, classroom units, and advocacy tools.

ES 366 Teaching Foreign Languages Grades 6-12
2-3 crs.  •  F  •  P: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328.

• 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: 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
• Admission to education program or consent of instructor

Principles of selection and classroom utilization of educational media, basic media production skills, and operation of electronic and projection equipment.

ES 385 Social Foundations: Human Relations
3 crs.  •  F, Sp, Su  •  CD3; GE-V; SL  •  P: One of the following: ES149, ES 203, ES 210, ES 211, ES 212; SPED 205; CSD 257; SOC 101; ANT/HIS 161; or consent of department chair.

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 385/386.

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 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 406 TESOL Practicum: Grades 1-8
1 cr.  •  F, Sp  •  S/U Only Grade Basis  •  P: ES 405 and admission to an ES program. Limited to teaching majors admitted to College of Education and Human Sciences.  •  Instructor Consent Required

Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
Practicum in teaching English to speakers of other languages in grades 1-8; includes classroom observation, lesson planning, and teaching experience.

ES 407 TESOL Practicum: Grades 6-12
1 cr.  •  F; Sp  •  S/U Only Grade Basis  •  P: ES 405 and admission to an ES program. Limited to teaching majors admitted to College of Education and Human Sciences.  •  Instructor Consent Required

Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 0
Practicum in teaching English to speakers of other languages in grades 6-12; includes classroom observation, lesson planning, and teaching experience.

ES 408 Methods of Teaching Content-Based ESL
3 crs.  •  F  •  P: ES 405. Limited to TESOL minors.

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 Teaching English as a Foreign Language Methods
3 crs.  •  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 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 minor in Education and Human Sciences. Must be taken with ES 435.

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 Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design
3 crs.  •  Sp, Su  •  CD2; Special Course Fee Required; 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 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 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. Must be taken with ES 435.

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  •  CD1; GE-V  •  P: Credit may not be earned in both ES 435 and ES 436. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 435.

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 Education of Girls and Women in the United States
2 crs.  •  F  •  P: CD1; GE-V  •  P: 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. Minimum junior standing.

Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their life-time.

ES 437 Teaching Foreign Languages in Grades 1-8
2 crs.  •  Sp  •  P: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 437.

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 professional semester and recommendation of the Department of Curriculum and Instruction. Coordinated with ES 491 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 Sped with dual certification in Eled may register for an internship of 7 crs. in Sped (Sped 470) and 7 crs. in Eled (Eled 440).

The internship 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.
EDUCATION STUDIES

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 Curriculum and Instruction. 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 Curriculum and Instruction. 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 Curriculum and Instruction. 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 Understanding the Early Adolescent
3 crs.  •  P: ES 203 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 Integrating Literacies into the Middle Grades Curriculum
3 crs.  •  F, Sp, Su  •  P: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 415.
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 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 Practicum in Elementary/Developmental Literacy Grades 1-5
1 cr.  •  F, Wi, Sp, Su  •  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 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 the 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 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  •  May be repeated for a maximum of 14 credits  •  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 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12
3 crs.  •  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 students. 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 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 Field Studies of Minority Groups
3 crs.  •  SL  •  P: ES 385/585 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 Historical, Legal, and Philosophical Foundations of Education
3 crs.  •  F, Sp, Su  •  P: Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
Lecture/Discussion Hours: 3  •  Lab/Studio Hours: 0
The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education.

ES 493 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 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 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 CI and/or Sped department(s).
Required for elementary, secondary, and special 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.

ES 499 Independent Study
1-3 crs. • F, Sp, Su • P: 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 • DEVED • 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: 1 • Lab/Studio Hours: 0
• Not applicable to the minor.
Locating materials and services in the McIntyre Library, with emphasis on search procedures.

LMED 305 Children’s Literature
3 crs. • F, Sp • 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 Literature For Adolescents
3 crs. • F, Sp • P: Minimum sophomore standing.
Lecture/Discussion Hours: 1 • 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 Developing Media Collections
3 crs. • F • P: Minimum sophomore standing.
Lecture/Discussion Hours: 3 • Lab/Studio Hours: 0
Selecting and evaluating library and audiovisual materials.

LMED 312 Reference and Information Services
3 crs. • F • Field Trip(s) Required. • P: Minimum sophomore standing.
Lecture/Discussion Hours: 1 • Lab/Studio Hours: 0
Theory and practice of reference with emphasis on providing information and related services to individuals and communities.

LMED 316 Organizing Media
3 crs. • Sp • Field Trip(s) Required. • P: Minimum sophomore standing.
Lecture/Discussion Hours: 1 • Lab/Studio Hours: 0
Theory and practice of cataloging and classifying print and non-print information resources.

LMED 382 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 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 Public Library Administration
3 crs. • Sp • Field Trip(s) Required. • 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 Administering School Media Programs
3 crs. • Sp • Field Trip(s) Required. • 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 Computers in Libraries/IMCs
1-3 crs. • Field Trip(s) Required. • May be repeated
An introduction to the use of computers for instruction, record-keeping, and information retrieval.

LMED 461 Field Experience: Elementary Media Center
Observation and practice in an elementary school library or media center.

LMED 462 Field Experience: Secondary Media Center
Observation and practice in a secondary school library or media center.

LMED 463 Field Experience: Public and Special Libraries
3 crs. • F, Sp, Su • 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 Internship: Elementary Media Center
3 crs. • F, Sp • Special Course Fee Required; IN • P: 21 cr LMED cert seq; 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 Internship: Secondary Media Center
3 crs. • F, Sp • P: Special Course Fee Required; IN • P: 21 cr LMED cert seq; 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 • 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 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/Lists/Acad.htm

ROSEMARY BATTALIO, CHAIR
ANGELA DALHOE, STEPHEN DEMPSEY, JOE MORIN, VICKI SNIDER, 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 University-wide assessment process, students in the Department of Special Education are expected to complete a portfolio. 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. If limiting is necessary, 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 (resume, 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, and 455, and 432 or CSD 311; Learning Disabilities and Cognitive Disabilities, Sped 200, 205, 210, 306, 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.

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, 411, 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.

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 Middle Childhood.

Requirements for Licensure: CSD 419; ES 285, 301, 385, 490; Kins 361; 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.

MINOR: LEARNING DISABILITIES,

Thirty semester credits, including 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.

Middle Childhood/Early Adolescence (Code 950-470)

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)

In addition to the courses listed above, Sped 416 and 434 are required. 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; 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 Middle Childhood through Early Adolescence Adaptive Physical Education licensure for physical education teachers.

SPED

SPED 200 Introduction to Diverse Learners

3 crs. • F, 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. • F, 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. • F • 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 Inclusive Practices for Secondary Educators

2 crs. • F, Sp, Su

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

This course is designed for the student who wants teacher 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.

SPED 301 Observation and Participation with Students without Disabilities in Educational Programs

3 crs. • F, 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. SPED 301 may not be substituted with ES 203.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

SPED 306 Behavior Management

3 crs. • F, 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 Observation and Assessment of Atypical Development: Birth to 6 Years

1 cr. • V • Not for GE • P: SPED 200, and SPED 210 or SPED 220. SPED 322, SPED 323 concurrently. • Instructor Consent Required

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 Play and Sensory Exploration in ECSE

1 cr. • V • Not for GE • P: SPED 200, and SPED 210 or SPED 220. SPED 321, SPED 322, SPED 323 concurrently. • Instructor Consent Required

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.
SPECIAL EDUCATION

SPED 323 Medical Aspects of Atypical Development
1 cr.  •  V  •  Not for GE  •  P: SPED 200, and SPED 210 or SPED 220. SPED 321, SPED 322 concurrently.  •  Instructor Consent Required
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 Introduction to Learning Disabilities
3 crs.  •  F, Sp  •  P: SPED 200 or 300 or 300; or junior standing for CSD majors, or consent of instructor.
Lecture/Discussion Hours: 3  •  Lab/Studio Hours: 0
Survey course of causes, educational problems, and intervention programs associated with learning disabilities.

SPED 331 General Methods for Students with Mild Disabilities
2 crs.  •  F, Sp, Su  •  P: SPED 210 or 220 or 330 or 350; or consent of instructor. May be taken concurrently with SPED330/530. Limited to teaching majors admitted to College of Education and Human Sciences.  •  Instructor Consent Required
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 Preservice Teaching Experiences with Individuals with Learning Disabilities
3 crs.  •  Su  •  SL  •  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: 3  •  Lab/Studio Hours: 0
Supervised clinical experiences with children and adolescents who are learning disabled.

