



# University of Wisconsin-Eau Claire

## 2013-2015 Graduate Catalog

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# 2013-2015 Graduate Catalog

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A BULLETIN OF THE  
UNIVERSITY OF WISCONSIN-EAU CLAIRE  
Volume No. 26 Eau Claire, Wisconsin 54702-4004

This Graduate Catalog is available on the UW-Eau Claire Web home page at [www.uwec.edu](http://www.uwec.edu) and is supplemented by the following official publications of the University:

The **Undergraduate Catalog**, issued annually, contains general information about the University and a complete listing of undergraduate programs and courses.

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

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

The 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.

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

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

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

The University ensures students access to their official University records and maintains the confidentiality of personally identifiable information in accord with federal law. A Notice of Student Rights Under the Family Educational Rights and Privacy Act is available in "Your Right to Know," available at: [www.uwec.edu/DOS/policies/yrtk/index.htm](http://www.uwec.edu/DOS/policies/yrtk/index.htm).



# DIRECTORY OF GRADUATE STUDENT ASSISTANCE

	CAMPUS ADDRESS	PHONE
Academic Skills Center .....	OL-2112 .....	715-836-5844
Admissions* .....	S-111 .....	5415
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*\*For need-based financial aid, contact the Financial Aid Office. For graduate assistantships and fellowships, contact the Admissions Office.*

B	C. J. Brewer Hall	L	Library
CWC	Crest Wellness Center	NUR	Nursing
DC	Davies Center	OL	Old Library
HFA	Haas Fine Arts Center	P	L. E. Phillips Science Hall
HHH	Hibbard Humanities Hall	S	Schofield Hall
HSS	Human Sciences and Services	SSS	Schneider Social Science Hall

*Pictures on the cover and inside provided by Learning and Technology Services unless indicated.*



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## THE UNIVERSITY OF WISCONSIN-EAU CLAIRE

105 Garfield Avenue  
Eau Claire, Wisconsin 54702-4004

### THE CAMPUS

Campus Information Service.....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 may be obtained from Parking and Transportation Services, Schneider 106, 715-836-2002, by emailing [parking@uwec.edu](mailto:parking@uwec.edu), or the website at: [www.uwec.edu/parking](http://www.uwec.edu/parking).

**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 Streets 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:** 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. Conducted tours may be arranged through the Admissions Office. An overview of the campus can be seen through a three-dimensional model of buildings and grounds located in the Schofield Hall/Old Library breezeway.

### ADMINISTRATIVE OFFICES

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

### COLLEGE OFFICES

College of Arts and Sciences..... Schofield 138  
College of Business ..... Schneider 110  
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### DEPARTMENT OFFICES

Accounting and Finance ..... Schneider 400  
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## PROGRAM OFFICES

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Women's Studies .....	Hibbard 607

## ACADEMIC BUILDINGS

**Schofield Hall** (1916), Garfield Avenue.

**Earl S. Kjer Theatre** (1952), Garfield and Park Avenues.

**C. J. Brewer Hall** (1952), Garfield Avenue.

**L. E. Phillips Science Hall** (1964; addition, 1969; major renovation, 2002), lower campus, spanning Little Niagara Creek.

**Schneider Social Science Hall** (1967), Park and Roosevelt Avenues.

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

**William D. McIntyre Library** (1960; addition, 1972; addition, 1993, Information and Technology Resource Center), Garfield Avenue.

**Eugene R. McPhee Physical Education Center** (1969; Ade Olson addition, 1987), upper campus.

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

**Richard E. Hibbard Humanities Hall** (1974), Garfield and Park Avenues.

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

## AUDITORIUMS, THEATRES, etc.

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

## RESIDENCE HALLS

**Katharine Thomas Hall** (1955) lower campus. 73 men and 71 women.

**Katherine Putnam Hall** (1958) lower campus. 94 men and 140 women.

**Emmet Horan Hall** (1961) upper campus. 206 men.

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

**Laura E. Sutherland Hall** (1965) upper campus. 144 men and 260 women.

**Benjamin W. Bridgman Hall** (1965) upper campus. 99 men and 158 women.

**Arthur L. Murray Hall** (1966) upper campus. 146 men and 164 women.

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

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

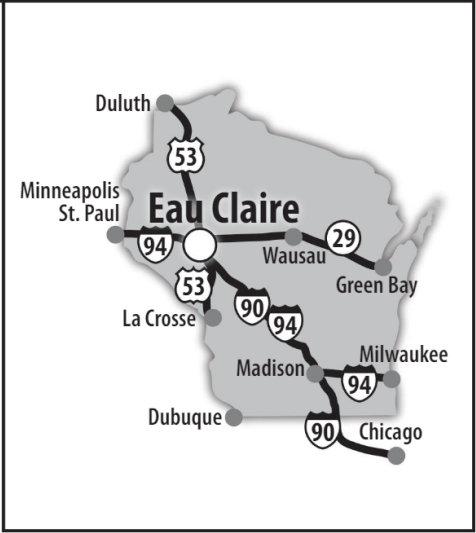
**Chancellors Hall** (2000) upper campus. 120 men and 204 women.

THE COMMUNITY

Today the Chippewa Valley is the fastest growing metropolitan area in Wisconsin, with a population of 185,464. The city of Eau Claire, with a population of more than 64,000, is a commercial, educational, and medical center in west central Wisconsin. Located 90 miles east of Minneapolis and 320 miles northwest of Chicago, Eau Claire is easily accessible from these urban areas as well as from Milwaukee and Madison via interstate highways. Eau Claire also is served by airlines and bus lines. The area around the city abounds in natural beauty and offers numerous year-round recreational activities including camping and skiing.

TRAVEL TIME TO EAU CLAIRE

Chicago .....	6.0 hrs.
Dubuque .....	6.0 hrs.
Duluth.....	3.5 hrs.
Green Bay .....	4.0 hrs.
LaCrosse .....	1.5 hrs.
Madison.....	3.0 hrs.
Milwaukee.....	4.0 hrs.
Minneapolis .....	2.0 hrs.
St. Paul .....	1.5 hrs.
Wausau .....	2.0 hrs.



THE UNIVERSITY

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

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 physical plant 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 University of Wisconsin System Mission and the Core Mission of the University Cluster Institutions, the University of Wisconsin-Eau Claire has the following select mission: We foster in one another creativity, critical insight, empathy and intellectual courage—the hallmarks of a transformative liberal education and the foundation for active citizenship and lifelong inquiry.

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

- Rigorous, intentional and experiential undergraduate liberal education for life and livelihood;



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

## 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** is a dynamic, student-centered research environment dedicated to providing high quality resources and services to users. Occupying a six-level structure in the center of the campus, the library is open 112 hours each week during fall and spring semesters. Its study facilities are designed to create an inviting atmosphere with upholstered seating, individual carrels, and reserveable group study rooms equipped with state-of-the art technology. Collections consist of over 700,000 books and 246,000 government publications in its role as a regional depository for state materials and as a selective depository for federal information. All of these items may be located using the library's online catalog. The library currently subscribes to 910 periodicals in print form and provides access to more than 165 online periodical indexes and over 34,700 full-text electronic journals, all accessible both on- and off-campus. The library is also home to the *Instructional Media Center* providing access to elementary and secondary curriculum materials, and *Special Collections Department* which includes the University Archives, housing documentation of the official and unofficial life of the University since 1916, the local history collection, and the rare book collection. Special Collections also serves as an *Area Research Center (ARC)* or 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 library is also an access point to materials at other libraries and archives through the state and country. Students can borrow materials from other libraries in the University of Wisconsin System via universal borrowing. Materials can be borrowed from other libraries using interlibrary loan, which provides access to materials in both print and electronic form, with requested articles taking as little as 48 hours to acquire. The ARC can borrow other archival materials from the Wisconsin Historical Society, State Archives, or the rest of the ARC Network.

In response to students' technology needs, the library provides over 100 computers and offers wireless access for those who wish to use their own technology. Students can borrow laptops, digital cameras, and video cameras from the library to use in support of their course assignments. A majority of the library's resources and services are available via the Library's Web page, anytime, anywhere.

The library's most important role is encouraging lifelong-learning and the development of research skills. This is accomplished through instruction in academic courses and at the reference desk where queries are answered and users find assistance in locating materials at the point of need. Research assistance is available 70 hours per week in person, by phone, through online chat, text messaging, and via email.

**Learning and Technology Services (LTS)** provides information and instructional technology services and support to foster student learning and to promote excellence in education, scholarship, and related University endeavors.

The LTS Help Desk offers answers to student or faculty questions about technology—hardware or software—close to 24/7 via face-to-face walk-in, email, or phone consultations. Contact the LTS Help Desk at 715-836-5711 or [helpdesk@uwec.edu](mailto:helpdesk@uwec.edu) for assistance with the following services or, visit the LTS website at: [www.uwec.edu/lts](http://www.uwec.edu/lts):

- Application development
- Audio/ Visual support services
- Classroom emergency equipment repair and operational support
- Classroom modernization
- Computer repair
- Computer system maintenance
- Connectivity
- Course management systems support (Desire2Learn)
- Design and support of learning spaces
- Discounted software
- Distance learning and video services
- Electronics maintenance and design
- Email
- Equipment check-out
- Evaluation of new equipment
- General Access Labs support and maintenance
- Hardware support
- Instructional technology consultation and support
- Instructional materials production
- MyBlugold intranet
- PC/Mac purchasing guideline
- Photography
- Poster development and printing
- Residence Hall computing
- Software support
- Technology training
- Telephone services
- Traditional classroom support
- Video instruction and production (VIP) suite
- Website development

## SITES AND COLLECTIONS SUPPORTING INSTRUCTION AND RESEARCH

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

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

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

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

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

#### **Off-Campus-Wisconsin:**

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

**Nature Conservancy Tracts**, owned by the University of Wisconsin-Eau Claire Foundation, include 320 acres of forest and 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 Kleintjes Neff, Department of Biology.

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

#### **Off-Campus-Mississippi:**

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

## **EDUCATIONAL AND COMMUNITY SERVICES**

### **Human Development Center**

The Human Development Center (HDC) is an interdisciplinary clinic working with individuals and families from western Wisconsin. Under the direct supervision of faculty supervisors, student clinicians from Communication Sciences and Disorders, Education Studies (Reading), 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 undergraduate and eight graduate students per semester travel to the Lac du Flambeau American Indian Reservation in northeastern Wisconsin. On two separate overnight trips, students learn about the Lac du Flambeau people by visiting tribal museums, working in the Lac du Flambeau Head Start program and public school, and interacting with American Indian children and families. The program requires students to participate in a two-day orientation trip and then a two-day follow-up trip later in the semester. Participation can count toward students' service-learning requirements.



### **Academic Intervention Clinic**

The Academic 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.

### **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 for a nominal fee 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.

### **Continuing Education**

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

## **STUDENT SERVICES**

The full complement of student services is available on campus to graduate students. These are described on the Student Affairs and Dean of Students websites at [www.uwec.edu/dos](http://www.uwec.edu/dos) and [www.uwec.edu/studentaffairs](http://www.uwec.edu/studentaffairs).

A graduate lounge and study area are set aside on the top floor of McIntyre Library. Individually assigned lockers are available in the lounge. The services of the library are described in a handbook which may be obtained at the circulation desk.

*Academic Support Services* includes: Advising, Testing, and New Student Initiatives, Academic Skills Center, Career Services, Office of Multicultural Affairs, and Services for Students with Disabilities. Staff in these areas will assist students with questions regarding areas of study, personal objectives, and career goals. Career Services provides information on career development and assists graduates in finding career opportunities appropriate to their specialization, training, and abilities. The staff is in contact with numerous college administrators, representatives of business and industry, government services, and health agencies, many of whom interview students on campus.

Special services are available to students with disabilities who provide documentation of need to the Services for Students with Disabilities Office, OL 2136. All academic buildings on campus are accessible.

Graduate students may apply for health insurance and may utilize the facilities of the *Student Health Service*. Counseling is available to any student needing assistance with personal problems. *Counseling Services* is located in OL 2122.

The *UW-Eau Claire Children's Nature Academy*, a nationally accredited and state licensed child development center for the children of students, faculty, and staff, is operated by the University at the Priory location. Directed by professionals in early childhood education, the Academy is open from 7:00 a.m. to 5:30 p.m., Monday through Friday. Evening care is also available Monday through Thursday 5:30 p.m. to 9:00 p.m. during Fall and Spring semesters. In addition to a preschool program, the Academy offers summer camps for children through 12 years of age.

Head Start is available for children 3-5 years of age who qualify for the program. A four year old Kindergarten (EC4T) is also available. Children are enrolled by application to the Director, 1190 Priory Road, phone 715-836-2178, or by completing an online application at [www.uwec.edu/children](http://www.uwec.edu/children).



## GRADUATE STUDIES ADMINISTRATIVE CONTACTS

### **Graduate Program Administrator:**

Michael Wick, Associate Vice Chancellor for Academic Affairs and  
Dean of Graduate Studies

Schofield Hall 212A

### **General Information on Graduate Studies, contact:**

Nancy Amdahl, Dean Assistant

Schofield Hall 210  
715-836-2721

or access the Graduate Studies website and all of the other offices and services  
listed below on the World Wide Web at [www.uwec.edu/graduate](http://www.uwec.edu/graduate)

### **Graduate admissions and applications for admission, assistantships, and fellowships, contact:**

Kristina C. Anderson, Executive Director of Enrollment Services  
and Director of Admissions  
Admissions Office

Schofield Hall 112D  
715-836-5415

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

Dale Johnson, Financial Aid Counselor  
Financial Aid Office

Schofield Hall 115  
715-836-3373

### **Schedules of meetings and minutes of meetings of the Graduate Council, the Graduate Faculty, and the Student Departmental Representatives, contact:**

Nancy Amdahl, Secretary  
Graduate Council and Graduate Faculty

Schofield Hall 210  
715-836-2721

### **College of Arts and Sciences, contact:**

David Baker, Interim Dean  
Arts and Sciences

Schofield Hall 138  
715-836-2542

### **College of Business, contact:**

Robert C. Erffmeyer, Director  
MBA Program

Schneider 215  
715-836-6019

### **College of Education and Human Sciences, contact:**

Gail Scukanec, Dean  
Education and Human Sciences

Brewer 153  
715-836-3264

### **College of Nursing and Health Sciences, contact:**

Linda Young, Dean  
Nursing and Health Sciences

Nursing 103  
715-836-5287

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

Karen Havholm, Assistant Vice Chancellor for Research

Schofield 17  
715-836-3405

# GRADUATE PROGRAM ADMINISTRATION

Michael Wick, Associate Vice Chancellor for Academic Affairs and Dean of Graduate Studies

David Baker, Interim Dean, College of Arts and Sciences

Diane Hoadley, Dean, College of Business

Gail P. Scukanec, Dean, College of Education and Human Sciences

Linda Young, Dean, College of Nursing and Health Sciences

## MISSION AND OUTCOMES

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

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

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

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

## GRADUATE FACULTY AND COUNCIL

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

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

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

## DEGREE PROGRAMS

All graduate degree programs require a minimum of 30 credits of graduate course work (500 level and higher) in the area of specialization, with at least 15 of those credits in courses open only to graduate students (700 level). Many programs also require a written comprehensive examination, an oral examination, or both, and some programs also require a thesis, research paper, scholarly paper, or portfolio.

### Doctor of Nursing Practice (DNP)

The Doctor of Nursing Practice degree option is for individuals pursuing education in advanced practice nursing. The DNP is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced clinical practice (nurse practitioner or clinical

nurse specialist) or nursing administration. The American Association of Colleges of Nursing (AACN) has determined that the DNP is the required graduate degree for those entering practice as clinical nurse specialists, nurse practitioners, and nurse administrators, effective in 2015. Both MSN-to-DNP (post-master's) and BSN-to-DNP (post-baccalaureate) options are available.

Core and seminar and practicum courses at the 800 level address organizational and systems leadership, influencing health policy, evidence-based practice and research utilization, information systems and patient care technology, interprofessional collaboration, improving patient and population health outcomes and effecting change, and evaluating health outcomes. A DNP capstone project with presentation is required. Students complete a minimum of 1000 hours of clinical for the BSN-to-DNP option and a minimum of 450 hours of clinical for the MSN-to-DNP option.

### **Master of Arts (MA)**

The Master of Arts program serves persons who already have substantial preparation in the discipline in which they seek a higher degree, and who wish to extend their knowledge and skills in their area of specialization for self-improvement, for professional roles, or for further graduate study.

The student must have substantial undergraduate preparation in the area of specialization of the degree program being pursued. A written comprehensive examination and an oral examination may be required.

A Master of Arts degree is offered in two fields:

- English

- History

See those sections in this catalog for further details.

### **Master of Business Administration (MBA)**

The purpose of the College of Business MBA program is to guide students in becoming effective leaders who possess broad, practical understanding of the business world and the dynamic, global environment within which it operates. The program is designed to develop each individual's ability to recognize the needs of customers, employees, stockholders, and

other organizational stakeholders; secure competitive advantage through emphasis on quality, technology, and innovation; communicate effectively and interact with members of a diverse, global work force and business environment; apply a wide variety of problem-solving tools and techniques to today's complex problem situations; and manage an organization in a socially responsible and ethical manner.

The program is designed to meet the needs of individuals currently in the work force who wish to pursue an MBA on a part-time basis while continuing their full-time employment. To accommodate the needs of working students, classes are offered in the evening, online during the summer, and occasionally on Saturdays. See the MBA Program section of this catalog for further information and specific degree requirements.

### **Master of Education-Professional Development (MEPD)**

The program for the Master of Education-Professional Development provides for the enhancement of professional competencies in education for experienced, employed educators. It is designed for individualized continuing education to assist educators in the development of competencies that relate specifically to their job needs and to their professional growth.