SPED 350 Introduction to Emotional/Behavioral Disabilities
3 crs.  •  F, Su  •  P: SPED200 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 Inclusive Practices for Elementary Educators
3 crs.  •  F, 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 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 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 Parent and Family Involvement
3 crs.  •  F, Sp, Su  •  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 Pre-service Teaching Experiences with Individuals with Mild Disabilities
3 crs.  •  F, Sp, Su  •  SL  •  May be repeated for a maximum of 6 credits  •  P: SPED 306/506 and 331/531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 431.
Lecture/Discussion Hours: 1  •  Lab/Studio Hours: 2
Supervised clinical experiences with children and adolescents with mild disabilities.

SPED 414 Special Vocational Support Strategies
3 crs.  •  Su  •  P: SPED 401/601. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
Vocational support strategies used with high school students with disabilities. Emphasis is placed on active involvement in vocational laboratory experiences.

SPED 416 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 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 Early Childhood Special Education Methods of Intervention: 3-6 Year Olds
3 crs.  •  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 olds.)

SPED 426 Early Intervention for Infants/Toddlers with Atypical Development: Methods, Intervention and Evaluation
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 3 transition practices.

SPED 431 Academic Skills for Elementary Students with Mild Disabilities
4 crs.  •  F, Sp  •  P: SPED 331/531 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 Language Development and Intervention for Students with Disabilities
3 crs.  •  P: SPED 401/601. 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 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.

SPED 453 Behavioral Assessment and Planning
1 cr.  •  Su  •  P: SPED 306/506, and 401/601 or 403/503; 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.
SPECIAL EDUCATION

SPED 455 Advanced Behavior Intervention for Students with Emotional Behavioral Disabilities
3 crs. • P: SPED 306/506, 401/601 or 403/603, 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 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 practice 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
5 crs. • F, Sp, Su • 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 • P: Limited to special education majors admitted to SPED department. • 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 Sped with dual certification in Eled may register for an internship of seven credits in Sped (SPED 475) and seven credits in EdL (Cl 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: 2 | Lab/Studio Hours: 0
• Must be taken with appropriate student teaching course(s). Admission to professional semester and recommendation of Sped 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 Directed Studies in Special Education
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.

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 sciences 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:
   a. Achieve a grade of at least C (not C-) or above, or a mark of S in Math 104 or higher.

   or b. 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.)

3. Social Sciences. Nine to 12 semester credits from at least two of the seven Subcategories: A and three credits from Subcategory B:
   1. Psychological Sciences. Nine to 12 semester credits, including one course from at least two of the six Subcategories: A: Psychology; B: Psychobiology; C: Geography (physical); D: Geology; E: Sociology; F: Interdisciplinary Studies—Social Sciences (including Materials Science; Wmns 432).

   2. Social Sciences. Nine to 12 semester credits from at least one subcategory 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 test 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, 131; 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 coursework. 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/chgoftmajor.

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 departments 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.

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

HUMAN SCIENCES AND SERVICES 112
(715) 836-4186
www.uwec.edu/Lists/Acad.htm

KRISTINE RETHERFORD, CHAIR

SHANNON COLLINS, KAY HAGEDORN, JERRY HOEPPNER, LISA LASALLE, VICKI SAMELSON, GAIL SCHUKANEK, LARRY SOLBERG, MARIE STADLER, ANGELA STERLING-ORTHL.

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.

MAJOR: COMMUNICATION SCIENCES AND DISORDERS,
Liberal Arts (Code 622-252)

Thirty-six semester credits, including:

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
419 Assistive Technology (AT) and Augmentative and Alternative Communication (AAC) 2
440 Neurological Aspects of Communication 2
473 Applications in Audiology 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: Psyc 230

229
COMMUNICATION SCIENCES AND DISORDERS

COMPREHENSIVE MAJOR:

COMMUNICATION SCIENCES AND DISORDERS, Liberal Arts
(Code 622-053)

Fifty-nine credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 256</td>
<td>Anatomy and Physiology of Speech and Hearing</td>
<td>4</td>
</tr>
<tr>
<td>257</td>
<td>Normal Communication Development</td>
<td>3</td>
</tr>
<tr>
<td>258</td>
<td>Normal Communication Development Lab</td>
<td>1</td>
</tr>
<tr>
<td>262</td>
<td>Phonetics: Theory and Application</td>
<td>2</td>
</tr>
<tr>
<td>321</td>
<td>Aural Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>326</td>
<td>Voice and Resonance Disorders</td>
<td>3</td>
</tr>
<tr>
<td>331</td>
<td>Developmental Language Disorders</td>
<td>4</td>
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<tr>
<td>332</td>
<td>Fluency Disorders</td>
<td>3</td>
</tr>
<tr>
<td>353</td>
<td>Speech and Hearing Science</td>
<td>4</td>
</tr>
<tr>
<td>358</td>
<td>Phonological Disorders</td>
<td>3</td>
</tr>
<tr>
<td>370</td>
<td>Clinical Procedures in Communication Disorders</td>
<td>3</td>
</tr>
<tr>
<td>372</td>
<td>Basic Audiology</td>
<td>3</td>
</tr>
<tr>
<td>440</td>
<td>Neurological Aspects of Communication</td>
<td>2</td>
</tr>
<tr>
<td>470</td>
<td>Clinical Practicum in Communication Disorders I</td>
<td>2</td>
</tr>
<tr>
<td>485</td>
<td>Serving Diverse Populations</td>
<td>2</td>
</tr>
</tbody>
</table>

Non-CSD courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psyc 230</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>260</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

One of the following courses:

Exceptional Child, Psyc 334 or Sped 200 | 3

One of the following courses:

Behavior Management, Sped 306; Psyc 281 or 302 | 3

One of the following courses:

Sped 210, 220, 330; Psyc 333, 378, 379

ES 328 | 2

For students pursuing this degree, the General Education program will include:

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: Psyc 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 300/400-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.
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 256 Anatomy and Physiology of Speech and Hearing
4 crs. • F • 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 • 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.

CSD 262 Phonetics: Theory and Application
2 crs. • F, Sp • 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 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 Aural Rehabilitation
3 crs. • Sp • P: CSD 373 recommended. No credit if taken after CDIS 376/576.
Minimum resident and total GPA of 2.50.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Voice and Resonance Disorders
3 crs. • F • 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. • 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 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. • 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. Discussion, lectures, and labs will be used in instruction.

CSD 358 Phonological Disorders
3 crs. • F • P: CSD 257 or concurrent enrollment. 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 • 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 • P: CSD 256 and 353 recommended. Minimum resident and total GPA of 2.50. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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 Introduction to Sign Language
3 crs. • F • Sp
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
An introduction to various systems of manual communication with a strong emphasis on developing beginning skills in Signed Exact English and fingerspelling.

CSD 399 Independent Study - Juniors
1-3 crs. • F, Sp, Su • May be repeated • P: Minimum junior standing. Department Consent Required

CSD 410 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
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 Facilitating Communication in Preschool Children
2 crs. • Sp • P: CSD 257
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
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 Assistive Technology and Augmentative and Alternative Communication: Related Disciplines
2 crs. • F, Su • P: CSD 257 or 311/312
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 440 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 neuropsychological bases of communication with an emphasis on normal aspects.

CSD 448 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 Clinical Practicum in Communication Disorders I
2 crs. • F, Sp • SL, 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.

CSD 473 Applications in Audiology
2 crs. • F • P: CSD 373
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
No credit if taken after CDIS 495/495 (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 Serving Diverse Populations
2 crs. • Sp • CD2 • P: CSD 370: ES 385
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 Directed Studies
1-3 crs. • 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, Su • May be repeated • P: Minimum senior standing. Department Consent Required
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 are currently undergoing revision. Course information is 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)

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Kins 294</td>
<td>Anatomical Kinesiology</td>
</tr>
<tr>
<td>Kins 304</td>
<td>Biomechanical Kinesiology</td>
</tr>
<tr>
<td>Kins 308</td>
<td>Exercise Physiology</td>
</tr>
<tr>
<td>Kins 426</td>
<td>Motor Learning and Development</td>
</tr>
<tr>
<td>COMPREHENSIVE MAJOR: KINESIOLOGY, Physical Education Teaching Emphasis (Code 991-065)</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>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. Additonal requirements include: Biol 130 (GE-II), Biol 151 (GE-II); Math 246 (GE-1B); and Phys 100 (GE-II)</td>
<td>12</td>
</tr>
</tbody>
</table>

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 212. 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 résumé 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 list 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, 248; 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 or 115, and 104 or 130 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, 351.

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 Activity and Theory requirement and the Service-Learning requirement are met by the completion of required coursework 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
The Athletic Training 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.
KINESIOLOGY

All freshman/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 Program 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 coursework and clinical education/field experiences in the fall.