A specific emphasis is available for library science and media education. Other emphases may be selected from combinations of the following more general categories: curriculum development techniques, leadership, instructional techniques and technology, human relations/communications, evaluation techniques, research techniques, or educational foundations. Opportunity is also provided to strengthen skills and understandings in a teaching subject specialty.

The course, ES 788, Introduction to Educational Inquiry, is required. The remainder of the minimum of 30 required credits is to be selected from approved courses in departments offering graduate courses, with a maximum of 12 credits in the teaching subject specialty, and a maximum of nine credits in Independent Study.

Final projects include a choice of a written comprehensive examination, take-home examination, thesis, research paper/scholarly paper, or portfolio, as well as completion of an oral examination.



This program is offered by the Department of Education Studies. See those sections of this catalog for special admission requirements and further details.

### **Master of Science (MS)**

The Master of Science program serves persons who already have substantial preparation in the discipline in which they seek a higher degree and who wish to extend their knowledge and skills in their area of specialization for self-improvement, for professional roles and credentials, or for further graduate study.

The student must have substantial undergraduate preparation in the area of specialization of the degree program being pursued. A written comprehensive examination or a thesis with oral examination is required.

A Master of Science degree is currently offered in one field:

Communication Sciences and Disorders

See that section in this catalog for further details.

### **Master of Science in Education (MSE)**

The programs for the Master of Science in Education degree are designed to develop capabilities in special professional roles in the field of education. At least 30 credits of graduate work are required in the educational specialty of the degree program.

The MSE degree is offered in two areas:

School Psychology

Special Education

Certification in cognitive disabilities, early childhood: special education, emotional/behavioral disabilities, or learning disabilities may be obtained as part of the MSE in Special Education.

See those sections in this catalog for further details.

### **Master of Science in Nursing (MSN)**

The Master of Science in Nursing degree program is designed to prepare nurses with a population focus in Adult-Gerontologic Health Nursing or Family Health Nursing to assume leadership roles in professional nursing. The core curriculum is designed to develop and increase students' competencies in theory analysis and evaluation, concept clarification and development, research and refined skills in

clinical inquiry, ethics, leadership, and analysis of contemporary issues. Building on the core curriculum, students apply new knowledge and skills in the clinical setting.

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

A scholarly project with presentation, or thesis and an oral examination is required.

Beginning in 2015, the MSN no longer is a degree option for students pursuing the nurse practitioner, clinical nurse specialist, or administration role preparations, in keeping with the American Association of Colleges of Nursing (AACN) decision to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level. The last class of MSN students for the nurse practitioner, clinical nurse specialist, and administration role preparations was admitted for the Summer of 2011; these students are needing to complete all MSN degree requirements prior to 2015. The MSN degree option will continue to be offered for students interested in the nursing education role preparation.

### **Master of Science in Teaching (MST)**

The Master of Science in Teaching degree program serves students who have met requirements for licensure as teachers in their undergraduate study, and for teachers who seek a master's degree in a particular field of teaching. To be admitted to an MST program an applicant must have met all requirements for full certification to teach, usually in the area of specialization of the degree program to which admission is desired.

A minimum of 30 graduate credits is required and must be distributed as follows:

#### *Area of Specialization (12-18 credits)*

The area of specialization is usually the same field as the undergraduate major. For the MST, students must present a total of 42 credits (graduate and undergraduate) in the area of specialization if it is a single academic department, and 60 credits (graduate and undergraduate) if the area of specialization involves work in more than one department. Students who elect to do a thesis must have, in addition, at least 12 graduate credits in the area of specialization. Of the graduate credits in the



area of specialization, at least half must be open only to graduate students.

#### *Professional Education (9 credits)*

To further develop understanding of contemporary educational theory and familiarity with research in education, at least nine credits of courses in education are required. A seminar course, concerned with application of research methods to problems of teaching, is required. Other professional education credits may be earned in any department of the College of Education and Human Sciences; courses in assessment, education policy and diversity in education are available.

#### *Free Electives (6 credits)*

These six credits may be taken in the area of specialization, the area of professional education, or any other area. In programs where such considerations as licensure requirements demand it, courses in the area of professional education can be specified.

The Master of Science in Teaching degree currently is available in three fields:

- Elementary Education
- English
- Reading

In the field of elementary education, students are required to complete one of the following: written comprehensive examination, take-home examination, thesis, research paper/scholarly paper, or portfolio, as well as an oral examination. A thesis and oral examination are required in the field of English. A portfolio and an oral examination are required in the field of reading.

See those sections of this catalog for further details.

#### **Master of Social Work (MSW)**

The University of Wisconsin-Madison School of Social Work offers its Masters in Social Work (MSW) program on the University of Wisconsin-Eau Claire campus in cooperation with the Department of Social Work.

The MSW program offers a social problem and social issues focus to the education and preparation of students as advanced practitioners and leaders across the fields of social work practice. Students find that the teaching of practice, knowledge, values, and skills with an analytic approach fosters the ability to acquire and translate knowledge into

sound professional social work practice with individuals, families, groups, communities, and organizations. The MSW program offered on the UW-Eau Claire campus is part-time and is designed to allow students who are not able to pursue full-time study to work toward an MSW degree on a structured time-extended basis.

#### **Specialist in Education Degree (Ed.S.)**

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

#### **Credit-Bearing Graduate Certificate Programs**

Graduate certificates may be earned by graduate degree-seeking students or by a specified audience from the community not pursuing a graduate degree. Guidelines and standards are identical for both groups. Graduate certificate programs require no fewer than 15 credits, and all credits required for the graduate certificate program must be graduate-level credits (500-level and above). No fewer than six credits must be taken at the 700 level. At least 50 percent of the credits applied to the graduate certificate program requirements must be taken through UW-Eau Claire. Departments, schools, or colleges proposing graduate certificate programs have the right to specify (a) admission requirements for entry into a certificate program, and (b) minimum GPA requirements for course and certificate completion. Additional details on the minimum standards, procedures, and process for approving new credit-bearing graduate certificates may be found on the Graduate Studies website.

#### **LICENSURE TO TEACH**

The MST-Reading, and the degree programs in Communication Sciences and Disorders,

School Psychology, and Special Education lead to initial educator licensure, add-on licensure, or administrative licensure.

A licensure plan form is available from the department in which the student is seeking certification. A copy of this form must be filed in the Field Experience, Licensing and Certification Office (Brewer 151). It is recommended that the plan be filed early in one's program so that it can be evaluated for the inclusion of all licensure requirements.

All licensure programs, except the MST-Reading, require either a student teaching or internship assignment. In addition, students must have a passing score on a Praxis II content exam in the area of certification, unless the field is exempted by the State Superintendent. The standardized examination and passing score shall be determined by the State Superintendent. Application forms for these assignments are available from and must be filed in the Field Experience, Licensing and Certification Office (Brewer 151). Students must apply for field experience assignments one year in advance. Applications must be filed by the last day of final examinations in December for a summer or first semester placement or by the last day of final examinations in May for a second semester placement.

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

Candidates who satisfactorily complete all requirements in a teacher licensure program may ask the University to recommend them for teaching licenses.



## ACCREDITATION

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

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

Programs which yield licensure for teaching or service in the public schools of Wisconsin are approved by the Wisconsin Department of Public Instruction. Specific programs or individual units of the University are accredited or approved by various agencies.

## ADMISSION PROCEDURE

The application for admission to graduate programs must be submitted to the Admissions Office with an application fee of \$56. Deadlines for application and supporting documentation are July 1, December 1, and May 1 for Fall, Spring, and Summer, respectively. Some degree programs may have earlier dates (see respective program descriptions).

The applicant must list all colleges and/or universities previously attended, and arrange to have one official transcript sent directly to the Admissions Office from each institution where you obtained a degree (except UW-Eau Claire); and from any institution from which you have completed course work necessary for admission to your graduate program or for graduate courses that you wish to have considered for transfer credit to apply toward your intended degree program at UW-Eau Claire. Current or former UW-Eau Claire students do not need to provide transcripts from UW-Eau Claire; however, submission of an application constitutes authorization for Admissions to request your UW-Eau Claire transcript from the Registrar. Additional transcripts may be required, particularly for certification and licensure programs, so please request to have these official transcripts sent as well. To be regarded as official, the transcript must bear the impression seal of the institution. All transcripts become a part of your permanent file and cannot be returned.

An application for admission also may be considered during an applicant's last semester or summer session of undergraduate student. Admission to graduate study in such cases is



conditional, pending satisfactory completion of the baccalaureate requirements and the student's meeting of all other requirements for admission.

If you would like to be considered for a graduate assistantship, fellowship, or the Advanced Opportunity Program (AOP), the priority application date is March 1 for the following academic year. The Application for Graduate Assistantship and/or Fellowship can be found on the Admissions or Graduate Studies website, and should be submitted to the Office of Graduate Studies.

### **Graduate Application Fee Policy**

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

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

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

### **Enrollment of Undergraduates**

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

level course work. 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.

### **International Student Admission**

All international students whose native language is not English must submit an official Test of English as a Foreign Language (TOEFL) score of at least 550 for the paper-based test (or 79 Internet-based) or an International English Language Testing System (IELTS) overall band score of 7.0 for admission. Students with lower TOEFL/IELTS scores may be offered conditional admission to the university based on enrollment in the Intensive English Program. Students can begin their degree program once they have achieved an appropriate level of English proficiency as determined by the Intensive English Program coordinator. Subject to the satisfactory completion of the University of Wisconsin-Eau Claire Intensive English Program, and other conditions for admission, a student may be moved to full standing.

All international students are required to purchase accident and sickness insurance.

International graduate students are required to provide documents showing they have the necessary resources for complete funding for the anticipated duration of the graduate program. International students must deposit \$100 30 days prior to the anticipated date of initial enrollment. Similar deposits will be required 30 days prior to each subsequent semester's registration. The amount required is determined by University fees, room and board costs, accident and sickness insurance, and other anticipated expenses. The University may waive the required deposit in part or entirely if the student provides evidence of sponsorship by a governmental agency or other organization assuming complete responsibility for the financial needs of the student. International students who are awarded a scholarship or assistantship will have the amount of required deposit reduced by the amount of the scholarship or assistantship. Although on-campus employment may be available, an international student should not plan to secure any finances through employment in the United States.



## Special Auditors

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

## Admission to a Degree Program

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

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

## Status of Admission

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

**Conditional:** Applicants whose undergraduate GPA falls below 2.75, or who are currently completing a baccalaureate degree, or who have not met the prerequisite requirements for admission to a program, may be admitted as conditional students upon recommendation of the Program Director, College Dean, and Graduate Dean, when other sufficient evidence of ability to

complete graduate work is available. Additional conditions or requirements for admission also may be specified by particular degree programs.

## Classification

**Admitted:** Persons admitted to a degree program are classified according to the degree they wish to pursue and according to the area of specialization elected in the degree program.

**Graduate Special:** Students wishing to take courses for graduate credit without admission to a particular graduate program may register as graduate specials. A student who fails to meet the minimum GPA requirement for admission also may be permitted to enroll as a graduate special. If application to a particular graduate program is made subsequently, credits earned as a graduate special student will be considered on the basis of appropriateness to the degree program. No more than nine credits earned as a graduate special student may later apply to degree requirements without prior approval of the appropriate Graduate Program Director. Individuals who wish to register as graduate special students in nursing courses should consult with the College of Nursing and Health Sciences Assistant Dean for Post Licensure Programs to receive permission to enroll. Graduate special students are not eligible for the financial aid programs described elsewhere in this catalog.

Once you have applied and are enrolled as a graduate special, you only need to reapply if you have not enrolled in any courses at UW-Eau Claire for three years.

Students who have previously been academically dismissed from a graduate program are not eligible to return to the University as a Special Student. Instead, they must go through the appeals process specified in their letter of dismissal.

## Transfer of Credits Earned Prior to Admission

All college and university credits, including graduate credits, earned prior to admission must be reported on the application for admission and documented by means of one official transcript requested by the student from the Registrar of each institution previously attended; all transcripts must be sent directly from the institution(s) to the Admissions Office. Up to nine\* semester hours of previously earned graduate credits from another accredited institution may be considered for transfer in conjunction with evaluation of the application

for admission. Graduate credits earned prior to admission, but not reported on the application for admission nor documented, will not be considered for transfer after admission. The limit of nine\* semester hours of transfer credits includes both courses taken prior to and after admission.

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

### **Transfer of Credits Earned After Admission**

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

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

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

### **Credits Earned in Programs Established through Inter-Institutional Agreements**

Graduate credits taken in a program devel-

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

### **Transfer of Extension Credits**

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

### **Notification of Admission**

Upon completion of review of the application materials, the Graduate Dean will notify the applicant in writing of the disposition of the application for admission. If the applicant is accepted, the written notice will indicate the student's classification, status, any special qualifications regarding admission, and the student's adviser(s). A decision regarding admission may be appealed to the Graduate Council, through the Graduate Dean, and the Graduate Dean may also initiate referral of individual cases to the Council. In all cases, the Graduate Dean will notify the applicant in writing of action taken on appeals or referrals.





## ACADEMIC STANDARDS AND PROCEDURES

### Grading Systems

The graduate student may earn grades of A (A=Excellent), A-, B+, B (B=Good), B-, C+, C (C=Fair), C-, D+, D (D=Poor), D-, or F (F=Failing) in courses. Grade point values are assigned on a four-point system as follows: A=4.00, A-=3.67, B+=3.33, B=3.00, B-=2.67, C+=2.33, C=2.00, C-=1.67, D+=1.33, D=1.00, D-=0.67, and F=0.00. These grade point values, when multiplied by the number of course credits, give the total number of grade points earned for that particular course. Courses in which grades below C (GPA of 2.00) are earned are not applicable to degree requirements. Courses in which grades of C are earned may be applied toward degree requirements, providing the student has sufficient grades of A to achieve the required overall GPA of 3.00, or B average. All credits attempted in graduate courses at the University are utilized in computing the overall graduate GPA. Grades in transfer courses are not counted in the computation of the resident GPA at UW-Eau Claire.

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

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

### Repetition of Courses

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

In order to repeat a course, approval must be obtained from the College Dean's office before the time of registration. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topic courses when the topic is not the same as that taken at the undergraduate level, or at the discretion of the program adviser.

### Satisfactory/Unsatisfactory (S/U) Registration

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

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

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

### Retention in the College

Graduate students, including both admitted and graduate special registrants, are expected to maintain an overall 3.00 GPA. Students whose GPA falls below 3.00 are placed on probation. Students placed on probation must raise their overall graduate GPA to 3.00 or above at the conclusion of the term in which they complete their next six graduate credits. Those who achieve the 3.00 are removed from probation and assigned the status of full standing. Students who are on probation and who do not achieve the 3.00 GPA upon completion of the next six graduate credits will be academically dismissed.

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

### Academic Load

Students registered for nine or more credits are considered full-time graduate students. Students registered for at least four credits but less than nine credits are considered half-time.

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

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

Graduate students may register for no more than 15 credits during a semester and no more than one credit per week for the summer session. Registrations in excess of these limits are appropriate only under very rare circumstances and are possible only with the approval of the College Dean. MAT students enrolling for the professional semester should contact the Dean to have the automatic overload coded on their records.

### **Withdrawal from the University**

Students intending to terminate their study during a semester when they are registered for courses must officially withdraw from the University. Withdrawal from all courses in which a student is registered, even if only one course, constitutes withdrawal from the University and requires following this procedure.

### **Withdrawal from Courses**

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

A student who stops attending a course and fails to withdraw officially may receive a temporary grade of XF from the instructor which will be converted to an F on the record if no extenuating circumstances exist.

Similar deadlines apply to eight-week courses in the summer session: no record for withdrawals the first week of classes; W for withdrawals

during the second to fifth week; and no withdrawals after the fifth week. These deadlines are prorated for short courses and workshops.

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

### **Duration and Time Limits of Graduate Programs**

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

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

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

### **Written Comprehensive Examination**

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

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



The Program Director of the program reports to the Graduate Dean the results of the examination as “satisfactory” or “unsatisfactory.” A student whose performance is unsatisfactory may repeat the examination at the next regularly scheduled administration; students are not permitted to take the examination more than once in the same semester or summer session. A student who has taken the examination twice with unsatisfactory results will be academically dismissed from the program.

A student may take the written comprehensive examination during or after the semester in which all courses in the area of specialization are completed if an approved degree plan is on file prior to the examination. Notification of intent to take the examination must be filed with the Graduate Dean at the beginning of the semester or summer session. The examination is administered by the graduate program no later than the eleventh week of the semester during the academic year and four weeks prior to the end of the summer session. The result is reported to the Graduate Dean not later than seven working days afterward, and the Graduate Dean notifies the student in writing not later than three working days after receiving the report from the Program Director.

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

## **Oral Examination**

In programs which require it, the oral examination focuses on the student’s thesis or research paper, if such is a part of the program, or on the student’s area of specialization if a thesis or research paper is not required. Consult specific program requirements elsewhere in this catalog and the departmental program description available in departmental offices and in the office of the Graduate Dean for complete information concerning oral examination requirements.

Oral examinations must be successfully completed at least 10 days prior to graduation. The oral examination must not be held until the student has satisfactorily completed the written comprehensive examination and/or, if appropriate, has had the research paper or thesis approved by the research paper or thesis adviser. The oral committee consists of at least three members of the graduate faculty and

must include a member of the graduate faculty from outside the student’s department(s) of specialization and the thesis or research paper adviser (if the student has written a thesis or research paper).

The committee is appointed by the Graduate Dean upon the advice and recommendation of the adviser and Program Director in the student’s area of specialization. The chair of the oral committee (either the thesis/paper adviser or the program adviser) reports the results of the examination as “satisfactory” or “unsatisfactory” to the Graduate Dean. A “satisfactory” result is reported if a majority of the committee vote in favor of reporting “satisfactory.”

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

## **Research Paper or Thesis**

For degree programs requiring or allowing the option of a research paper or thesis, a description of acceptable topics and the precise nature of the requirements is provided in the departmental program descriptions. As part of their approved degree plan, students completing a thesis should register for thesis credits (courses numbered 799), and students completing a research paper should register for research paper credits (courses numbered 795). With the approval of their adviser, students may repeat these courses multiple times until they complete the thesis/project. A student may be academically dismissed from a program as a result of unsatisfactory progress on the thesis or research paper. The mark of PR rather than a grade is recorded for thesis credits (courses numbered 799) or research paper credits (courses numbered 795). Credit and a grade of “S” are recorded for these courses upon satisfactory completion of the oral examination and research paper/thesis. Unless some other guide is specified by the department, the latest edition of The University of Wisconsin-Eau Claire Thesis Manual governs the writing and form of the thesis or research paper. Copies of the manual are available in the Graduate Dean’s office or on the Graduate Studies website. At least one\* copy of the unbound, approved, final typed thesis or research paper must be submitted to the Graduate Dean no later than one week prior to the last

day of classes of the semester or summer session in which the student plans to graduate. Please refer to the Graduate Studies Timetable on the Graduate Studies website for exact deadlines.

\* Please refer to the "Thesis Dissemination Consent Form" on the Graduate Studies website for the different options for submitting a thesis or research paper.

## Academic Integrity

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

Academic misconduct, intentional or unintentional, erodes the integrity of the pursuit of knowledge, which is primary to UW-Eau Claire's mission. Any act of academic misconduct that results in undue advantage or violates the spirit of authorship is sanctionable. Section 14.03 of the **Student Services and Standards** handbook describes both the process to be followed and the variety of sanctions that may be imposed by the instructor or program director in instances of academic misconduct. In the case of a finding of cheating or plagiarism on any graduate program project, examination or paper—including, but not limited to the comprehensive examination and graduate thesis—such action will result in expulsion from the graduate program or revocation of an awarded degree.



## USE OF HUMAN SUBJECTS IN RESEARCH

Federal regulations and University policy require that research projects involving human subjects be designed to protect the rights of the subjects, the researcher, and the University. This pertains to projects for classes on research methodology, independent studies, and thesis research as well as faculty/student research collaborations. Each proposal involving human subjects and its provisions for their protection must be reviewed and approved by the Institutional Review Board (IRB) for the Protection of Human Subjects prior to initiation of the work. Some low-risk studies at the undergraduate level are covered by an instructor who is certified to provide the basics of human protection to a given course. However, at the graduate level, research projects involving human subjects need IRB committee approval, an on-line process which starts with a tutorial on human subjects protection.

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

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

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

## USE OF ANIMALS IN RESEARCH

All students involved in the care or use of vertebrate animals and all facilities used for such animals must operate within the guidelines of the *Guide for the Care and Use of Laboratory Animals*. Copies of the Guide and other pertinent materials may be obtained from the Chair of the Institutional Animal Care and Use Committee in the Department of Biology, 715-836-4166.

## SCHEDULE OF CLASSES

Graduate courses are offered at a variety of times, both on-campus and online. The schedule



of classes is usually available online in March for the fall semester, October for the winter session and spring semester, and in November for the summer session.

## **REGISTRATION IN COURSES**

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

Dates of registration and detailed instructions for registering are available on the Web in advance of the beginning of each registration period.

## **COURSE NUMBERS**

Courses numbered 500-699 are courses offered for undergraduate (300-499) as well as graduate credit. Graduate students in such courses are required to meet expectations beyond those required of undergraduates. These expectations will vary and may include but are not limited to additional readings, oral presentations, additional or more sophisticated experiments or research, and additional written work. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level or at the discretion of the program adviser.

Courses numbered 700 or higher are open only to graduate students.

## **ASSISTANTSHIPS AND FELLOWSHIPS**

Assistantship and fellowship application materials may be obtained from the Admissions Office or online at the Graduate Studies website.

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

Graduate students are considered eligible for assistantships or fellowships if enrolled in a minimum of six graduate credits for assistantships, three graduate credits for fellowships, or four graduate credits for AOP grants. Enrollment in at least one thesis credit or

in an applied field project is also considered full-time enrollment for financial aid and enrollment certification purposes.

If you would like to be considered for a graduate assistantship, fellowship, or the Advanced Opportunity Program (AOP), the priority application date is March 1 for the following academic year. The *Application for Graduate Assistantship and/or Fellowship* can be found on the Admissions or Graduate Studies websites, and should be submitted to the Office of Graduate Studies.

### **Graduate Assistantships**

Graduate assistantships are available to graduate students who have been admitted in “full standing” to a degree program. Both full-time and part-time assistantships are available. A graduate student who is awarded a full-time assistantship will work twenty hours per week for an academic department and must take at least six credit hours but no more than ten credit hours per semester.

### **University of Wisconsin-Eau Claire Foundation Fellowships**

University of Wisconsin-Eau Claire Foundation Fellowships are awarded on the basis of scholarship and scholarly potential. Fellowship recipients must be admitted in full standing to a degree program or be eligible for admission upon completion of the baccalaureate degree. The student must take at least three credit hours during the fall and spring semesters and one credit hour during the summer session.

### **Advanced Opportunity Program (AOP) Grants**

Advanced Opportunity Program grants are for under-represented minority graduate students, and economically disadvantaged non-minority graduate students who are U.S. Citizens or permanent residents. All AOP recipients must maintain good academic standing, make satisfactory academic progress in their graduate program, and demonstrate financial need. In the semester during which the award is received, recipients must carry an academic load of at least four credit hours (three credit hours during the summer session), or be enrolled in at least one thesis credit. To be considered for an AOP grant, students must file a Free Application for Federal Student Aid (FAFSA) with the Office of Financial Aid, and

complete the AOP application with the Office of Graduate Studies. Out-of-state students who receive an AOP grant may also be eligible to receive a non-resident tuition remission the semester or session in which the grant is received. Preference is given to Wisconsin residents and full-time students.

## **FINANCIAL ASSISTANCE**

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

### **Work Study**

Work study is available to graduate students who complete a FAFSA and who demonstrate financial need. Graduate students' job respon-

sibilities are generally of a more complex nature and thus may be paid at a higher wage rate than undergraduate students. Both on- and off-campus work study positions are available.

### **Ford Federal Unsubsidized Direct Loan**

The Ford Federal Direct Unsubsidized Loan is available to graduate students who are enrolled at least half-time in a degree-seeking program (the Ford Federal Subsidized Direct Loan is no longer available to graduate students). Eligible students may borrow up to their financial aid budget (minus subsidized loan eligibility or other financial aid resources received) per year for graduate study not to exceed \$20,500. Maximum accumulated indebtedness for graduate students receiving unsubsidized loans is \$138,500. The interest accrues on the loan while the student is still in school. Students may choose to add the interest that accrues to their principal; however, this may be an expensive option.

## **INTERNATIONAL STUDENT AID**

### **International Student Tuition Remission Scholarships.**

The value of International Student Tuition Remission Scholarships may equal up to the non-resident cost of tuition. This scholarship may be available to international students in good academic standing.





## **TUITION RECIPROCITY— MINNESOTA/WISCONSIN**

The current reciprocity agreement between Minnesota and Wisconsin enables a Minnesota resident to attend Wisconsin public institutions of higher education at rates approximating tuition prevailing in the Minnesota State University System. Those wishing to take advantage of this tuition remission must apply each year well in advance of the beginning of the Fall Semester. Approval covers the full year (including Interim and Summer Sessions). Application forms are available in Minnesota high schools, in the UW-Eau Claire Registrar's Office, or from the Reciprocity Office, Higher Education Coordinating Commission, 400 Capitol Square Building, 550 Cedar Street, St. Paul, MN 55101.

## **FEE SCHEDULE**

A fee schedule is established each year. Fees are published in the schedule of classes for each session. The determination of student level (undergraduate or graduate) for the purpose of fee assessment is based on the student's classification. A student who registers for graduate credit will be classified as a graduate student for the term and will be assessed graduate-level fees for all course work. Exceptions may be made for undergraduates taking graduate courses in accordance with the policy described in this catalog (see Enrollment of Undergraduates in Admissions section).

## **DEGREE PROGRAM REQUIREMENTS**

A complete description of the program requirements for each degree is available upon request from the office of the College and/or Graduate Dean or the department offering the program. General requirements of programs are described in the section of this catalog concerning degrees offered and in the sections concerning specific disciplines and specializations. Students should become familiar with such requirements as research seminars, written comprehensive examinations, research paper or thesis options, oral examinations, and with the deadlines when these requirements must be met. While faculty advisers are responsible for assisting students in the development of their programs, it is the student's responsibility to know and to meet all the requirements for a specific degree.

## **GRADUATE DEGREE PROGRAM PLAN**

Graduate students admitted to a degree program should file a graduate degree program plan with the Graduate Dean by the third week of the semester in which the student will complete 15 credits. The degree plan must be filed and approved before the term in which graduation is anticipated.

## **GRADUATION**

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

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

## **COMMENCEMENT EXERCISES**

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

In order to participate in a commencement ceremony, students must file an application for graduation and must meet at least one of the following conditions: (1) completion of all requirements for the graduate degree, or (2) current enrollment in the courses necessary to complete all requirements, or (3) completion of all degree requirements with 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.

## 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. 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.

## ADVISING OF STUDENTS

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

## STUDENT PETITIONS

Graduate students may petition the Graduate Dean for review of decisions concerning their degree requirements or academic standing. The petition must be in writing and must include justification for the petition, such as extenuating circumstances and pertinent facts not available for consideration in the initial decision.

## INTERDISCIPLINARY GRADUATE EDUCATION/ HUMAN DEVELOPMENT CENTER

Human Sciences and Services 160  
715-836-5604  
[www.uwec.edu/HDC](http://www.uwec.edu/HDC)

## GRADUATE FACULTY

Michael I. Axelrod, Ph.D. (Director)  
Cheryl A. Lapp, Ph.D.  
Joseph E. Morin, Ed.D.  
Vicki M. Samelson, Ph.D.  
Mary Beth Tusing, Ph.D.

The Human Development Center (HDC) is an interdisciplinary clinic working with individuals and families from western Wisconsin. Under the direct supervision of faculty supervisors, graduate student clinicians from Communication Sciences and Disorders, Education Studies (Reading), Nursing, School Psychology, Special Education, and Social Work provide assessment, intervention, and consultation services to children, adolescents, young adults, and families. The HDC offers faculty and students the opportunity to collaborate with other disciplines in clinical as well as research areas. Cooperative and individual research projects are encouraged. Major research projects are conducted by faculty members with assistance from graduate assistants employed at the HDC, or by graduate students working with faculty on theses.

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





## AMERICAN INDIAN STUDIES

Hibbard 150

715-836-6045

Fax: 715-836-4104

www.uwec.edu/AIS

ais@uwec.edu

## GRADUATE FACULTY

Debra K. S. Barker, Ph.D. (Program Director)

Wendy Makoons Geniusz, Ph.D.

## PROGRAMS

No graduate degree programs offered.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## AIS

### AIS 514 Ojibwe Language Camps

3 crs. • Su • *Field Trip(s) Required; Special Course Fee Required • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: AIS 112 • Instructor Consent Required*

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with AIS 314. Criminal background check required. Must have the ability to converse in elementary Ojibwe.

This course examines a growing language revitalization method. Students learn basic techniques for teaching Ojibwe in an informal setting and implement what they learn by participating and teaching at Ojibwe language camps in Native communities.

### AIS 522 Native Geographies

3 crs. • Sp odd years • *Field Trip(s) Required; Special Course Fee Required • No S/U Grade Option*

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with AIS 322 and GEOG 322/522. Credit may only be earned in one course.

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 543 Contemporary American Indian Communities

3 crs. • V • *Special Course Fee Required • A-F Grades Only • P: AIS 101 or AIS 102 or consent of instructor.*

Seminar Hours: 3 | Lab/Studio Hours: 0

Preparation for future study in AIS and/or work in American Indian communities by providing skills to work with communities toward mutually beneficial goals. Learn challenges facing American Indian communities and successful initiatives combatting those challenges. Travel required.

### AIS 568 Studies in American Indian History

1-3 crs. • V • *May be repeated for a maximum of 9 credits • No S/U Grade Option*

• Cross-listed with AIS 368 and HIST 368/568. Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century. Consult class schedule or department office for current offering.

### AIS 569 Wisconsin Indian History

3 crs. • V • *No S/U Grade Option*

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with AIS 369 and HIST 369/569. Credit may only be earned in one of these courses.

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

### AIS 595 Directed Studies

1-3 crs. • F, Sp • *May be repeated • No S/U Grade Option*

• Cross-listed with AIS 395.

Study of problem or topic related to American Indian Studies.

### AIS 644 Theory and Methodologies in American Indian Studies

3 crs. • F • *P: AIS 101, AIS 102, and AIS 343.*

Seminar Hours: 3

• Cross-listed with AIS 444. Credit may not be earned in both courses. Field trips recommended.

Introduction to theory and methods of critical practices in the discipline. Emphasis on active research and critical analysis of current texts, discussions, and issues within American Indian scholarship.

### AIS 699 Independent Study

1-3 crs. • F, Sp • *No S/U Grade Option*

• Cross-listed with AIS 499.

Original individual research or studies related to American Indian Studies.



## ART & DESIGN

Haas Fine Arts 104

715-836-3277

[www.uwec.edu/ART](http://www.uwec.edu/ART)

## GRADUATE FACULTY

Li-Ying Bao, M.F.A.

Wanrudee Buranakorn, M.F.A.

Ned Gannon, M.F.A.

Eugene Hood Jr., Ph.D.

Sooyun Im, M.F.A.

Lia Johnson, Ph.D.

Jyl Kelley, M.F.A.

Jason Lanka, M.F.A.

Jian Luo, M.F.A.

Michael McMann, M.F.A.

Susan O'Brien, M.F.A.

Karen O'Day, Ph.D.

Jill Olm, M.F.A.

Scott Robertson, M.F.A.

Sandra Starck, M.F.A.

Christos Theo, M.F.A. (Chair)

## PROGRAMS

No graduate degree programs offered.

## COURSES

Graduate art courses are for programs in areas of specialization other than art.

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## ART

### ART 544 Painting: Space and Process

3 crs. • V • *Special Course Fee Required* • *May be repeated for a maximum of 6 credits* • *No S/U Grade Option* • *Department Consent Required*

Lecture/Discussion: 0 | Lab/Studio: 6

• Cross-listed with ART 344. Credit may not be earned in both courses.

Studio course for the intermediate student exploring materials, techniques, and processes, and their relationships to pictorial and physical space.

### ART 557 Ceramics I

3 crs. • V • *Special Course Fee Required* • *No S/U Grade Option* • *P: ART 110 or consent of instructor.*

• *Department Consent Required*

Lecture/Discussion: 0 | Lab/Studio: 6

• Cross-listed with ART 357. Credit may not be earned in both courses.

Studio course comprised of introductory experience in mixing clay, making glazes, throwing, hand building, glazing, and methods of firing.

### ART 595 Directed Studies

1-3 crs. • F, Sp, Su • *May be repeated* • *No S/U Grade Option* • *Department Consent Required*

• Cross-listed with ART 395.

Investigation of a special studio art/art related project.

### ART 797 Independent Study

1-3 crs. • F, Sp • *May be repeated* • *No S/U Grade Option* • *Department Consent Required*

Independent study projects under the direction of a faculty member.

## ARTH

### ARTH 550 Art Field Study Programs

1-6 crs. • V • *May be repeated for a maximum of 6 credits* • *No S/U Grade Option* • *Department Consent Required*

• Cross-listed with ARTH 350. Fee variable.

Travel seminars examining art in this country and abroad.



## BIOLOGY

### BIOLOGY

Phillips 330

715-836-4166

[www.uwec.edu/biology](http://www.uwec.edu/biology)

### GRADUATE FACULTY

Julie Anderson, Ph.D.

Damani Bryant, Ph.D.

Winnifred Bryant, Ph.D.

Rodolfo Buiser, Ph.D.

Chris Floyd, Ph.D.

Derek Gingerich, Ph.D.

Daniel Herman, Ph.D.

Daniel Janik, Ph.D.

Michelle Kettler, Ph.D.

Paula Kleintjes Neff, Ph.D.

Tali Lee, Ph.D.

David Lonzarich, Ph.D.

Jamie Lyman Gingerich, Ph.D.

Joseph Rohrer, Ph.D.

Sasha Showsh, Ph.D.

Wilson Taylor, Ph.D. (Chair)

Lloyd Turtinen, Ph.D.

Evan Weiher, Ph.D.

Michael Weil, Ph.D.

Todd Wellnitz, Ph.D.

### PROGRAMS

No graduate degree program offered.

### COURSES

All 500- and 600-level graduate courses in-

clude requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

### BIOL

#### BIOL 500 Genetics

4 crs. • F, Sp • No S/U Grade Option • P: BIOL 211, or grades of C or above in BIOL 222 and BIOL 223, or consent of instructor; and MATH 109 with a grade of C or above.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Cross-listed with BIOL 300. Credit may not be earned in both courses.

Basic principles of heredity and variation; genetic systems, structure and roles of nucleic acids, mutation, allelism, genes in development, genes in populations, and genetics in human life; genetic engineering and genomics.

#### BIOL 506 Infectious Disease Ecology

3 crs. • Sp • No S/U Grade Option • P: BIOL 111 or grades of C or above in BIOL 222 or BIOL 223; and CHEM 104 or CHEM 115.

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

• Cross-listed with BIOL 306. Credit may not be earned in both courses.

Introduction to the realities of microbial pathogens in our lives and their relationship to hosts, reservoirs, and environmental factors. Discussion of emerging and re-emerging diseases.