Any costs incurred with application and acceptance into the program are the athletic training student’s responsibility. These costs may include, but are not limited to: fees for CPR and First Aid certification, hepatitis B vaccinations, updates of other immunizations, physical examination, membership in the NATA, athletic training specific clothing, travel to and from clinical sites, and other items needed for didactic and/or clinical study.

Retention

Once admitted into the Athletic Training major, the student must meet the following criteria to remain in the major:

1. Maintain a 3.00 GPA total in all athletic training core courses.
2. Earn a grade of B- or above in all ATEP core courses. ATEP courses with a letter grade below B- must be repeated.
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: Curriculum and Instruction: 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
0-2 crs. • 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 111 Inline Skating for Fitness
1 cr. • V • PA; Field Trip(s) Required.
• No credit if taken after KINS 101 with the same topic. Must have skates, helmet, and wrist guards. Student must purchase a Chippewa River Trails pass.
Introduction to basic techniques and fitness principles used in inline skating. Students will develop an individual inline skating program to meet their individual physical activity goals. Prior skating experience is necessary for this class.

KINS 112 Fitness
1 cr. • V • 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 113 Flexibility
1 cr. • V • PA; Field Trip(s) Required.
• No credit if taken after KINS 101 with the same topic
Introduction to basic techniques and principles used in flexibility and stretching exercises. Students will develop an individual flexibility program to meet their individual physical activity goals.

KINS 114 Lacrosse
1 cr. • V • 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. • V • 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. • V • 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. • V • PA
Development of the fundamental skills of basketball (including dribbling, passing, shooting, defensive sliding, and rebounding). Provides individual instruction and team play.

KINS 124 Softball-Slowpitch
1 cr. • V • PA
Fundamental skills of pitching, catching, throwing, and fielding ground and fly balls. Also basic offensive and defensive strategies including tournament play. Rules, sport history, safety, and fitness concepts are included.

KINS 125 Soccer
1 cr. • V • PA
Fundamental skills: dribbling, passing, shooting, heading, trapping, tackling, and goal keeping. Techniques, conditioning, and strategy of play.

KINS 126 Bicycling
1 cr. • V • PA
• Access to a bicycle and a helmet required
Fundamentals including equipment, safety, bicycle repairs, maintenance, tuning, health, and fitness. Students will receive instruction in proper bicycle fit, riding, bikewakes, trips, and cross country touring.

KINS 128 Bowling
1 cr. • V • PA; Special Course Fee Required
Basic bowling skills, including four-step approach, spot bowling, hook delivery, etiquette, and stance. Analysis of individual bowling and experience in league and/or tournament play.

KINS 129 Badminton
1 cr. • V • 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 135 Karate
1 cr. • V • PA
Introduction to traditional Japanese Karate. Students will learn to use basic Japanese terminology and etiquette in the dojo (studio) as well as fundamental skills and pre-katas (routines).

KINS 136 Jogging
1 cr. • V • PA
Acquaintance with the physiological effects of jogging, and a method of measuring physical fitness through aerobics.

KINS 148 Intermediate Swiming
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 150 Ballroom Dancing
1 cr. • V • PA
Variations of step patterns in fox trot, waltz, lindy, cha-cha-cha, tango, polka, schottische, disco, and introduction to samba and rhumba.

KINS 151 Folk Dance
1 cr. • V • PA
Basic dance steps: walk, grapevine, skip, polka, schottische, waltz, two-step. Ethnic dances of Mexico, Sweden, Norway, Denmark, Finland, Germany, Switzerland, Slavic countries of Europe, Israel, Turkey, Philippine Islands, and the United States.

KINS 154 Square and Round Dance
1 cr. • V • PA
Square dance in its most modern form. Round dances, mixers, pattern dances done with partners.

KINS 159 Tennis
1 cr. • V • PA
Basic skills of forehand, backhand, serve, and volley, including grip, stance, and footwork. Singles and doubles rules and strategy.
KINESIOLOGY

KINS 172 Volleyball
1 cr. • V • PA
Fundamental skills of pass, set, spike, block, serve, and basic offensive and defensive strategies.

KINS 174 Team Handball
1 cr. • V • PA
This fast paced court game combines the elements of basketball, hockey, soccer, and water polo into a high energy team game popular in the Olympics and around the world.

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. • Wt, Su • P: 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. • Wt, Su • P: Between 186 and 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 Health Survey
3 crs. • F, Sp • P: No credit if taken after KINS 191.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Informs students that their health allows them to achieve personally satisfying lives by helping them master the important developmental tasks that confront them; forming an initial adult identity, assuming responsibility, establishing independence, and developing social skills.

KINS 274 First Aid and Community CPR
1 cr. • F, Sp • P: No credit if taken after KINS 274.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
This course will result in certification as a First Responder.

KINS 275 Prevention and Care of Athletic/Exercise Injuries
2 crs. • F, Sp • Special Course Fee Required • P: KINS 274 and 294. Must be taken with KINS 277.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Mandatory for those majoring in physical education and requiring a full understanding of injury prevention and treatment. Focus is on the structure and function of the human body and specific treatment techniques used to present these skills to students. ARC Water Safety Instructor certification awarded upon completion of ARC standards.

KINS 277 Prevention and Care of Athletic Injuries Lab
1 cr. • F, Sp • Special Course Fee Required • 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 290 Introduction to Physical Education
3 crs. • F, Sp • 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. • V
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.

KINS 293 Water Safety Instructor Certification
2 crs. • Sp • Special Course Fee Required • P: American Red Cross Level IV or KINS 148 recommended. • Department Consent Required
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4
Purchase of course materials will be required for 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 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 Concepts
3 crs. • F • 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. • F • 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.

KINS 303 Planning, Implementation, and Assessment: Fitness Concepts
3 crs. • F • SH • 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: 2
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 Concepts
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  •  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 
A theory course designed to develop an understanding and competency in the use of therapeutic modalities in the care of athletic injuries.

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: 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 311 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.  •  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  •  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  •  Special Course Fee Required  •  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.
**KINESIOLOGY**

**KINS 357 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. Completion of KINS 117 is strongly recommended as a prerequisite for students who do not possess a basic knowledge of strength training technique.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**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

**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: 2  |  Lab/Studio Hours: 2

**KINS 375 Evaluation Techniques-Lower Body**
3 crs.  •  F  •  P: KINS 277 or consent of instructor. Limited to athletic training majors.
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 2

**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

**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

**KINS 416 Athletic Training Lab and Practicum IV**
1 cr.  •  Sp  •  SL  •  P: KINS 415 and 430. Limited to admitted athletic training majors.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 2

**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

**KINS 426 Motor Development Across the Lifespan**
3 crs.  •  F, Sp  •  P: Grade of C or above in KINS 294. KINS 304 and 308 are recommended. Minimum total GPA of 2.35.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**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

**KINS 440 Human Performance Seminar**
3 crs.  •  F, Sp, Su  •  P: KINS 303, 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

**KINS 445 Basic Electrocardiography**
3 crs.  •  F, Wi, Sp, Su  •  P: BIOL 151 or 214; KINS 308; or consent of instructor.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**KINS 450 Applied Nutrition in Kinesiology**
3 crs.  •  V  •  P: BIOL 151 or BIOL 214, or other equivalent course.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**KINS 456 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

**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

**KINS 466 Community Fitness Programming**
2 crs.  •  F, Sp  •  SL; Special Course Fee Required  •  P: KINS 464 or concurrent enrollment.
Lecture/Discussion Hours: 0  |  Lab/Studio Hours: 6

**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. Must be taken with KINS 440 for human performance students. Minimum total GPA of 2.75.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**KINS 476 Senior Seminar**
3 crs.  •  F, Sp  •  P: KINS 309, 355, 358, 464, or consent of instructor. Limited to human performance majors. Must be taken with KINS 474.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**KINS 484 Adapted Physical Education**
3 crs.  •  F  •  SL  •  P: KINS 290
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**KINS 485 Assessment in Adapted Physical Education**
3 crs.  •  F, Sp  •  P: KINS 303, 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

**KINS 487 Assessment in Adapted Physical Education**
3 crs.  •  F  •  SL; Special Course Fee Required  •  Department Consent Required
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

**KINS 491 Practicum in Exercise Management**
9 crs.  •  F, Sp, Su  •  SL; Special Course Fee Required  •  Department Consent Required
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0

### Social Work

**Human Sciences and Services 253**  
(715) 836-4435  
www.uwec.edu/Lists/Acad.htm

**Vanda Galen, Chair**

LaVonne Cornell-Swanson, Gloria Fennell, Leah-Olson McBride, Donald Mowry, Jack Wagennknecht, Jeffrey Wright.