#### BIOL 511 General Entomology

4 crs. • F • Field Trip(s) Required • No S/U Grade Option • P: BIOL 100 or BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

• Cross-listed with BIOL 311. Credit may not be earned in both courses.

Study of the structure, function, diversity, ecology, and management of insects. Field collection and laboratory identification of terrestrial and aquatic insects of Wisconsin.

#### BIOL 528 Conservation Biology

4 crs. • Sp • Field Trip(s) Required; Special Course Fee Required • No S/U Grade Option • P: BIOL 110 or BIOL 180 or GEOG 178 or BIOL 222.

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

• Cross-listed with BIOL 328. Credit may not be earned in both courses.

Scientific basis for conserving biological diversity. Explore global efforts in research, education, and advocacy for conserving genes, species, and ecosystems and their ecological and evolutionary processes. Applied engagement in habitat restoration, conservation research, and education.



**BIOL 552 Parasitology**

4 crs. • F • No S/U Grade Option • P: BIOL 100 or BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

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

• Cross-listed with BIOL 352. Credit may not be earned in both courses.

A survey of protozoan, helminth, and arthropod parasites, emphasizing those affecting humans, host-parasite relationships, and vectors. Animal dissection is required.

**BIOL 561 Biology of Microorganisms**

5 crs. • F, Sp • No S/U Grade Option • P: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223, and one year of chemistry. No credit if taken after credit earned in BIOL 250.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

• Cross-listed with BIOL 361. Credit may not be earned in both courses.

Study of microbial taxonomy, physiology, genetics, ecology, and morphology with environmental, industrial, agricultural, and medical applications.

**BIOL 580 Endocrinology**

4 crs. • F • No S/U Grade Option • P: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223, and one year college chemistry.

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

• Cross-listed with BIOL 380. Credit may not be earned in both courses.

Study of the relationships between histophysiology, chemistry, and disorders of the endocrine system; its interrelationships with the nervous system and how both contribute to bodily homeostasis.

**BIOL 581 Virology**

4 crs. • V • No S/U Grade Option • P: BIOL 361/BIOL 561 or consent of instructor.

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

• Cross-listed with BIOL 381. Credit may not be earned in both courses.

Fundamental principles of virus structure, assembly, replication, and control mechanisms related to the dynamics of virus-cell interactions using specific disease examples. Lecture and discussion emphasis on modern molecular methods of studying virus systems.

**BIOL 602 Current Topics in Virology and Immunology**

4 crs. • F • No S/U Grade Option • P: BIOL 300/BIOL 500, CHEM 325, and one of the following: BIOL 302, BIOL 304, BIOL 361/BIOL 561, CHEM 352 OR CHEM 452/CHEM 652; or consent of instructor.

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

• Cross-listed with BIOL 402. Credit may not be earned in both courses.

Lectures and readings in immunology and virology. Emphasis on the mode of thinking and reasoning that led to earlier solutions. Discussions of current advances in the fields.

**BIOL 704 Research Techniques**

2 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • Instructor Consent Required

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

Emphasis on experimental design and specific techniques appropriate to the various subdisciplines in biology.

**BIOL 791 Directed Studies**

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 7 credits • No S/U Grade Option • Instructor Consent Required

Lectures, laboratory, or field study covering specific areas not normally included in regular classes, and of special interest to students and/or faculty.

**BIOL 797 Independent Study**

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option • Department Consent Required

Independent study projects under direction of a faculty member.

**BIOL 799 Thesis**

1-6 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • PR Only Grade Basis

• Full-time equivalent.

## COURSES OFFERED AT THE GULF COAST RESEARCH LABORATORY (GCRL), 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 at the graduate level in the marine sciences. Graduate credits for these courses are awarded through the University of Southern Mississippi and will be accepted as transfer credit at UW-Eau Claire.

Students may obtain more information about GCRL and admission to the summer program by contacting Dr. David Lonzarich, On-Campus Affiliate Coordinator, UW-Eau Claire Department of Biology or by writing the Office of Student Services, Department of Coastal Sciences, Gulf Coast Research Laboratory, Ocean Springs, MS 39564. Phone: (228) 872-4200; or visit the website at [www.usm.edu/gcrl](http://www.usm.edu/gcrl).



## CHEMISTRY

Phillips 430  
715-836-3417  
www.uwec.edu/chemistry

### GRADUATE FACULTY

Sudeep Bhattacharyay, Ph.D.  
James E. Boulter, Ph.D.  
Michael J. Carney, Ph.D. (Chair)  
Patricia Cleary, Ph.D.  
Bart J. Dahl, Ph.D.  
Stephen Drucker, Ph.D.  
Robert J. Eierman, Ph.D.  
Warren Gallagher, Ph.D.  
Alan Gengenbach, Ph.D.  
Jason A. Halfen, Ph.D.  
Scott Hartsel, Ph.D.  
Sanchita Hati, Ph.D.  
Frederick W. King, Ph.D.  
David E. Lewis, Ph.D.  
Marcus T. McEllistrem, Ph.D.  
Christine Morales, Ph.D.  
Cheryl L. Muller, Ph.D.  
James A. Phillips, Ph.D.  
Kurt Wiegel, Ph.D.  
Thao Yang, Ph.D.

### PROGRAMS

No graduate degree programs offered.

### COURSES

Courses in chemistry are taken as part of graduate programs in other areas.

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.



## CHEM

### CHEM 601 Inorganic Chemistry

3 crs. • Sp odd years • No S/U Grade Option • P: CHEM 218; and CHEM 433/CHEM 633 or concurrent registration.

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with CHEM 401. Credit may not be earned in both courses.

Structure, bonding, and reactivity of inorganic compounds. Symmetry and group theory, vibrational analysis, and molecular orbital theory. Arrhenius and Lewis acid/base concepts. Organometallic and bioinorganic compounds, reactions, and mechanisms.

### CHEM 611 Survey of Industrial Chemistry

3 crs. • F • Field Trip(s) Required • No S/U Grade Option • P: CHEM 218 and CHEM 326.

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with CHEM 411. Credit may not be earned in both courses.

Survey of manufacturing processes, applications, and economics of major inorganic and organic chemicals and polymers, including those involved in the production of plastics, fibers, elastomers, pesticides, pharmaceuticals, detergents, electronics, and pollution control technologies.

### CHEM 626 Modern Organic Chemistry

3 crs. • F even years • No S/U Grade Option • P: CHEM 326

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with CHEM 426. Credit may not be earned in both courses.

Selected advanced topics in organic chemistry, including reaction mechanisms and synthesis, with emphasis on recent developments in the field.

### CHEM 633 Physical Chemistry I

4 crs. • F • No S/U Grade Option • P: CHEM 213, CHEM 218; MATH 215; PHYS 232 or concurrent enrollment.

Lecture/Discussion: 4 | Lab/Studio: 0

• Cross-listed with CHEM 433. Credit may not be earned in both courses.

A quantitative study of the physical properties of matter emphasizing the macroscopic perspective. Topics include: gas behavior, chemical thermodynamics, phase equilibrium, mixtures and solutions, chemical equilibrium, electrochemistry, and chemical kinetics.

### CHEM 634 Physical Chemistry II

4 crs. • Sp • No S/U Grade Option • P: CHEM 433/CHEM 633

Lecture/Discussion: 4 | Lab/Studio: 0

• Cross-listed with CHEM 434. Credit may not be earned in both courses.

Continuation of Chemistry 433/633. The quantitative study of the physical properties of matter emphasizing the microscopic perspective. Topics include: quantum theory, atomic and molecular structure, chemical bonding, molecular symmetry, spectroscopy, resonance techniques, and statistical mechanics.

**CHEM 638 Physical Analysis Laboratory**

2 crs. • Sp • *Special Course Fee Required* • No S/U Grade Option • P: CHEM 434/CHEM 634 or concurrent registration.

Lecture/Discussion: 0 | Lab/Studio: 6

• Cross-listed with CHEM 438. Credit may not be earned in both courses.

An advanced, project-oriented laboratory course in physical and analytical chemistry. Beyond reinforcing the fundamental concepts in these sub-fields, particular emphasis will be placed on technical writing, and the development of hands-on laboratory skills.

**CHEM 642 Instrumental Analysis**

3 crs. • Sp even years • No S/U Grade Option • P: CHEM 218; CHEM 434/CHEM 634 or concurrent enrollment and CHEM 438/CHEM 638 or concurrent enrollment.

Lecture/Discussion: 4 | Lab/Studio: 0

• Cross-listed with CHEM 442. Credit may not be earned in both courses.

The theory, operation, and analytical applications of chemical instrumentation, including areas such as spectroscopy, separation science, and electrochemistry.

**CHEM 652 Biochemistry I**

3 crs. • F • No S/U Grade Option • P: CHEM 326 or CHEM 323. Credit may not be earned in both CHEM 352 and CHEM 452/652.

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with CHEM 452. Credit may not be earned in both courses.

Chemistry of important constituents of living matter. Topics include proteins, carbohydrates, lipids, and nucleic acids. Also included are bioenergetics and basic enzyme kinetics and mechanism.

**CHEM 653 Biochemistry Laboratory I**

2 crs. • F • *Special Course Fee Required* • No S/U Grade Option • P: CHEM 213; CHEM 452/CHEM 652 or concurrent registration. • *Instructor Consent Required*

Lecture/Discussion: 0 | Lab/Studio: 4

• Cross-listed with CHEM 453. Credit may not be earned in both courses.

Study of experimental methods of analysis in biochemistry and their use in determination of structure and function.

**CHEM 654 Biochemistry II**

3 crs. • Sp • No S/U Grade Option • P: CHEM 452/CHEM 652

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with CHEM 454. Credit may not be earned in both courses.

Study of advanced concepts in biochemistry, especially those involving metabolism and their regulatory mechanism of action.

**CHEM 660 Polymer Chemistry**

3 crs. • Wi, Sp • No S/U Grade Option • P: Grade of C or above in CHEM 326.

Lecture/Discussion: 3 | Lab/Studio: 0

• Cross-listed with CHEM 460. Credit may not be earned in both courses.

An introduction to synthetic and naturally occurring polymers with a focus on synthesis, analysis, and structure/property relationships. The history and development of polymers will be discussed as well as the impact on industry and society.

**CHEM 796 Directed Studies**

1-3 crs. • Su • May be repeated for a maximum of 6 credits • No S/U Grade Option

Summer workshop for teachers.

**CHEM 797 Independent Study**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • *Department Consent Required*



## COMMUNICATION AND JOURNALISM

Hibbard 152

715-836-2528

[www.uwec.edu/CJ](http://www.uwec.edu/CJ)

### GRADUATE FACULTY

Terrence L. Chmielewski, Ph.D.

Michael D. Dorsher, Ph.D.

Martha Fay, Ph.D.

Peter Hart-Brinson, Ph.D.

Mary Hoffman, Ph.D. (Chair)

Won Yong Jang, Ph.D.

Jack Kapfer, M.A.

Xiaodong Kuang, Ph.D.

Jan Larson, M.S.

Ellen Mahaffy, M.F.A.

Eun Soo Rhee, Ph.D.

Maureen Schriener, Ph.D.

Nicole Schultz, Ph.D.

Judy R. Sims, Ph.D.

David Tschida, Ph.D.

Ganga Vadhavkar, Ph.D.

### PROGRAMS

No graduate degree programs offered.

### COURSES

Courses in Communication and Journalism are offered as electives for programs in other disciplines.

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

### CJ

#### **CJ 507 Small Group Communication**

3 crs. • F, Sp • No S/U Grade Option

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

• Cross-listed with CJ 307. Credit may not be earned in both courses.

Theories, concepts, and skills to improve small group communication. Includes principles of group dynamics, decision-making, problem-solving, interpersonal conflict, leadership, and team-building.

#### **CJ 510 Communication Analysis**

3 crs. • F • No S/U Grade Option • P: CJ 207

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

• Cross-listed with CJ 310. Credit may not be earned in both courses.

A study of the methods for analysis of messages and their application to examples of contemporary communication.

#### **CJ 550 Human Resource Development**

3 crs. • F, Sp • No S/U Grade Option • P: Grades of C or above in CJ 300/CJ 500 and CJ 307/CJ 507, or grades of C or above in BSAD 380 and MGMT 340.

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

• Cross-listed with CJ 350. Credit may not be earned in both courses.

Introduction to the human resource development field, emphasizing training and development. HRD needs assessment; design, delivery, and evaluation of programs for employee development.

#### **CJ 551 Strategic Event Planning**

3 crs. • F • SL-Half; Field Trip(s) Required • No S/U Grade Option • P: Grades of C or above in CJ 250 or CJ 265 or CJ 270.

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

• Cross-listed with CJ 351. Credit may not be earned in both courses.

Theory and practice of using events to advance impressions of organizations. Focus on the role of effective communication in assessing needs, and designing, delivering and evaluating events. Students will plan and execute an event.

#### **CJ 555 Advanced Organizational Communication: Strategic Message Design**

3 crs. • Sp • No S/U Grade Option • P: Grades of C and above in CJ 202 and CJ 250.

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

• Cross-listed with CJ 355. Credit may not be earned in both courses.

Analysis and design of messages for use in a variety of organizational contexts. Emphasis on key role of messages in organizations, analysis of organizational needs, and creation of messages to address them.

#### **CJ 557 Professional Communication**

3 crs. • F, Sp • No S/U Grade Option • P: Grade of C or above in CJ 202.

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

• Cross-listed with CJ 357. Credit may not be earned in both courses.

Theories, skills, and strategies needed to become an effective communicator in business and professional settings. Special attention given to developing ethical and mindful interviewing and professional speaking skills and strategies.



### **CJ 607 Leadership Communication**

3 crs. • V • No S/U Grade Option • P: Grades of C or above in CJ 300/CJ 500 and CJ 307/CJ 507, or grades of C or above in MGMT 340 and MATH 245 or MATH 246.

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

• Cross-listed with CJ 407. Credit may not be earned in both courses.

Theories, concepts, and skills for effective leadership communication. Focuses on leader traits, behaviors, influence, values, and ethics; on follower characteristics and needs; on situational variables; and on the influence of gender and diversity on leadership dynamics.

### **CJ 614 Mass Media Law**

3 crs. • F, Sp • No S/U Grade Option • P: Grade of C or above in CJ 300.

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

• Cross-listed with CJ 414. Credit may not be earned in both courses.

American law as applied to mass communication constitutional guarantees, libel, privacy, access to information, fair trial vs. free press, source protection, contempt of court, obscenity, copyright, regulation of advertising, broadcasting, and media as a business.

### **CJ 652 Health Communication**

3 crs. • F • No S/U Grade Option

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

• Cross-listed with CJ 452. Credit may not be earned in both courses.

Study and use of communication strategies to inform and influence individual and community decisions that enhance health.

### **CJ 695 Directed Studies**

1-3 crs. • F, Sp • May be repeated for a maximum of 3 credits • No S/U Grade Option • Department Consent Required

• Cross-listed with CJ 495.

Study of special topics structured to fit the needs, interests, and goals of the students.



## **COMMUNICATION SCIENCES AND DISORDERS**

Human Sciences and Services 113

715-836-4186

Fax: 715-836-4846

[www.uwec.edu/CSD](http://www.uwec.edu/CSD)

### **GRADUATE FACULTY**

Abby Hemmerich, Ph.D.

Jerry Hoepner, Ph.D.

Vicki Samelson, Ph.D. (Program Coordinator)

Gail Scukanec, Ph.D.

Marie Stadler, Ph.D. (Chair)

There are five additional instructional personnel in the Department of Communication Sciences and Disorders who hold the doctoral or master's degree and a Certificate of Clinical Competence in Speech-Language Pathology or Audiology from the American Speech-Language-Hearing Association. Graduate faculty members and the other instructional personnel teach some academic courses in Communication Sciences and Disorders and are clinical instructors of students enrolled in practicum experiences.

### **PROGRAMS**

#### **MS—Communication Sciences and Disorders**

The program leading to the degree in Communication Sciences and Disorders is designed to prepare the student to function independently as a speech-language pathologist within the profession of communication disorders. To accomplish that objective, it is necessary that the student develop knowledge and/or competencies in several areas: (1) normal speech, hearing, and language development and behavior; (2) nature, evaluation, and management in various work settings of the disorders of speech, hearing, and language in children and adults; and (3) investigative procedures in communication disorders.

Completion of a master's degree is required prior to earning certification in speech-language pathology from the American Speech-Language-Hearing Association and prior to earning a license from the Wisconsin Department of Public Instruction for employment in public schools. Almost all employment in speech-language pathology requires the master's degree. The master's

## COMMUNICATION SCIENCES AND DISORDERS

degree program in speech-language pathology at this University is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association and is approved by the Wisconsin Department of Public Instruction. There is no program in audiology at UW-Eau Claire.

Practicum experience is planned to serve the needs and interests of graduate students in communication sciences and disorders. They may obtain a diversity of clinical experience through the Center for Communication Disorders on campus and its many affiliated practicum sites. Under the supervision of qualified University personnel and qualified on-site employees at affiliated practicum sites elsewhere, students have opportunities to encounter clients ranging in age across the lifespan who exhibit all types of communication disorders. The affiliated practicum sites are varied, including hospitals, clinics, community agencies, and schools.

To be considered for admission, an applicant must meet the following minimal criteria: (1) a baccalaureate degree, preferably including a major in communication sciences and disorders; (2) a minimum of 30 earned semester credits in communication sciences and disorders coursework prior to matriculation into the graduate program; (3) a resident and total GPA of 2.75 and a GPA of 3.00 in communication sciences and disorders coursework; (4) a grade of B or above in any graded practicum experience; and (5) submission of all required application materials prior to the application deadline, which is usually February 1st. These application materials include: application to the CSD department, university application with official undergraduate transcripts, three letters of recommendation and GRE scores.

The fact that a student has met the minimal criteria listed above does not guarantee admission to the program. The enrollment in the graduate program is limited to a maximum number of students determined annually by the program faculty. In recent years, the number of students admitted annually has been 16 to 20. Applications for admission are reviewed only once per year in the spring semester. Students begin their graduate programs as full-time students during the fall semester following admission.

The master's degree program requires successful completion of at least 54 CSD graduate semester credits. Each student must complete the following academic courses in the Department of Communication Sciences and Disorders at the graduate level unless equivalent courses have been taken previously: 648, 706, 715, 716, 725, 726, 729, 737, 748, 754, and 774 (26 credits total). A student must enroll in six clinical practicum credits: CSD 769 or 771. In addition, each graduate student completes two externships (12 credits for the two externships combined), which may be located in schools (CSD 780) and/or rehabilitation settings (CSD 781). Prior to the externship, the student must complete the methods course for that setting (CSD 749 and/or 750). Altogether there are 18 required clinical practicum credits in the graduate program, including externships and practicum enrollments. The remaining credits in the graduate program may be from a list of designated elective courses shown below. To summarize the graduate curriculum, the curriculum includes: 26 credits in specific academic coursework; 18 credits in clinical experiences (practica and externships); at least four credits of electives from this list of courses: CSD 673, 731, 732, 746, 747, and 799; other elective credits from the above list or these: CSD 521, 526, 552, 558, 578, 610, 611, 640, 695, 730, 745, 749, 750, 793, 797. Typical program duration encompasses four semesters and the summer session midway through the program. Students must enroll in a full-time schedule unless special permission is granted by the Communication Sciences and Disorders graduate faculty to work toward the degree on a part-time basis.

Students may elect either a thesis or non-thesis option. All students must successfully complete a written comprehensive examination prior to graduation, except students writing theses.

### COURSES

Graduate credit may be earned in courses with numbers between 500 and 799. The academic coursework in each student's program is planned in conjunction with an assigned academic adviser so that the student meets requirements for state and national credentialing.

## CSD

### **CSD 511 Language Development and Disorders: Related Disciplines**

3 crs. • F, Su • No S/U Grade Option

• Cross-listed with CSD 311. Credit may not be earned in both courses. No credit for communication sciences and disorders majors.

Biological, cognitive, perceptual, and social bases of language development. Developmental skills and processes related to components of the language system. Language interaction with learning and teaching including identification of deficits and language enhancing strategies.

### **CSD 521 Aural Rehabilitation**

3 crs. • F, Sp • Special Course Fee Required Varies by Term/Section • No S/U Grade Option

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

• Cross-listed with CSD 321. Credit may not be earned in both courses. No credit if taken after CDIS 376/576. CSD 373 or a basic audiology course is recommended prior to enrollment in this course.

Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.

### **CSD 526 Voice and Resonance Disorders**

3 crs. • F, Sp • Special Course Fee Required Varies by Term/Section • No S/U Grade Option

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

• Cross-listed with CSD 326. Credit may not be earned in both courses. CSD 256 and CSD 353 or equivalent courses are required prior to enrollment in this course.

Normal aspects of respiration, phonation, and resonance. Causes and characteristics of various voice and resonance disorders. Introduction to the prevention, evaluation, and treatment of voice and resonance disorders. Introduction to speech/voice instrumentation.

### **CSD 552 Fluency Disorders**

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with CSD 352. Credit may not be earned in both courses.

The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.

### **CSD 558 Phonological Disorders**

3 crs. • F, Sp • Special Course Fee Required Varies by Term/Section • No S/U Grade Option

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

• Cross-listed with CSD 358. Credit may not be earned in both courses. CSD 257 and CSD 262 or equivalent courses are required prior to enrollment in this course.

This course addresses the nature, assessment, and treatment of phonological disorders in children and dialect variations of phonology in adults.

### **CSD 578 Introduction to Sign Language**

3 crs. • F, Sp • No S/U Grade Option

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

• Open to all students. • Cross-listed with CSD 378. Credit may not be earned in both courses.

An introduction to various systems of manual communication with a strong emphasis on developing beginning skills in Signing Exact English and fingerspelling.

### **CSD 610 Communication Changes and Disorders of the Older Adult**

3 crs. • Sp • No S/U Grade Option

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

• Open to all students. Cross-listed with CSD 410. Credit may not be earned in both courses.

Normal aging and its effects on speech, voice, oral motor skills, language, and hearing. Overview of the nature and treatment of communication disorders of the older adult. Physiological, psychological, and sociological aspects will be considered.

### **CSD 611 Facilitating Communication in Preschool Children**

2 crs. • Sp • No S/U Grade Option

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

• Cross-listed with CSD 411. Credit may not be earned in both courses. CSD 257 or equivalent course is required prior to enrollment in this course.

Foundations for the evaluation of preschool children, program planning, and program implementation in early childhood/special needs classrooms. Focus includes contexts for communication, content and sequence of communication programs, and techniques for facilitating communication.

### **CSD 619 Assistive Technology and Augmentative and Alternative Communication: Related Disciplines**

2 crs. • F, Su • No S/U Grade Option

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

• Cross-listed with CSD 419. Credit may not be earned in both courses. CSD 257 or CSD 311/CSD 511 or equivalent course is required prior to enrollment in this course. No credit for communication sciences and disorders comprehensive majors.

Augmentative and alternative communication, plus assistive technologies for adapted play, environmental control, mobility, and work site modifications are explored across disabilities and lifespan. Current research, public policy issues, and effective clinical practices will be emphasized.

### **CSD 640 Neurological Aspects of Communication**

2 crs. • F, Su • No S/U Grade Option

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

• Cross-listed with CSD 440. Credit may not be earned in both courses. CSD 256 or equivalent course is required prior to enrollment in this course.

Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.



## COMMUNICATION SCIENCES AND DISORDERS

### **CSD 648 Aphasia and Related Disorders**

2 crs. • Sp • No S/U Grade Option

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

• Cross-listed with CSD 448. Credit may not be earned in both courses. CSD 440/660 or equivalent course is required prior to enrollment in this course.

Differential diagnosis and treatment of the aphasias and related language disorders.

### **CSD 670 Clinical Practicum in Communication Disorders I**

2 crs. • F, Sp • May be repeated for a maximum of 4 credits • No S/U Grade Option • P: CSD 370 and CSD 331 or CSD 358. • Department Consent Required

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

• Cross-listed with CSD 470.

Capstone course in treatment of speech and language disorders. With supervisory guidance, students earn hours conducting assessment and treatment activities in the Center for Communication Disorders.

### **CSD 673 Applications in Audiology**

2 crs. • F • No S/U Grade Option

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

• Cross-listed with CSD 473. Credit may not be earned in both courses. CSD 373 or equivalent course is required prior to enrollment in this course.

Practical application of audiology practices for Speech Language Pathology and Audiology students are presented. There is a special emphasis on screening for hearing loss, middle ear disorder screening, auditory processing disorder, auditory training, and amplification.

### **CSD 685 Serving Diverse Populations**

2 crs. • Sp • No S/U Grade Option

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

• Cross-listed with CSD 485. Credit may not be earned in both courses. CSD 370 or equivalent course is required prior to enrollment in this course.

This course will heighten students' awareness of issues in diversity and will also introduce students to knowledge and skills relevant to serving diverse populations across diversity dimensions, lifespan, and service settings.

### **CSD 695 Directed Studies**

1-3 crs. • Special Course Fee Required Varies by Term/Section • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with CSD 495.

Permits groups of students to study topics of mutual interest in the field of communication disorders.

### **CSD 706 Language Assessment**

3 crs. • F • No S/U Grade Option

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

Assessment of language disorders: differences and delay addressed through representative case studies, contributing and perpetuating factors, test selection, test biases, hypothesis formulation, data interpretation, legal guidelines, and information dissemination explored.

### **CSD 710 Clinical Methods in**

### **Communication Sciences and Disorders**

3 crs. • Su • Special Course Fee Required • No S/U Grade Option • P: Limited to CSD online graduate students.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

\* Criminal background check and one week of face-to-face, in person, clinical lab required.

Learn and practice clinical methods in communication sciences and disorders including: technology for diagnostics and treatment, compliance and reflection activities, operating within a medical setting, and collaborating across the discipline.

### **CSD 715 Research in Communication Sciences and Disorders**

2 crs. • F • No S/U Grade Option

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

Application of information about research procedures to the profession of communication disorders. Preparation of students to function as consumers and producers of research.

### **CSD 716 Essential Applications for Graduate Studies in Communication Sciences and Disorders**

1 cr. • F • Special Course Fee Required • No S/U Grade Option • P: Limited to CSD graduate students.

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

Learn about and participate in activities associated with critical applications related to the field of communication sciences and disorders including: technology, principles of measurement, ASHA Code of Ethics, and professionalism/clinical disposition.

### **CSD 725 Counseling in Communication Disorders**

2 crs. • Sp • No S/U Grade Option

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

Knowledge, skills, and attitudes important for speech-language pathologists in counseling individuals with communication disorders and their families.

### **CSD 726 Organic Voice and Speech Disorders**

3 crs. • Sp • No S/U Grade Option

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

• CSD 326/CSD 526 or equivalent course is required prior to enrollment in this course.

Assessment and treatment of organic voice disorders; speech/voice rehabilitation after head and neck cancer; and nature, assessment, and treatment of craniofacial anomalies. Various syndromes with associated speech/voice disorders are covered.

### **CSD 729 Augmentative and Alternative Communication and Assistive Technology for Speech-Language Pathologists**

3 crs. • Sp • No S/U Grade Option

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

• CSD 257 and CSD 331 or equivalent courses are required prior to enrollment in this course.

The assessment, intervention, and management of individuals across the lifespan who require multi-modal communication systems.

**CSD 730 Seminar: Language Theories**

2 crs. • F • No S/U Grade Option

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

Major language and cognitive theories are examined as explanations of language acquisition and language use as well as clinical applications.

**CSD 731 Seminar: Child/Adolescent Language Intervention**

3 crs. • Sp • No S/U Grade Option

Seminar Hours: 3

• CSD 257 and CSD 331 or equivalent courses are required prior to enrollment in this course.

Focuses on intervention strategies, service delivery models, and current issues in providing services for children and adolescents with developmental language disorders, including autism spectrum disorder.

**CSD 732 Seminar: Child/Adult Speech Intervention**

2 crs. • F • No S/U Grade Option

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

• CSD 358 or equivalent course.

Primarily addresses characteristics and issues related to dialect and accent modification/addition with adult clients and childhood apraxia of speech with children.

**CSD 737 Dysphagia**

2 crs. • Su • No S/U Grade Option

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

• CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.

Normal and abnormal anatomy and physiology of swallowing. Evaluation and treatment of swallowing disorders, with primary emphasis on the adult population. Discussion of issues in service delivery, treatment efficacy, and treatment ethics.

**CSD 745 Topics in Speech-Language-Hearing**

2 crs. • Su • May be repeated • No S/U Grade Option

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

Topics covered will be determined by selecting from current professional, clinical, and research domains in the field of communication disorders.

**CSD 746 Seminar in Language Disorders**

2 crs. • F even years • May be repeated for a maximum of 4 credits • No S/U Grade Option

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

In-depth study of topics in language disorders. Topics will be selected from current professional, clinical, and research domains in the field of communication disorders (e.g., specific language impairment, language, and literacy).

**CSD 747 Seminar in Speech Disorders**

2 crs. • F odd years • May be repeated for a maximum of 4 credits • No S/U Grade Option

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

Topics will be selected from current professional, clinical, and research areas in speech disorders (e.g., stuttering or phonology/articulation).

**CSD 748 Motor Speech Disorders**

3 crs. • F • No S/U Grade Option

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

• CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.

Acquired and pediatric neurological motor speech disorders: syndrome recognition, differential diagnosis, treatment strategies, and case management issues.

**CSD 749 Birth to 21 Methods in Communication Disorders**

4 crs. • Sp • Special Course Fee Required • No S/U Grade Option

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

• CSD 770 or equivalent course is required prior to enrollment in this course.

Roles, responsibilities, legislation, historical perspectives, and current events related to school and non-school settings serving children. Discussion and practical application focused on methods specific to working with ages birth to 21 years with communication disorders.

**CSD 750 Rehabilitation Methods in Communication Disorders**

2 crs. • F • No S/U Grade Option

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

• CSD 770 or equivalent course is required prior to enrollment in this course.

Issues related to the rehabilitation processes including the structure of institutions, interdisciplinary approaches, documentation, and professional issues.

**CSD 754 Acquired Cognitive-Communicative Disorders**

3 crs. • F • No S/U Grade Option

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

• CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.

Nature of dementias, traumatic brain injury (TBI), and right hemisphere brain damage (RHBD). Principles and practices of assessment and intervention of cognitive-communication disorders in persons with dementia, TBI, or RHBD.

**CSD 769 Graduate Clinical Practicum**

1 cr. • F • May be repeated for a maximum of 2 credits • No S/U Grade Option • P: CSD 470/CSD 670 • Department Consent Required

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

Supervised clinical experience for first and third semester graduate students.

**CSD 770 Clinical Practicum in Communication Disorders II**

2 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: CSD 706 and CSD 769, or CSD 706 and instructor permission. • Instructor Consent Required

Supervised clinical experience with persons having communication disorders.

**CSD 771 Clinical Practicum in Communication Disorders III**

3 crs. • F, Sp, Su • No S/U Grade Option • P: CSD 706 and CSD 769. • Instructor Consent Required  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Supervised clinical experience with persons having communication disorders.

**CSD 774 Pediatric Dysphagia**

1 cr. • Su • No S/U Grade Option  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0  
• CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.  
Nature, assessment, and treatment of pediatric dysphagia.

**CSD 780 Externship in Communication Disorders-Educational Settings**

6 crs. • F, Sp • IN • May be repeated for a maximum of 12 credits • No S/U Grade Option • P: CSD 749; grade of B or above in all enrollments in CSD 769, CSD 770 and CSD 771.

• Criminal background check may be required.

Professional clinical experience for nine weeks in a cooperating educational setting under the supervision of a state and nationally-certified speech-language pathologist, as well as appropriately-credentialed University personnel.

**CSD 781 Externship in Communication Sciences and Disorders-Non-School Setting**

6 crs. • F, Sp, Su • IN • May be repeated for a maximum of 12 credits • No S/U Grade Option • P: CSD 750; grade of B or above in all enrollments in CSD 769, CSD 770 and CSD 771.

• Criminal background check required.

Professional clinical experience for nine weeks in a cooperating hospital, residential treatment center, and/or rehabilitation agency under the supervision of a state and nationally-credentialed speech-language pathologist, as well as appropriately-credentialed University personnel.

**CSD 793 Seminar: Selected Topics**

1-3 crs. • F • May be repeated • No S/U Grade Option • Instructor Consent Required  
Permits groups of graduate students to study topics of mutual interest in the field of communication disorders.

**CSD 797 Independent Study**

1-3 crs. • F, Sp • May be repeated • No S/U Grade Option • Department Consent Required

**CSD 799 Thesis**

1-6 crs. • F, Sp • May be repeated for a maximum of 6 credits • PR Only Grade Basis  
• Full-time equivalent.

**COMPUTER SCIENCE**

Phillips 130  
715-836-2526  
[www.cs.uwec.edu](http://www.cs.uwec.edu)

**GRADUATE FACULTY**

Peter Bui, Ph.D.  
Christopher R. Johnson, Ph.D.  
Michael McMann, M.F.A.  
Charles M. Morrison, Ph.D.  
Joline P. Morrison, Ph.D. (Chair)  
Daniel E. Stevenson, Ph.D.  
Jack S. E. Tan, Ph.D.  
Michael R. Wick, Ph.D.

**PROGRAMS**

No graduate degree programs offered.

**COURSES**

Graduate computer science courses may be elected for fulfillment of elective requirements in programs in other fields.

The graduate courses provide an opportunity to work with instructors to gain or expand knowledge in the computer science discipline.

**CS**

**CS 793 Special Topics in Computer Science**

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required  
Permits groups of graduate students to study topics in the field of computer science.

**CS 797 Independent Study**

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required





## ECONOMICS

Schneider 476

715-836-5743

www.uwec.edu/econ

## GRADUATE FACULTY

Rose-Marie Avin, Ph.D.

Wayne Carroll, Ph.D. (Chair)

Sanjukta Chaudhuri, Ph.D.

Maria DaCosta, Ph.D.

Eric M. Jamelske, Ph.D.

Thomas A. Kemp, Ph.D.

Fredric R. Kolb, Ph.D.

Yan Li, Ph.D.

Laura Middlesworth, Ph.D.

Petrik Runst, Ph.D.

David Schaffer, Ph.D.

## PROGRAMS

No graduate degree programs offered.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## ECON

### **ECON 503 Intermediate Microeconomic Theory**

3 crs. • F, Sp • No S/U Grade Option • P: ECON 103 and ECON 104. • Department Consent Required

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

• Cross-listed with ECON 303. Credit may not be earned in both courses.

Application of economic analysis to consumer behavior, production decisions, and resource pricing.

### **ECON 522 Investments**

3 crs. • F • No S/U Grade Option • P: ECON 104 • Department Consent Required

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

• Cross-listed with ECON 322. Credit may not be earned in both courses.

Relationships between investments and the economy, risks, characteristics of securities, securities markets.

### **ECON 525 Public Economics**

3 crs. • No S/U Grade Option • P: ECON 103 and ECON 104. • Department Consent Required

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

• Cross-listed with ECON 325. Credit may not be earned in both courses.

Revenues and expenditures of different units of government and public debt.

### **ECON 531 Government and Business**

3 crs. • F even years • No S/U Grade Option • P: ECON 103 and ECON 104. • Department Consent Required

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

• Cross-listed with ECON 331. Credit may not be earned in both courses.