Through its curriculum and program activities, and consistent with the historic mission of professional social work, the Department of Social Work seeks to empower students to improve the quality of life for themselves and the clients whom they will serve; to develop moral, passionate, and practical leadership among its students; and to promote social and economic justice in its programs and services, among its students, and in the urban and rural communities of Western and Northwestern Wisconsin. 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 certification as social workers in the State of Wisconsin, and many schools of social work offer graduates advanced standing, which can substantially decrease the number of credits required for the Master of Social Work (M.S.W.) degree.

**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:

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<thead>
<tr>
<th>I. Core Courses in Social Work</th>
<th>Credits</th>
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<tr>
<td>Idis 100 Introduction to Social Work</td>
<td>3</td>
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<tr>
<td>SW 220 Interpersonal Skills</td>
<td>3</td>
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<tr>
<td>285 Social Welfare and Criminal Justice in the U.S.</td>
<td>3</td>
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<tr>
<td>320 Generalist Social Work Practice with Individuals</td>
<td>3</td>
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<tr>
<td>323 Methods of Social Work Research</td>
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<tr>
<td>335 Human Behavior and Social Environment</td>
<td>3</td>
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<tr>
<td>383 Social Welfare Policies and Programs</td>
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<td>405 Ethnic-Sensitive Social Work Practice</td>
<td>3</td>
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<tr>
<td>471 Generalist Social Work Practice with Groups/Families</td>
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**KINESIOLOGY**

**KINS 492 Coaching Practicum and Seminar**  
4 crs. • V • SL; CP; Special Course Fee Required • P: KINS 292. Minimum senior standing. • Department Consent Required  
Lecture/Discussion Hours: 2 | Lab/Studio 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 Practicum in Special Physical Education**  
3 crs. • F, Sp, Su • SL; 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. • F, Sp, Su • SL; Special Course Fee Required • P: Minimum resident and total GPA of 2.50. • Department Consent Required  
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 3

Limited to human performance majors. • Instructor Consent Required • Admission to professional semester

A laboratory course applying administrative and leadership skills in a full-time exercise work environment.

**KINS 495 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 • P: Instructor Consent Required  
Lecture/Discussion Hours: 2 | 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; 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.
II. Other Required Courses (to be used in partial fulfillment of General Education requirements)

**GE-IB — Analytical Skills:**
Math 246, or Math 104 or higher, or competency to enter Math III as demonstrated by the mathematics placement test**

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

**Hist/Wmns (to be used in partial fulfillment of General Education requirements)**
Hist 306 World History

**Hist/AIS (to be used in partial fulfillment of General Education requirements)**
Hist 335 History of the United States

**Phil/Wmns (to be used in partial fulfillment of General Education requirements)**
Phil 103 Introduction to Philosophy

**ArtH/AIS (to be used in partial fulfillment of General Education requirements)**
ArtH 242 History of Art

**Engl/Wmns (to be used in partial fulfillment of General Education requirements)**
Engl 242 Great American Literature

**Soc 101 Introduction to Sociology

**GE-IV — Humanities:**
At least six credits from the following:

**AIS**
Engl 102

**Arth/AIS**
324, 335

**Engl**
268

**Engl/Wmns**
142, 242, 345, 346

**Hist**
210, 444

**Hist/AIS**
240, 468, 482

**Hist/Wmns**
394, 473, 474

**Humns**
110, 210

**Mus/Wmns**
306

**Phil/Wmns**
377

**Rel/S/AIS**
330

**Rel/Wmns**
333, 355

**Span/LAS**
352

**Wmns**
100, 280, 301

Other courses may apply. Students should consult an adviser to determine applicability of courses being considered.

**SOCIAL WORK**

**Satisfactory/Unsatisfactory Policy.** No degree credit may be earned under the Satisfactory/Unsatisfactory option in 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 285, 323, 383, 472;
   b. internship documentation which verifies that the student’s internship is in the area of the certificate program, including a copy of the research project required in the internship;
   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:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SW 385</td>
<td>Child Welfare</td>
<td></td>
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</table>

**Electives:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 395</td>
<td>Directed Study: Child Welfare II</td>
<td></td>
</tr>
<tr>
<td>Psyc 331</td>
<td>Child Psychology</td>
<td></td>
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<tr>
<td>Psyc 332</td>
<td>Adolescent Psychology</td>
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<tr>
<td>Psyc 334</td>
<td>Psychology of the Exceptional Child</td>
<td></td>
</tr>
<tr>
<td>Soc 316</td>
<td>Sociology of the Family</td>
<td></td>
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<tr>
<td>Soc 417</td>
<td>Comparative Family Systems</td>
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<tr>
<td>Sped 200</td>
<td>Introduction to Special Education</td>
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</tbody>
</table>

Other courses as approved by the student’s adviser and department chair.

**Social Work – Gerontology Certificate**

**Required Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SW 315</td>
<td>Aging and the Aged</td>
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</tbody>
</table>

**Electives:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biol 196</td>
<td>Human Nutrition</td>
<td></td>
</tr>
<tr>
<td>CSD 410</td>
<td>Communication Changes and Disorders of the Older Adult</td>
<td></td>
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<tr>
<td>Nrs/SW 360</td>
<td>Death and Bereavement</td>
<td></td>
</tr>
<tr>
<td>Psyc 333</td>
<td>Psychology of Adulthood and Aging</td>
<td></td>
</tr>
<tr>
<td>Soc 364</td>
<td>Social Gerontology</td>
<td></td>
</tr>
</tbody>
</table>

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, 395 (Building Bridges section), and 471.

Students are also advised that past or future serious crimes that are substantially related to the duties of the position may limit or inhibit the student from securing service-learning opportunities, or internship placements, or both. In addition, the student may become ineligible to receive certification 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 with 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, 285, Psyc 100, 230, Biol 151, SOC 101, and Pols 110.
   d. Each course must be completed with a grade of C or above.
   e. A minimum total GPA of 2.5 is required, which includes courses transferred from other colleges and universities.
   f. 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 a one-page essay accompanying the application and through class participation in the required 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 285 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. Ap-
SOCIAL WORK

SW 291 Special Topics
1-3 crs.
Issues of current interest in the field of social work.

SW 309 Community-based Corrections
3 crs.  •  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.  •  SL; 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, PSYC 265 or MATH 246
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 229, 285; PSYC 100, 230; SOC 101; BIOL 151  •  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 Death and Bereavement
3 crs.  •  W; GE-V; Field Trip(s) Required.  •  P: SOC 101 or PSYC 100 or consent of instructor. No credit if taken after SOC 318, PSYC 339 or SW 350. Credit may not be earned in both SW 360/560 and NRSB 360/560. Minimum sophomore standing.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 370 Applications of Evidence-Based Practice
3 crs.  •  V  •  GE-V
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
No credit if taken after SW 491 with the same title
Working in teams, students pose well-built questions from practitioners, or regarding their own care; search electronically for question-related evidence; critically appraise evidence for its quality and applicability, and decide on the best solution.

SW 383 Social Welfare Policies and Programs
3 crs.  •  F; Sp  •  P: IDIS 100, SW 285, POLS 301; ECON 201, or 103 and 104, or consent of instructor
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.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Service systems for dependent, neglected, abused, or delinquent children.

SW 390 Social Work with First Nations Families
3 crs.  •  V
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
This course provides some essential knowledge and skills for working with First Nations people in systems of various sizes.

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.  •  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.  •  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 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 Alcohol and Other Drug Abuse
3 crs.  •  V  •  W
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
Diagnosis, clinical issues, current treatments, diagnosis, prevention, and intervention 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: 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; Sp  •  SL: CP; Special Course Fee Required. IN  •  P: SW 471, 405, 383, and 323 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 Special Topics
1-3 crs.  •  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.  •  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

MARY ZWYGART-STAUFFACHER, INTERIM DEAN AND EDUCATIONAL ADMINISTRATOR, (NURSING 101)
DEBRA JANSEN, ACTING ASSOCIATE DEAN (NURSING 215/276)
SHEILA SMITH, ASSISTANT DEAN FOR PRE-LICENSURE PROGRAMS (NURSING 127)
ROBIN BEEMAN, ASSISTANT DEAN, MARSHFIELD SITE
LORRAINE SMITH, ASSISTANT TO THE DEAN FOR CNP PROGRAM AND THE STATEWIDE BSN @ HOME PROGRAM DIRECTOR
MARCIA BOLLINGER, MEDIA SPECIALIST
ROBERT LIESKE, MEDIA SPECIALIST
NITA JOHNSON, CLINICAL SIMULATION AND SKILLS LABORATORY COORDINATOR
MARIA BACKSTROM, STUDENT SERVICES COORDINATOR

Departments:
NURSING
ROSEMARY JADACK, CHAIR (NURSING 207)

NORAH ARTH-KINDREE, TIFFANY ANKENY, JODI ARRIOLO, ROBIN BEEMAN, CATHERINE BERRY, JANICE BERRY, JAYNE BIELECKI, MELISSA BOELLAARD, CHERYL BRANDY, GAIL HANSON BRENNER, MARY CANALES, BARBARA DAVIS, RUTH DEISTELMEIER, LINDA DUFFY, CARA GALLEGOS, KATHERINE GERMAN-OLSON, JANE HAUGER, ROSEMARY JADACK, DEBRA JANSEN, MICHAELINE JANSEN, LEE-ELLEN KIRKHORN, EVALEE KUNKEL, CHERYL LAPPS, GUNNAR LARSON, TERESA LOFISGAARDEN, KAREN MADDOX, DIANE MARCYJANK, RACHEL MERKEL, SUSAN MOCH, SUSAN PECK, DONNA ROZAR, LISA SCHILLER, SHEILA SMITH, KERRIE SMITHEBERG, BONNIESOLEM, RITA SPORSTAD, ANGELA STOMBAUGH, SUZANNE VOROS, LORI WALTONEN, CECILIA ZORN, 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 lifelong 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 selective 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 Commission on Collegiate Nursing Education granted accreditation for the undergraduate program and graduate program through December 2011. 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 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 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, CPR certification, and submitted a nonrefundable application fee.
6. completed health record 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 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 program (See University Honors). Students eligible for the Nurse Scholar 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, polio, varicella, rubella (measles), mumps, and rubella, hepatitis B vaccination, a hepatitis B surface antibody titer (HBsAB), 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/nurs). To secure admission acceptance, all health requirements, evidence of CPR certification, background check, etc. must be submitted.

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 Saint Joseph’s Hospital, Marshfield, to participate in clinical rotations. Students are not permitted to participate in clinical coursework 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. Evidence of renewal must be submitted to the Dean’s office.

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. Additional information regarding the Wisconsin Caregiver Law can be obtained from DHFS’s Web site: www.dhfs.state.wi.us.

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.

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 uniforms, nursing textbooks, health requirements, application fee, some clinical equipment (e.g., stethoscope), and transportation associated with clinical experience. 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 Web site, in the Marshfield site coordinator’s office, and on the UW-Eau Claire Financial Aid Web site.

**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 coursework.

**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 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.

**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. 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 coursework 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.

**Incomplete**

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.
NURSING

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 providing 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)
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

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
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

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Engl 110 (Introduction to College Writing)</td>
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<tr>
<td>Chem 103 (General Chemistry)</td>
<td>5</td>
</tr>
<tr>
<td>GE-III (Psyc 100 or 260)</td>
<td>3</td>
</tr>
<tr>
<td>GE-IV or Foreign Language</td>
<td>3-4</td>
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<table>
<thead>
<tr>
<th>Spring Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Chem 150 (Survey of Biochemistry)</td>
<td>3</td>
</tr>
<tr>
<td>Biol 214 (Anatomy and Physiology I)</td>
<td>4</td>
</tr>
<tr>
<td>GE-III Psyc 230 or GE-IV</td>
<td>3</td>
</tr>
<tr>
<td>GE-I A Language Skills or Foreign Language</td>
<td>3-4</td>
</tr>
<tr>
<td>Physical Activity</td>
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**TOTAL CREDITS**: 16-17

### Professional Level

#### SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Biol 250 (Microbiology)</td>
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<tr>
<td>Biol 314 (Anatomy and Physiology II)</td>
<td>4</td>
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<tr>
<td>GE-IV Statistics or GE-IV</td>
<td>3-4</td>
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<tr>
<td>GE-III or IV</td>
<td>3</td>
</tr>
<tr>
<td>Nrsg 211* (Wellness: Food for Fitness)</td>
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<table>
<thead>
<tr>
<th>Second Semester</th>
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</thead>
<tbody>
<tr>
<td>Nrsg 230 (Nursing: Introduction to the Profession)</td>
<td>3</td>
</tr>
<tr>
<td>Nrsg 240 (Foundations of Nursing Practice)</td>
<td>7</td>
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<tr>
<td>Nrsg 245 (Pharmacology)</td>
<td>2</td>
</tr>
<tr>
<td>GE-IV or V or Statistics or GE-III – Psyc 230</td>
<td>3-4</td>
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**TOTAL CREDITS**: 14-15

#### JUNIOR YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>Nrsg 345 (Nursing: Health and Health Deviations of Adults 1, Theory and Practice)</td>
<td>7</td>
</tr>
<tr>
<td>Nrsg 335 (Nursing: Health Promotion w/ Children, Families, and Community)</td>
<td>4</td>
</tr>
<tr>
<td>Nrsg 330 (Nursing: Context of Practice)</td>
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<tr>
<td>GE-III or V</td>
<td>2-3</td>
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</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
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</thead>
<tbody>
<tr>
<td>Nrsg 350 (Nursing: Health and Health Deviations of Adults 2)</td>
<td>4</td>
</tr>
<tr>
<td>Nrsg 352 (Nursing Practice: Adults 2)</td>
<td>2</td>
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<tr>
<td>Nrsg 368 (Nursing Practice: Children Families and Communities)</td>
<td>2</td>
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<tr>
<td>Nrsg 358 (Nursing: Individual and Family Transitions)</td>
<td>2</td>
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<tr>
<td>GE-IV or V</td>
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<tr>
<td>Elective</td>
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**TOTAL CREDITS**: 15-16

#### SENIOR YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>Nrsg 420 (Nursing: Health Enhancement)</td>
<td>4</td>
</tr>
<tr>
<td>Nrsg 422 (Nursing Practice: Health Enhancement)</td>
<td>2</td>
</tr>
<tr>
<td>Nrsg 435 (Nursing: Families and Children with Health Deviations)</td>
<td>3</td>
</tr>
<tr>
<td>Nrsg 438 (Nursing Practice: Children and Families with Health Deviations)</td>
<td>2</td>
</tr>
<tr>
<td>Nrsg 432 (Nursing: Management within Systems)</td>
<td>4</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Nrsg 470 (Nursing: Professional Practice within Systems)</td>
<td>2</td>
</tr>
<tr>
<td>Nrsg 472 (Nursing Practice: Application and Reflection)</td>
<td>7</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
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<tr>
<td>GE-IV</td>
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</table>

**TOTAL CREDITS**: 15

Total Number of Credits Required for BSN Degree - 120

* Must be taken from UW-Eau Claire nursing faculty or by challenge test.
NURSING

INDEPENDENT STUDY
Under the course numbers 299 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 (299 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 work (paper or project) that is evaluated and approved by the 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 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. 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 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. Further information may be obtained from the Accelerated B.S.N. Program Coordinator, Department of Nursing, College of Nursing and Health Sciences.

Required Prerequisite Courses (or equivalent): 
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
Psi 230, Human Development (Psi 100 is a prerequisite) ............... 3
Math 246, Introduction to Statistics ............................................. 3-4

Required Courses for the Accelerated B.S.N.: 
Credits
Term 1 Courses:
Nrsng 340, Introduction to Professional Nursing ....................... 2
Nrsng 301, Foundations of Professional Nursing CARE .................. 4
Nrsng 302, Foundations of Professional Nursing Practice .............. 3
Nrsng 325, Human Concepts and Responses to Health and Health Deviations .................................................. 5

Term Total ................................................................................. 14

Term Two Courses:
Nrsng 416, Health Care Systems as Context for Professional Practice I ... 2
Nrsng 425, Nursing Care of Children, Adolescents, Families, Expanding Families, and Communities ............................. 7
Nrsng 427, Nursing Practice: Children, Adolescents, Families, Expanding Families, and Communities ............................. 7
Nrsng 429, Nursing: Human Concepts and Responses to Health and Health Deviations II .................................................. 6
Nrsng 431, Nursing Practice: Human Concepts and Responses to Health and Health Deviations II .................................................. 3

Term Total ................................................................................. 20

Term Three Courses:
Nrsng 437, Nursing Care of Families, Newborns, Children, and Adolescents with Health Deviations .................................................. 2
Nrsng 439, Nursing Practice: Families, Newborns, Children and Adolescents with Health Deviations .................................................. 2

Term Total ................................................................................. 4

Term Four Courses:
Nrsng 417, Health Care Systems as Context for Professional Practice II 4
Nrsng 445, Nursing and Nursing Practice: Responses of Chronic Illness, Disability, and End of Life Transitions ......................... 6
Nrsng 458, Contemporary Issues in Professional Nursing .............. 2
Nrsng 460, Transition to Professional Nursing Practice .................. 8

Term Total ................................................................................. 20