Market structures and institutions influencing relations between business and government.

### **ECON 535 Labor Economics**

3 crs. • F • No S/U Grade Option • P: ECON 103 and ECON 104. • Department Consent Required

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

• Cross-listed with ECON 335. Credit may not be earned in both courses.

Wage theories, the labor market, employment and training policy, the unemployment problem, the economic effect of collective bargaining, the labor movement, and labor law.

### **ECON 555 Economic Development of the Third World**

3 crs. • F • No S/U Grade Option • P: ECON 103 and ECON 104. • Department Consent Required

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

• Cross-listed with ECON 355. Credit may not be earned in both courses.

Analysis of the process of economic development in the less developed countries.

### **ECON 557 Women and Economic Development**

3 crs. • V • No S/U Grade Option • Department Consent Required

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

• Cross-listed with ECON 357 and WMNS 357/557. Credit may only be earned in one of these courses. No credit if taken after WMNS 480 in summer of 2001.

Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin America, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

### **ECON 695 Directed Studies**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with ECON 495.

Course projects will be structured to fit the needs, interests, and goals of the participants.

**ECON 703 Microeconomics Foundation**

1 cr. • F, Sp • Higher Cost Per Credit • No S/U Grade Option

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

• Not for MBA degree credit. No credit if taken after ECON 103.

Concentrated introduction to microeconomic theory for graduate students with previous business experience. Online course offered fall and spring plus some summers.

**ECON 704 Macroeconomics Foundation**

1 cr. • F, Sp • Higher Cost Per Credit • No S/U Grade Option

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

• Not for MBA degree credit. No credit if taken after ECON 104.

Concentrated introduction to macroeconomic theory for graduate students with previous business experience. Online course offered fall and spring plus some summers.

**ECON 710 Managerial Economics**

3 crs. • Sp • No S/U Grade Option • P: Limited to MBA students.

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

Presentation and analysis of modern decision-making models for managerial decisions relating to economic variables.

**ECON 745 Basic Economic Principles Applied to Current Problems**

3 crs. • Su • Field Trip(s) Required • No S/U Grade Option

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

• Teacher K-12

Workshop introduces teachers to application of economic theories to current economic issues.

**ECON 793 Directed Studies**

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required

**ECON 795 Research Paper**

1-2 crs. • May be repeated • PR Only Grade Basis • Department Consent Required

**ECON 797 Independent Study**

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required

**ECON 799 Thesis**

1-6 crs. • May be repeated for a maximum of 6 credits • PR Only Grade Basis • Department Consent Required

• Full-time equivalent.

**EDUCATION STUDIES**

Brewer 271

715-836-5846

[www.uwec.edu/ES](http://www.uwec.edu/ES)

**GRADUATE FACULTY**

Janet Amann, Ph.D. (Program Coordinator, Library Science)

Rosemary Battalio (Chair)

Melissa Bruce, Ph.D.

Aram deKoven, Ph.D.

Robert E. Hollon, Ph.D.

Yun Ting Hung, Ph.D.

Patricia A. Kleine, Ed.D.

Michael Kolis, Ed.D.

Carol Koroghlanian, Ph.D.

Incho Lee, Ph.D.

Susan R. McIntyre, Ph.D.

Deborah Pattee, Ed.D.

Jill Prushiek, Ph.D.

Eric D. Torres, Ph. D.

Jerry E. Worley, Ph.D.

**PROGRAMS**

**MST—Elementary Education**

For those engaged in elementary/middle school teaching or supervision, the graduate degree in elementary/middle education is designed to provide broad, practical, and up-to-date information about, and analysis of, educational issues. It offers the potential for guided research, curriculum development, and specialization in topics of interest to the student. Course offerings are constantly being reevaluated and refined to reflect contemporary aspects of methodology, theory, and knowledge in the field. In addition, new courses are being developed as appropriate.

The basic goal of the master degree program in elementary education is the development of competencies which will enable a teacher to operate more effectively in varying elementary/middle school instructional roles. More specifically, graduates of the MST program in elementary/middle education will be better equipped to serve as teachers in schools with various organizational designs. They can prepare for new roles as team leaders or as members of a team.

Requirements of the program include: (a) minimum of 30 semester credits in graduate courses, of which 15 credits must be in courses open only to graduate students (700 and higher), with over-

all GPA of 3.00; (b) ES 730 or 738, ES 788, and ES 740, only if the thesis option is chosen; (c) minimum of 15 semester credits in area of specialization (cluster of courses selected in consultation with adviser based on student's educational objectives); (d) minimum of six semester credits in Professional Education to include ES 730 or 738, and 788; (e) minimum of six semester credits of free electives (may be in area of specialization, professional education, or any other area); and (f) an approved degree program plan. The final project for all candidates is a choice of one of the following options: (1) a standard written comprehensive examination, (2) a take-home written comprehensive examination, (3) a portfolio, or (4) a scholarly paper/ research paper, or thesis. For all candidates, an oral examination must be successfully passed prior to graduation.

A teacher pursuing the MST in elementary education may specialize in many areas of the curriculum, such as science, mathematics, social sciences, language arts, theatre arts, and gifted and talented.

#### **MST—Reading**

Designed for secondary and elementary teachers, this program provides training in the teaching of reading leading to licensure as a Reading Teacher (Lic. 316) and Reading Specialist (Lic. 17) in the state of Wisconsin. A prerequisite for admission to the program is a Wisconsin teacher's license based upon the bachelor's degree.

The professional education component contains four specific requirements: an education research course, ES 788; a language development course, CSD 311/511; a learning disabilities course, Sped 330/530 or Sped 400/600 (for Elementary Education majors) or Sped 300/500 (for Secondary Education majors); and a children/adolescent literature course, Lmed 305/505 for Elementary Education majors or Lmed 306/506 for Secondary Education majors or Lmed 730 for either certification.

The area of specialization component requires: ES 705, 706, 726, 731, 746, 753, 765, and 768.

If the individual's program permits free electives, free electives may be chosen under the guidance of one's adviser. A minimum of 30 credits is required for the degree program. A portfolio is required for the 316 and 17 licenses by Wisconsin DPI. Therefore, the recommended final project for all MST-Reading candidates is a portfolio. For

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

#### **Master of Education—Professional Development**

The program assists participants in development of professional competencies in education. A specific concentration is available for library science and media education. Other emphases may be selected from combinations of the following: curriculum development techniques, instructional techniques and technology, human relations/communications, evaluation techniques, computer education, middle/junior high school education, research techniques, and educational foundations. Opportunity also is provided to strengthen competencies in a teaching content specialty.

In addition to meeting the general requirements for admission to the graduate school, applicants to the program must provide: (a) documented commitment to teaching or education-related profession (teaching certification, statement from supervisor, or equivalent); (b) a minimum of two years teaching experience or equivalent; (c) a resumé of career-related experiences; (d) a statement of professional aspirations and related needs; and (e) a proposed program of study, including a statement of purposes or goals reflecting needs and courses planned to achieve the purposes.

The program is offered by the Education Studies Department with assistance from other departments offering graduate study. Participants are assigned an adviser and a committee of at least two other graduate faculty members, including at least one member from a department other than Education Studies, is required to assist in planning and carrying out the program of study. The purpose of the advising procedure is to plan individually with participants and thereby devise a professional development program in accord with the individual's particular aspirations and goals. Applicants to the ME-PD program should note that this advising procedure, and therefore the entire admissions procedure, takes considerable time and should take this into account when submitting applications.

Requirements of the program include ES 788, Introduction to Educational Inquiry. The remainder of the 30 required minimum credits are to be selected from courses in the College of Education



## EDUCATION STUDIES

and Human Sciences and departments in other colleges offering supportive graduate courses, with a maximum of 12 credits in one teaching content specialty and a maximum of nine credits in Independent Study. At least one-half of the credits in the program must be in graduate only courses (700-level courses). Alternatives of research paper, thesis, or equivalent credits in courses are available. The final project for all candidates is a choice of one of the following options: (1) a standard written comprehensive examination, (2) a take-home written comprehensive examination, (3) a portfolio, or (4) a scholarly paper/research paper or thesis. For all candidates, an oral examination must be successfully passed prior to graduation.

### ADULT LEARNING CERTIFICATE (ONLINE)

Completion of the following 15 credits is required for the graduate Adult Learning Certificate. Six to eight week courses are offered throughout the year. For details, see the Education program section on the Continuing Education website, [www.uwec.edu/ce](http://www.uwec.edu/ce).

ES 776 Teaching Adult Learners	3 crs.
ES 778 Organizing Instruction for Adults	3 crs.
ES 779 Working Effectively with Adults	3 crs.
ES 780 Developing, Evaluating and Sustaining Collaborative Programs	3 crs.
ES 781 Developing and Assessing Programs for Adults	3 crs.

NOTE: Courses ES 776, ES 778, ES 779, ES 780, and ES 781 are part of the Adult Learner Certificate program. Students enrolled in a graduate degree program at UW-Eau Claire must seek prior approval from their adviser to take any of these courses, if planning to count these credits toward your degree.

### CERTIFICATION PROGRAM

#### Library Media 902 Professional License

Coursework for the 902 Professional Library Media Specialist license is completed after the bachelor's degree. The sequence, courses, and requirements leading to eligibility for state certification as a 902 Professional Library Media Specialist includes:

1. A student must be eligible for an initial level 902 Library Media Specialist license before undertaking coursework to meet the requirements as a 902 Professional Library Media Specialist.

2. Coursework for the 902 Professional Library Media Specialist license is made up of a minimum of 15 credits, and requires ALL of the following courses:

Lmed 608	Computers in Education: Online Communications and Information Retrieval	3 crs.
Lmed 650	Computers in Libraries/IMC	3 crs.
Lmed 760	Advanced Production of Instructional Media	3 crs.
Lmed 770	Administering District Media Programs	3 crs.
ES 734	Current Trends and Issues in Curriculum 1-12	3 crs.

3. Completion requires the preparation and oral defense of a professional portfolio.
4. A Master's Degree (or equivalent credits) is required for the 902 Professional Library Media Specialist license.

### COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from 300- and 400-level undergraduate courses. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level. Course restrictions listed are based on the undergraduate course. Questions regarding course restrictions for graduate students should be directed to the appropriate department office.

### ES

#### ES 501 General Education Literacy Instruction PK-8

3 crs. • F, Sp • No S/U Grade Option • P: Limited to special education majors admitted to College of Education and Human Sciences. SPED 301/501 must be taken concurrently with ES 301/501 and provides field experience in general education classrooms.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with ES 301. Credit may not be earned in both courses. SPED 301/501 must be taken concurrently with ES 301/501 and provides field experience in general education classrooms.

This course examines theories and strategies prevalent in general education practices designed to support children in all aspects of literacy development.

**ES 512 General Methods of Teaching**

2 crs. • F, Sp • No S/U Grade Option • P: Admission to program. Concurrent enrollment in ES 317/517, ES 318, ES 328/528, and a prescribed special methods course. • Department Consent Required

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

• Cross-listed with ES 312. Credit may not be earned in both courses. Admission to program. Concurrent enrollment in ES 318, 328/528, and a prescribed special methods course.

Introduces models of teaching; lesson and unit planning; direct and indirect methods of instruction; audiovisual, computer, and other educational technologies; managing classrooms; and evaluating and grading student learning.

**ES 516 Teaching Multicultural Literature in Grades K-12**

3 crs. • F • No S/U Grade Option • P: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Grade of C or above in ENGL 110 or equivalent; and grade of C or above in ENGL 150 or equivalent.

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

• Cross-listed with ES 316. Credit may not be earned in both courses.

This course examines what it means to have a multicultural perspective on the use of children's literature in the classroom and to use those understandings to design rigorous writing curricula for all grade levels.

**ES 517 Middle Level Methods and Curriculum**

2 crs. • F, Sp • Special Course Fee Required • No S/U Grade Option

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

• Cross-listed with ES 317. Credit may not be earned in both courses. Concurrent enrollment in ES 312, ES 318 or MUED 318, ES 328, and a prescribed methods course. Limited to teaching majors admitted to College of Education and Human Sciences.

Examination of teaching methods appropriate for middle level students and an analysis of philosophies and organizational schemes of the middle level curriculum.

**ES 528 Content Area Reading and Study Strategies**

2 crs. • F, Sp • No S/U Grade Option • P: PSYC 261 or CSD 370 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.

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

• Cross-listed with ES 328. Credit may not be earned in both courses.

Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.

**ES 533 Literacy Learning in Culturally and Linguistically Diverse Classrooms**

1 cr. • V • No S/U Grade Option • P: ES 212 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.

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

• Cross-listed with ES 333. Credit may not be earned in both courses.

Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.

**ES 538 Reading, Language, and Thinking**

3 crs. • F, Sp • No S/U Grade Option • P: ES 328/528, 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

• Cross-listed with ES 338. Credit may not be earned in both courses.

Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.

**ES 585 Social Foundations: Human Relations**

3 crs. • F, Wi, Sp, Su • Special Course Fee Required Varies by Term/Section • No S/U Grade Option

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

• Cross-listed with ES 385. Credit may not be earned in both courses. Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/585.

Students will examine cultural contributions of racial, ethnic, cultural, gender, and economic groups. They will also examine forces of discrimination and racism on individuals, society, and education and analyze practices that promote dignity, social justice, and equality.

**ES 605 Teaching English to Speakers of Other Languages**

3 crs. • F • No S/U Grade Option • 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

• Cross-listed with ES 405. Credit may not be earned in both courses.

Designed to help school teachers and others recognize the language difficulties of non-native speakers and teach effectively the sounds, basic structures, and vocabulary of English. Stresses development and use of practical techniques and materials based on second-language acquisition principles.

## EDUCATION STUDIES

### **ES 608 Methods of Teaching Content-Based ESL**

3 crs. • Sp • No S/U Grade Option • P: ES 405/605. Limited to TESOL minors.

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

• Cross-listed with ES 408. Credit may not be earned in both courses.

Future and current English as a Second Language (ESL), bilingual education, and content-area teachers learn how to modify mainstream course materials and instructional strategies so that English language learning students can engage in course content while simultaneously developing their new language.

### **ES 609 Teaching English as a Foreign Language Methods**

3 crs. • V • No S/U Grade Option • P: FLG 378

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

• Cross-listed with ES 409. Credit may not be earned in both courses. 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 610 Current Trends and Practices in Teaching Reading**

1 cr. • Su • May be repeated for a maximum of 3 credits • No S/U Grade Option • P: ES 305 or equivalent. Limited to teaching non-degree students.

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

• Cross-listed with ES 410.

Current issues and innovations in teaching reading. May be taken during three different summer sessions for a total of three credits applied toward certification and/or degree.

### **ES 611 Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design**

3 crs. • Sp, Su • Field Trip(s) Required; Special Course Fee Required Varies by Term/Section • No S/U Grade Option • P: ES 405/605. Limited to TESOL minors.

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

• Cross-listed with ES 411. Credit may not be earned in both courses.

Students will learn about bilingual language acquisition, appropriate instruction of bilingual children through grade-level subject matter, various program models, and methods of assessing bilingual students. Students will develop curricula to teach bilingually in content areas.

### **ES 613 Computers in Education: Multimedia Presentations**

1 cr. • V • No S/U Grade Option • P: ES 285 • Instructor Consent Required

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

• Cross-listed with ES 413. Credit may not be earned in both courses.

Develops skills in the design and production of computer based multimedia presentations that include animation, sound, hypermedia links, and digital images. Students produce and demonstrate the proper utilization of a multimedia material.

### **ES 615 Assessment and Evaluation in Grades 1-12**

2 crs. • F, Sp • No S/U Grade Option • P: ES 304 or ES 312/512. Limited to teaching majors admitted to College of Education and Human Sciences.

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

• Cross-listed with ES 415. Credit may not be earned in both courses.

Includes observational techniques, teacher-made devices, familiarity with standardized instruments and relative statistical concepts, alternative and performance-based assessments, and current national and state evaluation trends.

### **ES 636 Education of Girls and Women in the United States**

2 crs. • V • No S/U Grade Option

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

• Cross-listed with ES 436 and WMNS 436/636. Credit may only be earned in one of these courses. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their life-time.

### **ES 656 Understanding the Early Adolescent**

3 crs. • V • No S/U Grade Option • P: ES 203 or ES 212 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

• Cross-listed with ES 456. Credit may not be earned in both courses.

Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.

### **ES 657 Integrating Literacies into the Middle Grades Curriculum**

3 crs. • F, Sp • No S/U Grade Option • P: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences.

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

• Cross-listed with ES 457. Credit may not be earned in both courses.

Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.

### **ES 660 Reading and the Young Child**

3 crs. • Sp • No S/U Grade Option

• Cross-listed with ES 460. Credit may not be earned in both courses.

This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.



**ES 663 Practicum in Elementary/ Developmental Literacy Grades 1-5**

1 cr. • V • A-F Grades Only • Department Consent Required

Lecture/Discussion Hours: 0.5 | Lab/Studio Hours: 1.5  
• Cross-listed with ES 463. Credit may not be earned in both courses.

Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.

**ES 664 Practicum in Content Area Reading**

1 cr. • F • CP • No S/U Grade Option

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 1  
• Cross-listed with ES 464. Credit may not be earned in both courses. This course must be taken concurrently or after a course in content area reading.

Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.

**ES 673 Legal Aspects of Teaching**

3 crs. • V • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with ES 473. Credit may not be earned in both courses.

Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

**ES 676 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12**

3 crs. • V • No S/U Grade Option • 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  
• Cross-listed with ES 476. Credit may not be earned in both courses.

Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

**ES 677 Computers in Education: Instructional Applications**

3 crs. • V • Field Trip(s) Required • No S/U Grade Option • P: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2  
• Cross-listed with ES 477. Credit may not be earned in both courses.