R.N./B.S.N. Option
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 de-
veloping technology in the electronic transmission of courses. Students naming UW-Eau Claire as their home institution in the collaborative 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 Collaborative Nursing 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 CNP 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 COURSE/CREDITS FOR COLLABORATIVE NURSING PROGRAM**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CND 310</td>
<td>Foundations of Professional Nursing</td>
<td>2</td>
</tr>
<tr>
<td>CND 317</td>
<td>Health Assessment</td>
<td>2</td>
</tr>
<tr>
<td>CND 341</td>
<td>Theoretical Foundations of Nursing</td>
<td>4</td>
</tr>
<tr>
<td>CND 434</td>
<td>Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>CND 437</td>
<td>Management and Leadership in Nursing</td>
<td>4</td>
</tr>
<tr>
<td>CND 444</td>
<td>Community Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
<td>4</td>
</tr>
<tr>
<td>CND 444</td>
<td>Community Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>CND 444</td>
<td>Community Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
<td>4</td>
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</table>

Credit by confirming course for prior nursing education

First CND core course completed with a grade of B or above

Nursing Electives

**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 COURSE/CREDITS FOR COLLABORATIVE NURSING PROGRAM**

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<tr>
<td>CND 317</td>
<td>Health Assessment</td>
<td>2</td>
</tr>
<tr>
<td>CND 341</td>
<td>Theoretical Foundations of Nursing</td>
<td>4</td>
</tr>
<tr>
<td>CND 434</td>
<td>Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>CND 437</td>
<td>Management and Leadership in Nursing</td>
<td>4</td>
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<tr>
<td>CND 444</td>
<td>Community Health Nursing</td>
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<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
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<td>CND 444</td>
<td>Community Health Nursing</td>
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</tr>
<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
<td>4</td>
</tr>
</tbody>
</table>

Credit by confirming course for prior nursing education

First CND core course completed with a grade of B or above

Nursing Electives

**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 Collaborative Nursing Program (CNP), 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 CNP 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nrsg 701</td>
<td>Nursing Research: Methods (Fall Semester)</td>
<td>4</td>
</tr>
<tr>
<td>Nrsg 715</td>
<td>Leadership and Health Policy in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>Cognate</td>
<td>(Varies with Role Preparation)</td>
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</tr>
<tr>
<td>Graduate credits earned</td>
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</table>

And receive credit for:

**Undergraduate Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CND 434</td>
<td>Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>CND 437</td>
<td>Management and Leadership in Nursing</td>
<td>4</td>
</tr>
<tr>
<td>Nursing Elective</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**Requirements for eligibility:**

- Senior status in nursing: 90 semester credits completed, including two courses in upper division nursing.
- If a second degree student, prerequisites for nursing, University requirements for a second degree, and two courses in upper division nursing must have been completed.
- Cumulative GPA of 3.00 or higher in coursework 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 an Adult or Family Health Nurse...
NRSG

NRSG 101 Cultural Bridge I
1 cr. • F, • 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. • 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. • F, • 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 211 Wellness: Food for Fitness
1 cr. • Sp, • 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, • 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, • 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 299 Independent Study
1-3 crs. • May be repeated • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum sophomore standing. • Department Consent Required

NRSG 300 Travelers’ Health
1 cr. • Su • 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.

NRSG 301 Foundations of Professional Nursing Care
4 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: 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.
Introduces concepts of caring, advocacy, clinical decision-making, health history, therapeutic communication, and documentation from a nursing perspective.

NRSG 302 Foundations of Professional Nursing Practice
3 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: 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.
Nursing CDM is applied with emphasis on comprehensive health assessments within the framework of the dimensions affecting health status and human responses.

NRSG 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.

NRSG 330 Nursing: Context of Practice
2 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: NRSG 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.

NRSG 333 Wellness in the Work World
3 crs. • W; GE-V; SH 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.

NRSG 335 Nursing: Health Promotion with Children, Families, and Community
4 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: NRSG 240, PSYC 230. 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.
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.

NRSG 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.

NRSG 345 Nursing: Health and Health Deviations of Adults I, Theory and Practice
7 crs. • F, Sp • SL; Special Course Fee Required • A-F Grades Only • P: NRSG 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.

NRSG 350 Nursing: Health and Health Deviations of Adults II
4 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: NRSG 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.

NRSG 352 Nursing Practice: Adults II
2 crs. • F, Sp • SL • A-F Grades Only • P: NRSG 350 and 358 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.
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.

NRSG 360 Death and Bereavement
3 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: NRSG 350 or concurrent enrollment and NRSG 335. 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 nursing during major transitions. Integration of theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a life span, family, and cultural perspective.

NRSG 368 Nursing Practice: Children, Families, and Communities
2 crs. • F, Sp • SL • A-F Grades Only • P: NRSG 358 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.
Focuses on nursing clinical decision-making 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.

NRSG 375 Pharmacotherapeutics and Pathophysiology for Allied Health Professionals
3 crs. • F • 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 the other health care professionals in optimizing the client’s health will be integrated throughout the course.

NRSG 377 International Dimensions of Health Care
3 crs. • P: NRSG 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.
NURSING

NRSG 389 Cross Cultural Health
3 crs. • Su • CDS 312 • P: GEOG 301 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/Hispanic, and Native American cultures. Analyze and synthesize information to develop culturally congruent health care.

NRSG 395 Directed Studies
1-3 crs. • F, Sp, Su • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. May be repeated • Department Consent Required
Study of problems or special areas in or related to nursing.

NRSG 397 Teaching Apprenticeship
1-2 crs. • F, Sp, Su • May be repeated for a maximum of 4 credits • P: NRSG 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.

NRSG 399 Independent Study
1-3 crs. • May be repeated • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum junior standing. • Department Consent Required

NRSG 416 Health Care Systems as Context for Professional Practice I
2 crs. • F • Higher Cost Per Credit. • A-F Grades Only • P: NRSG 301, 302, 325, and 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, fellowship, organizational structures, group dynamics, teamwork, and delegation are explored. Focus on research appraisal as foundation for evidence-based practice.

NRSG 417 Health Care Systems as Context for Professional Practice II
4 crs. • Sp • Higher Cost Per Credit. • A-F Grades Only • P: NRSG 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.

NRSG 420 Nursing: Health Enhancement
4 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: NRSG 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 Marshallfield 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.

NRSG 422 Nursing Practice: Health Enhancement
2 crs. • F, Sp • SL • A-F Grades Only • P: NRSG 420 or concurrent enrollment and NRSG 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.

NRSG 425 Nursing Care of Children, Adolescents, Expanding Families, Families, and Communities
7 crs. • F • Higher Cost Per Credit. • A-F Grades Only • P: NRSG 301, 302, 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.

NRSG 428 Contemporary Issues in Critical Care
3-4 crs. • Sp • Special Course Fee Required • P: NRSG 352, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0-1
Distance education fee for students in Marshallfield section.
The complexity and impact of critical illness/injury on patients, families, and nurses are examined. Selected pathophysiology, care priority, and multidisciplinary considerations are analyzed within the context of the health care delivery system. Observational clinical may be included.

NRSG 427 Nursing Practice: Children, Adolescents, Expanding Families, Families, and Communities
2 crs. • F • Higher Cost Per Credit. • A-F Grades Only • P: NRSG 301, 302, 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.

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 301, 302, 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 301, 302, 325, and 340. Limited to students admitted to the Accelerated BSN program. • Department Consent Required
Lecture/Discussion Hours: 3 | 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.
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.
NURSING

NRSG 432 Nursing: Management within Systems
2 crs.  •  F, Sp  •  Special Course Fee Required  •  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.
• 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.

NRSG 435 Nursing: Families and Children with Health Deviations
3 crs.  •  F, Sp  •  Special Course Fee Required  •  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.

NRSG 437 Nursing Care of Families, Newborns, Children, and Adolescents with Health Deviations
3 crs.  •  F, Sp  •  Special Course Fee Required  •  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.

NRSG 438 Nursing Practice: Children and Families with Health Deviations
2 crs.  •  W  •  Higher Cost Per Credit  •  A-F Grades Only  •  P: NRSG 435 or concurrent registration. 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.

NRSG 439 Nursing Practice: Families, Newborns, Children, and Adolescents with Health Deviations
2 crs.  •  W  •  Higher Cost Per Credit  •  A-F Grades Only  •  P: NRSG 435 or concurrent registration. 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.

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.

NRSG 448 Comparative Study in Nursing and Health Care
3-4 crs.  •  Su  •  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.  •  SL  •  P: Minimum senior standing. • Instructor Consent Required
Lecture/Discussion Hours: 1  |  Lab/Studio Hours: 2
• Open to all majors in COHHS 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 taken if 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.

NRSG 460 Transition to Professional Nursing Practice
7 crs.  •  F, Sp  •  CP; Special Course Fee Required  •  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: 7  |  Lab/Studio Hours: 0
• Distance education fee for students in Marshfield section.

NRSG 470 Nursing: Management within Systems
2 crs.  •  F, Sp  •  CP; Special Course Fee Required  •  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: 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.

NRSG 472 Teaching Apprenticeship
2 crs.  •  W  •  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.

NRSG 495 Directed Studies
1-3 crs.  •  F, Sp, Su  •  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.

NRSG 497 Teaching Apprenticeship
2 crs.  •  W  •  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.

NRSG 498 Clinical Practice
2 crs.  •  F, Sp  •  Special Course Fee Required  •  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.

NRSG 499 Independent Study
1-3 crs.  •  V  •  GE-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.

CND

CND 310 Foundations of Professional Nursing
2 crs.  •  F, Sp  •  Special Course Fee Required  •  Department Consent Required
Lecture/Discussion Hours: 2  |  Lab/Studio Hours: 0
Introductory course for the CND student with emphasis on self as a professional and the context of the discipline of professional nursing.
NURSING

CND 317 Health Assessment
4 crs. • Special Course Fee Required • 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. • Special Course Fee Required • 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. • Special Course Fee Required • 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. • Special Course Fee Required • 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. • Special Course Fee Required • 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. • E Sp • SL CP; Special Course Fee Required • P: CND 310. Limited to collaborative nursing degree students admitted to the College of Nursing and Health Sciences.
• Capstone course for CND 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. • Special Course Fee Required • 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. • May be repeated for a maximum of 6 credits • P: Limited to collaborative nursing degree students. • Department Consent Required

CND 499 Independent Study
1-3 crs. • May be repeated for a maximum of 6 credits • P: Limited to collaborative nursing degree 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 100, 110, 111, 151, 181, 195, 214, 320, 356, 392; Chem 100, 103, 104, 115, 325; Geol 104; Geol 106, 110, 115, 131; Phys 100, 211, 212, 226, 229, 231, 232.

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 coursework. 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/chgofmajor.

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

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/Lists/Acad.htm

CHRISTINE GABEL, CRESSENCE 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

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 2

III. General Education
Category I-B
Math 108 Earth Algebra or competency to enter Math 111 0-4
(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)
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.
ENPH 210 Introduction to Environmental Health
3 crs.  •  F  •  GE-V  •  P: A basic understanding and interest in science is recommended.
Lecture/Discussion Hours: 3  |  Lab/Studio Hours: 0
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 291 Special Topics
1-3 crs.  •  May be repeated for a maximum of 6 credits  •  Instructor Consent Required
A variable content course consisting of topics of special interest to students and faculty that are not covered in other environmental health courses.

ENPH 322 Radiological Health
3 crs.  •  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  •  May be repeated  •  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  •  May be repeated  •  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 102, 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 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  •  Field Trip(s) Required  •  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.
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.

The Doctor of Nursing Practice (DNP) is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced nursing, practice nursing (nurse practitioner or clinical nurse specialist), or nurse administration. During the initial years of the program, anticipated to be the 2010-2011 and 2011-2012 academic years, the DNP will be offered as a post-master’s option only. It is anticipated that starting in the 2012-2013 academic year, both MSN to DNP and BSN to DNP options will be offered.

The Master of Arts 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 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 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 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 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.

The Specialist in Education degree is offered in school psychology. This three-year program includes two years of full-time on-campus study, and a one-year, full-time internship. 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 (30 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 degree is designed to prepare an adult health or family health nurse to assume leadership and scholarship roles in professional nursing. The student may choose preparation in one of three functional areas: advanced clinical practice, education, or administration. A full-time student with no undergraduate deficiencies will normally be able to complete the 40-49-credit program in two years. More specific information is available in the UW-Eau Claire Graduate catalog.

The Master of Science in Teaching 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.

Cooperative Degree Programs in Educational Administration

Graduate courses and degree programs at the master of science and/or educational specialist levels are available to students in the UW-Eau Claire service regions through cooperative program arrangements with UW-Superior and UW-Madison. For details concerning these programs, contact the Department of Education Studies at (715) 836-2013.

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 is 2.75 (a grade of A equals four points) or higher or whose GPA for the last half of undergraduate work is 2.90 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. 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.
FACULTY AND ACADEMIC STAFF (2009-2010)

Date in parentheses indicates the beginning year of service at UW-Eau Claire.

ALI R. ABOOTALEBI (1997)
Professor—Political Science.

JENNIFER R. ABRAMCZAK (2008)
Assistant Athletic Trainer—Athletics.
B.S., M.E.P.D., UW-Eau Claire.

JULIE D. ADLER (1996)
Senior Lecturer—Foreign Languages.
B.A., M.S., UW-Madison.

NORAH M. AIRTH-KINDREE (2005)
Clinical Instructor—Nursing.
B.S., Oral Roberts U.; B.S.N., Creighton U.; M.S.N., UW-Eau Claire.

CINDY ANN ALBERT (2005)
Instructional Program Manager II—Center for Excellence in Teaching and Learning.
B.S., M.S., UW-La Crosse.

JANET L. AMANN (2010)
Assistant Professor—Education Studies.
B.S., M.E.P.D., UW-La Crosse.

JULIE B. AMINPOUR (2004)
Outreach Program Manager I—Continuing Education.

ARI S. ANAND (2008)
Assistant Professor—Geography and Anthropology.

ROBERT N. ANDERSEN (1990)
Associate Professor—Mathematics.

ARLYN T. ANDERSON (2004)
Assistant Professor—Communication and Journalism.

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.

NICOLE S. ANDREWS (2008)
Outreach Specialist for Health and Human Services—Continuing Education.

Tiffani 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.

Rajarshi Aroskar (2005)
Assistant Professor—Accounting and Finance.

Johannes A. 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 I. 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.

Marcia L. Backstrom (2008)
Student Services Coordinator—College of Nursing and Health Sciences.

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., Augustaana Col.; M.S., St. Cloud State U.

John Baltes (1966)
Director—Loss Prevention and Safety.
B.S.Ed., M.S.Ed., Illinois State U.

Ryan J. Banaszak (2000)
Senior Residence Hall Director—Housing and Residence Life.
B.S., UW-Eau Claire.

Li-ying Bao (1996)
Associate Professor—Art & Design.
B.A., Coe Col.; M.A., U. of Northern Iowa; M.F.A., Iowa State U.

Debra K. S. Barker (1993)
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.

Robert J. Barth Jr. (1979)
Associate Professor—Geography and Anthropology.

Rosemary L. Battalio (2000)
Associate Professor—Special Education.
B.S., UW-Eau Claire; M.Ed., Ph.D., U. of Utah.

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)
Professor—Accounting and Finance.

Layla R. Beckermann (2007)
Student Services Specialist—GEAR UP Program.
B.S., UW-Superior.

Tammi M. Bednar (2007)
Associate Lecturer—Continuing Education.
B.S., M.S., UW-Stout.

Robin Young Beeman (1993)
Associate Professor—Nursing.
Marshfield Site Coordinator—College of Nursing and Health Sciences.
B.S.N., M.S.N., UW-Eau Claire; Ph.D., UW-Madison.
Randall R. Beger (1991)
Professor—Political Science.
B.A., Carthage Col.;

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Associate Professor—English.
B.A., U. of South Florida;
M.A., U. of South Carolina;
Ph.D., Michigan State U.

Kelly S. Berg-Schwartz (2007)
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.

Laura A. Berlinghieri (2009)
Assistant Professor—Economics.
B.S., U. of the Pacific;
M.A., Ph.D., U. of Washington.

Catherine M. Berry (2003)
Clinical Instructor—Nursing.
B.S.N., Alverno Col.;
M.S.N., U. of Texas at Austin.

Janice K. Berry (1996)
Professor—Nursing.
B.S.N., M.S.N., UW-Eau Claire;
Ed.D., Nova Southeastern U.

Judy A. Berthiaume (1993)
Director—News Bureau.
B.A., M.E.P.D., UW-Eau Claire.

Sudeep Bhattacharyay (2007)
Lecturer—Chemistry.
B.S., M.S., Indian Institute of Technology, India;
Ph.D., Jadavpur U., India.

Lori A. Bica (2000)
Associate Professor—Psychology.
B.A., Michigan State U.;
M.A., Ph.D., The Ohio State U.

Jayne M. Bielecki (2001)
Clinical Instructor—Nursing.
B.S.N., UW-Madison;
M.P.H., Tulane U.

Kristin E. Blake (2007)
Counselor—Admissions.
B.A., UW-Eau Claire.

April Bleske-Rechek (2003)
Associate Professor—Psychology.
B.A., UW-Madison;
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Janice M. Bogstad (1990)
Professor—Library Services.