An introduction to current thinking and research related to computers in education. Students will formulate a plan for use of computers, evaluate existing programs, and develop a hypertext/media application.

**ES 685 Field Studies of Minority Groups**

3 crs. • V • No S/U Grade Option • P: ES 385/585 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with ES 485. Credit may not be earned in both courses.

A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available.

**ES 690 Historical, Legal, and Philosophical Foundations of Education**

3 crs. • F, Wi, Sp, Su • No S/U Grade Option • P: ES 385/585

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with ES 490. Credit may not be earned in both courses. Graduate students may also enroll.

The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education.

**ES 693 International Experience in Education**

1-8 crs. • F, Sp, Su • No S/U Grade Option • Department Consent Required

• Cross-listed with ES 493. Completion of methods practicum or teaching license.

Allows students to study some aspects of education in another country. Experiences may involve teaching, survey of curriculum, methodology, trends and/or study tour of education facilities. Experience must be approved by department chair.

**ES 695 Directed Studies in Education**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option

• Cross-listed with ES 495. Arranged by department in response to need.

Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses.

### **ES 697 Field Experience Seminar**

1 cr. • F, Sp • CP • No S/U Grade Option

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

• Cross-listed with ES 497. Credit may not be earned in both courses. Admission to professional semester and recommendation of ES department. Required for elementary education MCEA (Middle Childhood through Early Adolescence), secondary education ECA (Early Childhood through Adolescence), and secondary education EAA (Early Adolescence through Adolescence) education majors.

A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/internship. Preparation for the materials and competencies required for the job search is highlighted.

### **ES 705 Literacy Assessment**

3 crs. • V • No S/U Grade Option • P: CSD 311/511; ES 328/528; SPED 300/500 or 330/530 or 400/600; or equivalent for each or consent of instructor.

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

Teachers will examine assessment methods for reading and writing, conduct assessments, and analyze data to inform instructional decisions. Issues of literacy assessment will be explored. Work outside of class with a student is required.

### **ES 706 Practicum in Literacy**

1 cr. • F, Sp • No S/U Grade Option • P: ES 705 or consent of instructor.

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

Using assessment methods learned in ES 705, teachers work on multidisciplinary teams to assess a client and make instructional recommendations. Teachers discuss issues of each case and review and share research related to their case.

### **ES 710 Children and Youth at Risk**

2 crs. • V • No S/U Grade Option

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

Describes what factors put children/youth at risk: topics include resiliency and thrival theories, causes and conditions, and emotional well-being issues in the context of public schools and communities.

### **ES 712 Social Foundations of Education**

3 crs. • V • No S/U Grade Option

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

The purpose of this course is to help students develop into educators who critically examine the political, social, economic, ideological, and cultural landscape in which they will teach.

### **ES 720 Philosophical Foundations of Education**

3 crs. • V • No S/U Grade Option

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

This course will survey philosophical thought foundational to educational theory and practice. The course is intended for graduate students who want an interdisciplinary approach to understanding the role and structure of the American education system.

### **ES 721 Teacher Reflection and Evaluation**

1 cr. • V • No S/U Grade Option

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

Designed to assist educators in examining their teaching through reflective practice. Participants will explore and apply multiple ways of reflecting and evaluating their teaching from peer assistance to self-evaluations, student interviews, and teaching portfolios.

### **ES 725 Mathematics Curriculum, Instruction, and Evaluation in Grades 1-12**

3 crs. • V • No S/U Grade Option • P: ES 306 or 357 or consent of instructor.

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

A survey of current trends and issues related to mathematics teaching and learning in elementary through high school. Contemporary instructional procedures, curricula and assessment methods will be examined. Technology integration will be infused.

### **ES 726 Issues of Critical Literacy in Grades K-12**

3 crs. • F odd years • No S/U Grade Option • P: ES 305, ES 328/ES 528 or ES 753.

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

A major thrust of this course will be on the social, cultural, and political dimensions of literacy education in grades K-12.

### **ES 730 Comparative Education**

3 crs. • V • No S/U Grade Option

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

Theory, structure, and organization of education. Examines education in selected countries of Europe, South America, Near East, Middle East, and Far East.

### **ES 731 Administration and Leadership in Reading Instruction**

3 crs. • V • No S/U Grade Option • P: ES 305 or ES 726, ES 705, ES 706, and ES 753.

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

Provides the prospective Reading Specialist with coaching models, study of reading program reform and home, school and community partnerships. Examines leadership strategies to administer and promote the K-12 district reading instruction and assessment program.

### **ES 732 Social Studies Curriculum and Instruction in Grades 1-12**

3 crs. • V • No S/U Grade Option

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

Analysis of trends, issues, materials, and practices in Social Studies education.

### **ES 733 Science Curriculum and Instruction in Grades 1-12**

3 crs. • V • No S/U Grade Option • P: ES 308 or consent of instructor.

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

Advanced study of contemporary curriculum models and strategies for teaching science. Investigates current issues affecting 1-12 science teaching.

**ES 734 Current Trends and Issues in Curriculum 1-12**

3 crs. • V • No S/U Grade Option

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

Organizing elements, current issues, innovations, and trends in curriculum for grades 1-12.

**ES 738 Curriculum Theory and Development in Modern Society**

3 crs. • V • No S/U Grade Option

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

Intended for classroom teachers and others who have curriculum development responsibilities; systematic procedures for developing complete courses or units of instruction.

**ES 740 Introduction to Educational Research**

3 crs. • F • No S/U Grade Option

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

Survey of research procedures and techniques and their interpretation; critical examination and interpretation of the research literature on teaching.

**ES 742 Advanced Topics in Teaching**

1-3 crs. • V • May be repeated • No S/U Grade Option

A collection of one-credit courses, varying in scope and in degree of emphasis on educational issues and/or practices, designed to provide continued study of topics related to professional issues and professional performance.

**ES 743 Instructional Supervision Theory**

3 crs. • F, Sp, Su • No S/U Grade Option • Instructor Consent Required

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

A theory based course designed to develop the competence of those preparing to supervise teacher education students. Fees may be waived if the cooperating teacher, team leader, or administrator is serving the UW-Eau Claire teacher education program.

**ES 744 Advanced Practica and Topics in Supervision**

1 cr. • F, Sp • May be repeated for a maximum of 3 credits • No S/U Grade Option • P: ES 743 or supervision course.

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

• Current involvement in supervision.  
A practicum based course designed to enhance and refine the supervisory skills of cooperating teachers supervising teacher education students. Fees may be waived if the cooperating teacher is serving the UW-Eau Claire teacher education program.

**ES 745 Language Arts Curriculum and Instruction in Grades 1-8**

3 crs. • V • No S/U Grade Option

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

Materials, procedures, and organization of elementary and middle school language arts. For teachers, supervisors, and administrators in elementary and middle schools.

**ES 746 Literacy Learning in Culturally and Linguistically Diverse Classrooms**

3 crs. • V • A-F Grades Only

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

Addresses socio-cultural, pedagogical, and instructional issues related to CLD learners' literacy development with focus on the study of second language teaching approaches (instructional, curricular, and behavioral strategies) applicable for K-12 learning environments.

**ES 753 Facilitating Literacy Across the Curriculum**

3 crs. • V • No S/U Grade Option

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

Rationale and methods for determining and meeting the needs and abilities of middle level, secondary, and post-secondary students to read text in content areas.

**ES 755 Interpersonal Effectiveness in the School Environment**

3 crs. • V • No S/U Grade Option

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

Designed to help participants develop abilities to act in concert with teachers in a team environment. Includes a study of current literature and techniques in the inter-department team relationships. Emphasis is on simulations of stress situations in which participants diagnose the causes and explore solution techniques.

**ES 760 Administrative Leadership**

3 crs. • V • No S/U Grade Option

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

A study of selected theories and research relating to individual and group behaviors in K-12 educational organizations with emphasis on the characteristics of educational leadership including participatory management, long range strategic planning and change agent processes. Particular emphasis is given to human relations skills as well as oral and written communication skills needed by public school leaders.

**ES 765 University of Wisconsin-Reading Symposium**

1 cr. • Su • May be repeated • No S/U Grade Option • Instructor Consent Required

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

• Held off-site in Milwaukee, Appleton, or Madison

This two day June symposium features nationally recognized speakers who address recent advances and issues in K-12 reading research. Strategies and practices to enhance classroom instruction are provided.

**ES 768 Seminar in Reading**

3 crs. • Su • No S/U Grade Option • P: ES 706 or ES 740 or ES 788.

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

Content determined by both professor and students. Multiple topics for consideration presented by instructor. Each class member is required to be familiar with all topics and to investigate one in considerable depth.



## EDUCATION STUDIES

### **ES 770 School Law**

3 crs. • V • No S/U Grade Option

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

Study of the legal system, Wisconsin Statutes relating to schools, federally mandated programs, teacher and student freedoms and responsibilities, and case law related to the foregoing.

### **ES 771 Cooperative Learning and Grouping in the Classroom**

3 crs. • F • No S/U Grade Option

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

The operation of schools and classrooms and the organization of curriculum and instruction are examined from group perspectives. Cooperative learning and other strategies for using small groups in classrooms.

### **ES 772 Seminar in Elementary and Middle Level Education**

1-3 crs. • V • May be repeated • No S/U Grade Option • Instructor Consent Required

An intensive study of selected topics in elementary and middle level education. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

### **ES 774 Evaluation of Learner Achievement**

3 crs. • V • No S/U Grade Option

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

Includes instruction objectives, improving teacher evaluation devices, selecting standardized tests, analyzing and interpreting test scores, norms and profiles, and review of current literature.

### **ES 776 Teaching Adult Learners**

3 crs. • Sp odd years • No S/U Grade Option

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

Examines the nature and needs of adult learners, approaches to adult learning programs, methods for instructing and evaluating adult learners, as well as trends and projections in adult education.

### **ES 777 Program Evaluation**

3 crs. • V • No S/U Grade Option

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

The development of competency in designing, implementing, reporting, and assessing a plan to evaluate academic and nonacademic educational programs.

### **ES 778 Organizing Instruction for Adult Learners**

3 crs. • V • Special Course Fee Required Varies by Term/Section • No S/U Grade Option

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

A dynamic model for planning instruction for adults includes collaboration, backwards design, motivation, needs analysis, assessment/evaluation and differentiation. Targeted for those who spend all or part of their time developing programs for adults.

### **ES 779 Working Effectively with Adults**

3 crs. • V • Special Course Fee Required Varies by Term/Section • No S/U Grade Option

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

Working effectively with adults requires a comprehensive set of verbal skills (listening, empathizing and clarifying), an action orientation towards true commitment and a willingness towards seeing reality from different points of view.

### **ES 780 Developing, Evaluating and Sustaining Collaborative Programs**

3 crs. • V • Special Course Fee Required Varies by Term/Section • No S/U Grade Option

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

Adult learning experiences are strengthened when designers, administrators, and participants collaboratively plan to construct, evaluate, and sustain programs. This course prepares participants to implement collaborative program design and evaluation processes for new or existing programs.

### **ES 781 Developing and Assessing Programs for Adults**

3 crs. • V • No S/U Grade Option • P: ES 776, 778, 779, 780.

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

Requires learners to re-design a course/program for adult learners in a professional setting of implementation quality, grounded in research and practice. A capstone course for the Certificate in Adult Learning.

### **ES 782 Policy, Polity, and Politics of Educational Assessment**

3 crs. • Sp, Su • No S/U Grade Option

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

• Undergraduate course in assessment, or instructor consent.

This course explores current federal and state public policy, its political assumptions, its social pretensions, and its pedagogical implications. Generates a space to critically develop instruments that are consistent with critical pedagogies.

### **ES 783 Critical Examination of Diversity, Education and Society**

3 crs. • F • No S/U Grade Option

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

Students will examine, analyze, and reflect on social, political, economic, and cultural practices of oppression, discrimination, racism, sexism, heterosexism, linguisticism, and classism in relation to educational inequity.

### **ES 784 Contemporary Issues in Education Policy**

3 crs. • F • No S/U Grade Option

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

This course critically examines the impact of intersecting systems on U.S. education policy. These systems will be discussed in terms of relationships between social, political, historical, and economic factors that impact contexts of public education.

**ES 785 Issues in Middle Grade Teaching**

3 crs. • F • No S/U Grade Option

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

An examination of issues facing middle grade teachers including needs of students, self concept, organization, curriculum, grading/reporting, and student activities.

**ES 788 Introduction to Educational Inquiry**

3 crs. • F, Su • No S/U Grade Option

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

• Admission to Master of Education—Professional Development or Master of Science in Teaching Degree Program.

Study of educational inquiry and research methodologies. Intended to increase student's ability to critically read and synthesize the products of educational inquiry, to conceptualize and conduct a clear, disciplined inquiry into a topic.

**ES 794 Scholarly Paper**

1-2 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 2 credits • S/U Only Grade Basis • Department Consent Required

• Permission of scholarly paper adviser.

Selection and implementation of the scholarship/research process with guidance from an Education Studies graduate adviser. Culminates in a paper and an oral presentation.

**ES 795 Research Paper**

1-2 crs. • F, Sp, Su • May be repeated • PR Only Grade Basis

**ES 796 Directed Studies**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option

A group may investigate common problems.

**ES 797 Independent Study**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Department Consent Required

**ES 798 Graduation Only**

1 cr. • F, Sp, Su • May be repeated • PR Only Grade Basis

**ES 799 Thesis**

1-6 crs. • F, Sp, Su • May be repeated • PR Only Grade Basis

• Full-time equivalent

**Lmed****LMED 505 Children's Literature**

3 crs. • F, Sp, Su • No S/U Grade Option • P: Limited to teaching majors and library science minors.

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

• Cross-listed with LMED 305. Credit may not be earned in both courses.

Survey of literature for children in both print and nonprint formats.

**LMED 506 Literature For Adolescents**

3 crs. • F, Sp • Field Trip(s) Required • No S/U Grade Option

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

• Cross-listed with LMED 306. Credit may not be earned in both courses.

Study of literature for young people—middle and high school ages—with emphasis on trends and issues, development of the adolescent novel, genres, author profiles, and reading promotional tools.

**LMED 510 Developing Media Collections**

3 crs. • F • No S/U Grade Option

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

• Cross-listed with LMED 310. Credit may not be earned in both courses.

Selecting and evaluating library and audiovisual materials.

**LMED 512 Reference and Information Services**

3 crs. • F • Field Trip(s) Required • No S/U Grade Option

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

• Cross-listed with LMED 312. Credit may not be earned in both courses.

Theory and practice of reference with emphasis on providing information and related services to individuals and communities.

**LMED 516 Organizing Media**

3 crs. • Sp • Field Trip(s) Required • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 1

• Cross-listed with LMED 316. Credit may not be earned in both courses.

Theory and practice of cataloging and classifying print and non-print information resources.

**LMED 582 Producing Instructional Media**

3 crs. • Sp • No S/U Grade Option • P: ES 380 or consent of instructor. Limited to teaching majors admitted to the College of Education and Human Sciences and library science minors.

• Cross-listed with LMED 382. Credit may not be earned in both courses.

Planning and producing audio, computer, graphic, photographic, and video instructional materials.

**LMED 608 Computers in Education: Online Communications and Information Retrieval**

3 crs. • V • No S/U Grade Option • P: ES 285 or consent of instructor. • Instructor Consent Required

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

• Cross-listed with LMED 408. Credit may not be earned in both courses.

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.

## EDUCATION STUDIES

### **LMED 630 Public Library Administration**

3 crs. • Sp • *Field Trip(s) Required* • No S/U Grade Option • P: LMED 310/LMED 510 or LMED 312/LMED 512 or LMED 316/LMED 516 or consent of instructor.

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

• Cross-listed with LMED 430. Credit may not be earned in both courses.

Operation and management principles for public libraries.

### **LMED 632 Administering School Media Programs**

3 crs. • Sp • *Field Trip(s) Required* • No S/U Grade Option • P: LMED 310/LMED 510 or LMED 312/LMED 512 or LMED 316/LMED 516 or consent of instructor.

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

• Cross-listed with LMED 432. Credit may not be earned in both courses.

Operation and management principles of school library media programs.

### **LMED 650 Computers in Libraries/IMCs**

1-3 crs. • V • *Field Trip(s) Required* • May be repeated • No S/U Grade Option

• Cross-listed with LMED 450. Credit may not be earned in both courses.

An introduction to the use of computers for instruction, record-keeping, and information retrieval.

### **LMED 661 Field Experience: Elementary Media Center**

3 crs. • F, Sp • No S/U Grade Option • P: 21 crs. LMED certificate sequence. • *Instructor Consent Required*

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

• Cross-listed with LMED 461. Credit may not be earned in both courses.

Observation and practice in an elementary school library or media center.

### **LMED 662 Field Experience: Secondary Media Center**

3 crs. • F, Sp • No S/U Grade Option • P: 21 crs. LMED certificate sequence. • *Instructor Consent Required*

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

• Cross-listed with LMED 462. Credit may not be earned in both courses.

Observation and practice in a secondary school library or media center.

### **LMED 666 Internship: Elementary Media Center**

3 crs. • F, Sp • IN; *Special Course Fee Required* • No S/U Grade Option • P: 21 crs. LMED certificate sequence. • *Department Consent Required*

• Cross-listed with LMED 466. Credit may not be earned in both courses.

A paid supervised practicum that is contingent upon the availability of a position.

### **LMED 667 Internship: Secondary Media Center**

3 crs. • F, Sp • IN; *Special Course Fee Required* • No S/U Grade Option • *Department Consent Required*

• Cross-listed with LMED 467. Credit may not be earned in both courses.

A paid supervised practicum that is contingent upon the availability of a position.

### **LMED 695 Directed Study**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option

• Cross-listed with LMED 495. Arranged by department in response to need.

Group study, under the immediate direction of a Library Science and Media Education faculty member, of a defined problem not covered in existing courses.