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Assistant Director—Admissions.
B.A., UW-Eau Claire;
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Jon R. Bollinger (1994)
Student Services Program Manager I—University Recreation and Sport Facilities.
B.S., UW-La Crosse;
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B.A., Col. of St. Catherine;
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Associate Professor—Management and Marketing.
B.S., U. of New Hampshire;
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Coordinator of New Student Orientation—Advising and New Student Initiatives.
B.B.A., U. of Minnesota, Duluth;
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B.S.Ed., Miami U.;
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Assistant Professor—Biology.
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B.Ed., Silpakorn U., Thailand;

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M.S., Loyola U.;
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Director of Advising/New Student Initiatives ........... Deborah M. Gough
Director of Academic Skills Center ........................... Andrea M. Gapko
Director of McNair Program .............................. Patricia A. Quinn
Coordinator of Blugold Fellowship ....................... Matthew M. Evans
Director of Career Services ..................................... Jeanne M. Skoug
Director of Educational Opportunity Center ........... Joan Sosalla
Director of Student Support Services ................... Bruce J. Ouderkerk
Director of Services for Students with Disabilities ....... Kathleen S. Hurley
Director of Upward Bound ..................................... Kimamo Wahome
Director of University Assessment ............................ Scott F. Oates
Director of Honors Program ................................ Jeford Vahlbusch
Director of International Education ......................... Karl F. Markgraf
Director of Center for Service-Learning ............... Donald D. Mowry
Director of First Year Experience ............................... Vacant

Associate Vice Chancellor for Academic Affairs and
Dean of Graduate Studies ........................................... Michael R. Wick
Director of Continuing Education ...................... George J. Kroening
Director of Learning and Technology Services ........ Craig A. Mey
Director of Libraries .................................................. John H. Pollitz
Interim Director of Center for Excellence in Teaching and Learning .......... Robert Eierman
Director of Human Development Center ............ Michael Axelrod

Dean of the College of Arts and Sciences .................... Marty Wood
Associate Dean ....................... Bernard Duyhuizen
Associate Dean ................................. Margaret L. Cassidy
Associate Dean ..................................................... Michael R. Weil

Dean of the College of Business ....................... V. Thomas Dock
Associate Dean ..................................................... Robert J. Sutton

Dean of the College of Education and
Human Sciences ..................................................... Gail P. Scukanec
Associate Dean ..................................................... Larry C. Sollberg
Associate Dean of the Teacher Education Program .... Dwight C. Watson

Interim Dean of the College of Nursing and
Health Sciences ..................................................... Mary Zwygart-Staufacher
Acting Associate Dean ............................................ Debra Jansen
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<th>Position/Field</th>
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<td>Diann G. Benesh, M.S.</td>
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<td>Jane Coiville Betts, Ph.D.</td>
<td>Psychology</td>
<td>1977-1996</td>
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<td>Ada S. Bors, M.F.A.</td>
<td>University Centers and Programs</td>
<td>1974-1999</td>
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<td>Adam Bors Jr., Ph.D.</td>
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<td>Charles J. Brenner, Ph.D.</td>
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<td>Norma J. Briggs, Ph.D.</td>
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<td>Thomas Browne, Ph.D.</td>
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<td>1962-1989</td>
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<td>Donald L. Campbell, Ph.D.</td>
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<td>Linda J. Carpenter, Ph.D.</td>
<td>Communication Sciences and Disorders</td>
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<td>Jules S. Chan, M.A.</td>
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<td>Patricia M. Christopherson, M.S.S.W.</td>
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<td>Academic and Career Services</td>
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BRUCE E. TAYLOR, M.F.A. (1972-2007) English


ROGER L. THIEDE, Ph.D. (1975-2001) Geography


MYRON UTECH, Ph.D. (1971-1992) Sociology and Anthropology

ANNE M. UTSCHIG, Ph.D. (1986-2008) English


RONALD A. WARLOSKI, Ph.D. (1964-1998) History


RICHARD G. WELD, Ph.D. (1972-1997) Special Education


JAMES M. WILLIAMS, Ph.D. (1965-1999) Sociology and Anthropology

RONALD WILLY, Ph.D. (1967-1992) Geology


MICHAEL D. Wilson, Ph.D. (1978-2007) Accounting and Finance


DARWIN WITTROCK, Ph.D. (1976-2010) Biology


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


WALTER WUSSOW, Ph.D. (1967-1994) History

DONALD YOUNG, Ph.D. (1962-1987) Psychology


DONALD W. ZEUTSCHEL, M.S. (1979-2006) University Research
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ABBREVIATIONS

**COURSE PREFIXES**

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<td>Communication/Journalism</td>
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<td>Collaborative Nursing Degree</td>
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<td>Computational Science</td>
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<td>Criminal Justice</td>
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<td>Crane</td>
<td>Dance</td>
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<td>DNP</td>
<td>Doctor of Nursing Practice</td>
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<td>Enph</td>
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<td>HASA</td>
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<td>Theatre Arts</td>
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**ACADEMIC BUILDING ABBREVIATIONS**

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<td>CS</td>
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<td>CFC</td>
<td>Crest Fitness Center</td>
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<td>DC</td>
<td>Davies Center</td>
</tr>
<tr>
<td>HFA</td>
<td>Haas Fine Arts Center</td>
</tr>
<tr>
<td>HHH</td>
<td>Richard E. Hibbard Humanities Hall</td>
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<tr>
<td>HSS</td>
<td>Human Sciences and Services</td>
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<td>L</td>
<td>Wm. D. McIntyre Library</td>
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<td>MPE</td>
<td>Eugene R. McPhie Physical Education Center</td>
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<td>NUR</td>
<td>Nursing</td>
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<tr>
<td>OL</td>
<td>Old Library</td>
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<td>P</td>
<td>L. E. Phillips Science Hall</td>
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<tr>
<td>S</td>
<td>Schofield Hall</td>
</tr>
<tr>
<td>SSS</td>
<td>Schneider Social Science Hall</td>
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<td>TH</td>
<td>Towers Hall</td>
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**ABBREVIATIONS IN COURSE DESCRIPTIONS**

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<tr>
<td>cr(s)</td>
<td>semester credit(s)</td>
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<tr>
<td>Arr</td>
<td>hours arranged</td>
</tr>
<tr>
<td>F, Wi, Sp, Su, V</td>
<td>The semester or session when a course is likely to be offered: Fall, Winter, Spring, Summer, or Varies (inquire in department)</td>
</tr>
<tr>
<td>iBT</td>
<td>internet based test</td>
</tr>
<tr>
<td>GPA</td>
<td>grade point average</td>
</tr>
<tr>
<td>P</td>
<td>prerequisite(s) to the course</td>
</tr>
<tr>
<td>S/U</td>
<td>Satisfactory/Unsatisfactory</td>
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**CATEGORY ABBREVIATIONS**

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<td>CD1</td>
<td>Cultural Diversity, one credit</td>
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<tr>
<td>CD2</td>
<td>Cultural Diversity, two credits</td>
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<tr>
<td>CD3</td>
<td>Cultural Diversity, three credits</td>
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<tr>
<td>CD-Variable</td>
<td>Cultural Diversity, variable credit</td>
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<tr>
<td>CP</td>
<td>Capstone</td>
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<td>DEVED</td>
<td>Developmental Education Courses</td>
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<td>FC</td>
<td>Foreign Culture</td>
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<td>GE-IA</td>
<td>General Education-Communication / Language Skills</td>
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<td>GE-IB</td>
<td>General Education-Communication / Analytical Skills</td>
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<td>GE-IIA-F</td>
<td>General Education-Natural Sciences</td>
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<td>GE-IVA-E</td>
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<td>GE-V</td>
<td>General Education-University Wide</td>
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<td>PA</td>
<td>Physical Activity</td>
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<td>LS</td>
<td>Lab Science</td>
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<td>SL-Full</td>
<td>Service-Learning, full 30 hours</td>
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<td>SL-Half</td>
<td>Service-Learning, half 15 hours</td>
</tr>
<tr>
<td>SL-Optional</td>
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<tr>
<td>SL-Variable</td>
<td>Service-Learning, variable credit</td>
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<tr>
<td>W</td>
<td>Wellness</td>
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**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:

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<td>A-F Grades Only, Audit Not Allowed, Satisfactory/Unsatisfactory (S/U) Not Allowed</td>
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<tr>
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<tr>
<td>No S/U Grade Option</td>
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<tr>
<td>S/U Only Grade Basis</td>
<td>Satisfactory/Unsatisfactory (S/U) Grades Only</td>
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Please note that for courses in the College of Education and Human Sciences, the satisfactory/unsatisfactory grading policy is specified in the respective department sections of the catalog, and not in each specific course.