### **LMED 710 Seminar in Children's Literature**

1-3 crs. • V • *Field Trip(s) Required* • May be repeated • No S/U Grade Option • P: *Introductory course or consent of instructor*

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

Reading, discussing, and evaluating contemporary literature for children; analyzing trends and issues.

### **LMED 720 Seminar in Literature for the Young Adult**

1-3 crs. • V • *Field Trip(s) Required* • May be repeated • No S/U Grade Option • P: *Introductory course or consent of instructor*

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

Reading, discussing, and evaluating contemporary literature for young adults; analyzing trends and issues.

### **LMED 730 Trends and Issues in Literature: K-12**

3 crs. • Su • No S/U Grade Option

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

Reading, discussing, and evaluating contemporary literature for children and young adults; analyzing trends and issues.





### **LMED 760 Advanced Production of Instructional Media**

3 crs. • Su • No S/U Grade Option • P: LMED 382/582 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Instructional design and advanced techniques for the production of graphic, photographic, video, and computer-generated media.

### **LMED 770 Administering District Media Programs**

3 crs. • F • Field Trip(s) Required • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Organization and management principles for district library media programs.

### **LMED 790 Current Issues in Supervising Media Programs**

1-3 crs. • V • Field Trip(s) Required • May be repeated • No S/U Grade Option  
• Eligibility for certification as an Instructional Library Media Specialist (902).

Planning, implementing, and supervising media programs.

### **LMED 796 Directed Study**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Instructor Consent Required

A group may investigate problems common to libraries and media centers.

### **LMED 797 Independent Study**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Department Consent Required



## **ENGLISH**

Hibbard 405

715-836-2639

[www.uwec.edu/english](http://www.uwec.edu/english)

### **GRADUATE FACULTY**

Carey Applegate, Ph.D.

Debra K. S. Barker, Ph.D.

Alan Benson, Ph.D.

Erica Benson, Ph.D.

Jack Bushnell, Ph.D.

Ruth Cronje, Ph.D.

Bernard Duyfhuizen, Ph.D.

Michael Faris, Ph.D.

Audrey Fessler, Ph.D.

Max Garland, M.F.A.

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

David Jones, Ph.D.

Theresa Kemp, Ph.D.

Allyson Loomis, M.F.A.

Jonathan Loomis, M.F.A.

Carmen Manning, Ph.D. (Chair)

Robert Nowlan, Ph.D.

Tess O. Onwueme, Ph.D.

Joel Pace, Ph.D.

Cathy Rex, Ph.D.

Asha Sen, Ph.D.

Jennifer Shaddock, Ph.D.

David Shih, Ph.D.

Jan Stirm, Ph.D.

Stacy Thompson, Ph.D.

Stephanie Turner, Ph.D.

Shevaun Watson, Ph.D.

Blake Westerlund, Ph.D.

Lynsey Wolter, Ph.D.

Marty Wood, Ph.D.

### **QUALIFICATIONS FOR ADMISSION TO DEGREE PROGRAMS IN ENGLISH**

1. A bachelor's degree with a minimum of 24 semester credits of undergraduate English.
2. A GPA of 3.00 overall (or 3.15 in the second half of all undergraduate work) and 3.25 in English coursework.
3. A letter of intent from prospective student in which the student explains his or her academic and career goals and expectations.
4. A writing sample, such as an undergraduate research paper, which represents the student's best work.

## ENGLISH

NOTE 1: The English Department may consider admission of an applicant whose English GPA is no less than 3.00 and/or whose other qualifications do not meet all those specified above where there is convincing evidence that he or she is capable of performing satisfactory graduate work in the department. Admission under these circumstances is conditional. Completion of six credit hours of graduate work with a grade of B or above in each course and removal of all deficiencies will lead to full standing.

NOTE 2: Course deficiencies may be completed after admission if approved by the English Graduate Executive Committee. These course deficiencies must be completed in addition to the minimum credit hours required for the degree.

NOTE 3: The English Department encourages students to find a mentor in the university to help with the application process.

### PROGRAMS

#### MA—English: Literature and Textual Interpretation

Designed for persons who plan to teach in high school or in college, to pursue careers requiring a high level of communication skills, or to pursue further graduate work in English or related fields, the English Department's MA—English: Literature and Textual Interpretation program offers courses in literature, theory, film, technical and creative writing, pedagogy, and linguistics. Advanced courses in literature and film emphasize textual interpretation from a variety of theoretical perspectives and provide practical training in literary and film research and criticism. Other advanced courses focus on theories of pedagogy, writing, and language.

The applicant must have a baccalaureate degree with a minimum of 24 semester credits of English. Any deficiency in credits must be made up at the undergraduate level. After admission to the program, the student must complete a minimum of 27-30 semester credits in graduate course offerings (all but three credits must be in English), including six credits of required core course offerings: Engl 711 Critical Thinking, Reading, and Writing and Engl 715 Critical Theory and English Studies. At least nine of the additional credits in English must come from 700-level literature umbrella courses, with three different umbrellas represented. (Course umbrellas that may count toward 700-level literature requirements include: Engl 733, 743, 753, 769, 779, and 789). The program may include no more than three semester

credits of either independent or directed study courses. Independent and directed study credits must be approved in advance by the English Graduate Director. A 3.00 GPA in all graduate work is required.

#### MA—English: Writing

Designed for persons who plan to teach in high school or in college, to pursue careers requiring a high level of communication skills, or to pursue further graduate work in English or in related fields, the English Department's MA—English: Writing program offers courses in literature, theory, film, creative and technical writing, pedagogy and linguistics. Advanced workshops in prose and poetry writing emphasize professional production in literary genres. Other advanced courses focus on theories of composition pedagogy, scientific and technical writing, literature and language.

The applicant must have a baccalaureate degree with a minimum of 24 semester credits of English. Any deficiency of credits must be made up at the undergraduate level. After admission to the program, the student must complete a minimum of 27 semester credits in graduate course offerings (all but three must be in English), including six credits of required core course offerings: Engl 711 Critical Thinking, Reading, and Writing and Engl 715 Critical Theory and English Studies. Twelve to fifteen additional credits must come from graduate-level writing/language courses, including six credits from 700-level writing/language umbrella course offerings. In addition, students must take six credits of graduate-level literature courses, with three of those credits coming from 700-level literature umbrella courses. (Course umbrellas that may count toward 700-level writing/language requirements include: Engl 721, 723, 724, and 727). The program may include no more than three semester credits of independent or directed study courses. Independent and directed study credits must be approved in advance by the English Graduate Director. A 3.00 GPA in all graduate work is required.

#### MST—English

Designed for persons certified to teach English, the MST program offers courses in literature; theory; film; technical and creative writing; pedagogy; and linguistics. Advanced courses in

literature and film emphasize textual interpretation viewed from a variety of theoretical perspectives and provide practical training in literary and film research and criticism. Other advanced courses focus on theories of pedagogy, writing, and language.

The applicant must have a baccalaureate degree with a minimum of 24 semester credits of English. Any deficiency in credits must be made up at the undergraduate level. After admission to the program, the student must take from 12 to 18 semester credits in English graduate offerings, including six credits of required core course offerings: Engl 711 Critical Thinking, Reading, and Writing and Engl 715 Critical Theory and English Studies. In addition, students must take nine semester credits in Professional Education Offerings; and up to six semester credits of Free Electives, depending on how many English credits are needed (any Free Elective may be taken in English). At least half of the credits in English must be in 700-level courses, excluding Engl 796, 797, 799. (NOTE: At least 15 credits in the student's entire MST program must be at the 700-level.) The program may include no more than three semester credits of either independent or directed study courses. Independent and directed study credits must be approved in advance by the English Graduate Director. A 3.00 GPA in all graduate work is required. (See the Master of Science in Teaching Degree Program description for further information.) Students need a minimum of 42 semester credits in English (including undergraduate credits).

## THESIS OPTIONS

In order to best meet the diverse needs of master's degree students, four thesis options are available within the program.

### *Critical Interpretive Thesis (six crs.):*

The traditional critical interpretive thesis is an option for all graduate students. The critical thesis will consist of an argument of approximately 60 pages that the student will complete under the guidance of a committee of two English department graduate faculty members and one outside graduate faculty member in a related field, and which the student will defend in an oral exam. Writing the thesis provides experience in designing and executing a sustained research-based writing project that requires effective independent research, writing, and revision.

Students will demonstrate knowledge of the field by including a literature review appropriate to the project and a sustained, theoretically informed main argument. The project increases the student's depth of knowledge in a chosen area of inquiry within English Studies.

### *Scholarly Publishable Paper (three crs.):*

An alternative option for the exceptional student in the MA—English: Literature and Textual Interpretation or the MST programs is the scholarly publishable paper. A student may, with the approval of the Director of Graduate English and an English graduate faculty member, produce a scholarly paper of publishable caliber. The publishable paper will typically originate from a writing project completed in a graduate seminar course or an independent study experience. It will consist of an advanced work of textual criticism of approximately 25-30 pages that the student will complete under the guidance of two English department graduate faculty members and one outside graduate faculty member in a related field, and which the student will defend in an oral exam. The project will include an explicit and compelling, if brief, argument for the contribution the article will make to prevailing disciplinary conversations. The paper will make a rhetorically sophisticated and theoretically informed argument. The project will demonstrate that the student has achieved familiarity with the audience expectations of relevant publications. This work must be submitted to a peer-reviewed publication to qualify as completed. This option will give students experience in preparing the kind of publication they will be expected to produce as practicing scholars in literary criticism, including the research and argumentation skills necessary to produce a rigorous and compelling textual analysis.

Students writing a publishable paper to complete their degree must take a minimum of 30 course credits in addition to three thesis credits.

### *Creative Thesis (six crs.):*

A student enrolled in the MA—English: Writing program may offer six credits of creative work consisting of a minimum of 30 pages of original poetry or 75 pages of original prose or drama to complete the program. These creative theses, which must include an introduction, will



demonstrate a student's ability to produce work of a publishable caliber. In order to be eligible for this option, students must acquire the approval of two members from the creative writing graduate faculty or, as appropriate to the project, the approval of one graduate faculty member from science and technical writing and one graduate faculty member from creative writing. The student will work under the guidance of a committee of two English department graduate faculty members and one outside graduate faculty member in a related field and will defend the thesis in an oral exam.

*Pedagogy Paper (three crs.):*

Students in our MA or MST programs who are currently working in the field as middle or high school teachers may use this option to explore a teaching question related to textual analysis and/or production in English that has emerged from their graduate studies. The project will consist of a paper of approximately 25-30 pages intended for other practitioners in the field, which the student will complete under the guidance of one specialist in English Education, one English department faculty member who is not in English Education, and one outside faculty member in a field related to the study, and which the student will defend in an oral exam. The study will bring contemporary practices of textual analysis and/or production to bear on classroom practice, and it must include a review of literature that theoretically informs the research question and justifies the selected mode of inquiry. This option will provide middle and high school teachers a bridge from the study of textual analysis and/or production to classroom practice.

Students writing a pedagogy paper to complete their degree must take a minimum of 30 course credits in addition to three thesis credits.

## COURSES

Students who have taken a course at the 300- or 400-level may not include that course at the 500- or 600-level in a graduate program, except in the cases of creative writing workshops and special topics courses when the topic is not the same as that taken at the undergraduate level. Questions regarding course restrictions for graduate students should be directed to the appropriate department office.

A significant contribution above and beyond that of the undergraduate students will be expected of all graduate students enrolled in 500- and 600-level courses.

Whenever possible, the instructor should meet with all enrolled graduate students to explain this requirement and consult with the students as to what specific form this requirement will take.

Graduate students, upon consultation with the instructor, may be required to do up to 50 percent more reading and/or writing than undergraduate students.

Graduate students, upon consultation with the instructor, may also be asked, either in place of or in addition to the above requirements, to participate in research, class presentations, or other special projects.

Graduate credit may be earned in each of the following modes:

*Traditional Classroom Setting.* This mode includes double-numbered courses on the 500-600 level, seminars or courses on the 700 level, and coursework earned in areas outside English.

*Tutorially Supervised Study.* Tutorials are available in any of the topical areas identified under seminar and course headings at the 700 level, with the exception of English 711 and 715, when they are not offered as classroom courses. Before registering in a tutorial, students must apply to an instructor who specializes in the area to be studied and receive his/her permission. Tutorial Contract forms, along with a list of specific courses, are available through the English department office. Tutorials may be used for no more than six credit hours.

*Individual Research.* This mode includes Engl 796, Directed Studies; Engl 797, Independent Study; and Engl 799, Thesis.

## Course Scheduling.

A tentative schedule of 700-level offerings for 2013-2015 includes:

2013-2014: 711, 715, 721, 743, 753, 779

2014-2015: 711, 715, 721, 723, 769, 789

Enrollment in 700-level courses requires admission to the program or the consent of the graduate director.

To help students with their degree planning, the department provides a tentative semester-by-semester course list and a summer course list.

Prior to each semester's registration, the Graduate Director provides more detailed descriptions of upcoming offerings. These are available on the Web and in the department office.

## ENGL

### ENGL 502 Teaching Writing in the Elementary and Middle School

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with ENGL 302. Credit may not be earned in both courses.

Writing intensive course focused on writing theory and pedagogy in the elementary and middle school. Students will develop their writing skills as well as learn to support writing development of children in a writing workshop.

### ENGL 505 Communicating Scientific Subjects to General Audiences

3 crs. • V • No S/U Grade Option

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

• Cross-listed with ENGL 305. Credit may not be earned in both courses.

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 507 Editing and Publications Management

3 crs. • Sp • No S/U Grade Option • P: ENGL 305/ENGL 505 or ENGL 308/ENGL 508 or concurrent enrollment, or consent of instructor.

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

• Cross-listed with ENGL 307. Credit may not be earned in both courses.

Copyediting and substantive editing of text and art. Addresses use of style guides and stylesheets, editor/author rapport, document design, indexing, and the publication process. Flexible strategies that consider conventions, cognition, and rhetorical situation.

### ENGL 508 Scientific Communication for Expert Audiences

3 crs. • V • No S/U Grade Option • Instructor Consent Required

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

• Cross-listed with ENGL 308. Credit may not be earned in both courses.

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 521 Topics in the Structure of English

3 crs. • F • May be repeated for a maximum of 9 credits • No S/U Grade Option • Instructor Consent Required

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

• Cross-listed with ENGL 321. See current Class Schedule for specific theme or topic.

Explores the inner workings of the English language. Specific course offerings will involve one or more areas of language structure: phonology, morphology, syntax, semantics, pragmatics.

### ENGL 525 History of the English Language

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with ENGL 325. Credit may not be earned in both courses.

Development from Old to Modern English; introduction to comparative and historical linguistics.

### ENGL 581 Topics in Film, Video, and Moving-Image Culture

4 crs. • V • May be repeated for a maximum of 8 credits • No S/U Grade Option

Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 3.5

• Cross-listed with ENGL 381. See current Class Schedule for specific theme or topic. Field trip(s) optional.

Advanced introduction to the critical study of diverse topics in the theory, history, art, and politics of film, video, and moving-image culture. Examples: The Art and Politics of Representation, Pleasure and Performance, Expressionism and Surrealism.

### ENGL 591 Travel Seminar

1-3 crs. • V • No S/U Grade Option

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

• Cross-listed with ENGL 391. See current Class Schedule for specific theme or topic. Course offered only when sufficient enrollment has been recruited, may be offered in cooperation with UW-Extension.

Study 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 595 Directed Studies

1-3 crs. • F, Sp • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with ENGL 395. The English graduate program may include no more than three semester credits of either independent or directed study courses. Independent and directed study courses must be approved in advance by the English Graduate Director.

Study of a problem or special area in language or literature.

### **ENGL 609 Grant Proposal Writing**

3 crs. • *F even years* • *No S/U Grade Option* • *Instructor Consent Required*

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

• Cross-listed with ENGL 409. Credit may not be earned in both courses.

Students will gain knowledge of various grant proposal forms (government, corporate, foundation), with emphasis on conceptualizing, developing, and writing proposals for real clients. Each student will complete an individual and a collaborative proposal.

### **ENGL 610 Creative Writing Workshop - Poetry**

3 crs. • *F* • *May be repeated for a maximum of 6 credits* • *No S/U Grade Option* • *Instructor Consent Required*

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

• Cross-listed with ENGL 410. May be repeated only with permission of the instructor.

Special emphasis on class discussion and personal conferences for advanced writers of poetry.

### **ENGL 611 Creative Writing Workshop - Fiction**

3 crs. • *F, Sp* • *May be repeated for a maximum of 6 credits* • *No S/U Grade Option* • *Instructor Consent Required*

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

• Cross-listed with ENGL 411. May be repeated only with permission of the instructor.

Special emphasis on class discussion and personal conferences for advanced writers of fiction.

### **ENGL 612 Seminar in Nonfiction Writing**

3 crs. • *Sp* • *May be repeated for a maximum of 6 credits* • *No S/U Grade Option* • *Instructor Consent Required*

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

• Cross-listed with ENGL 412.

Writing and reading nonfiction, with an emphasis on producing an essay of publishable quality for a general, literate audience.

### **ENGL 613 Writing for Children**

3 crs. • *V* • *No S/U Grade Option* • *Instructor Consent Required*

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

• Cross-listed with ENGL 413. Credit may not be earned in both courses.

Creation and evaluation of children's writing, including picture books, fairy tales, nonfiction, and juvenile novels and short stories.

### **ENGL 615 Seminar in Science and Nature Writing**

3 crs. • *V* • *No S/U Grade Option* • *Instructor Consent Required*

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

• Cross-listed with ENGL 415. Credit may not be earned in both courses.

Explores literary science and nature writing; students create and workshop their own short essays, with an emphasis on producing a longer publishable piece on science, medicine, or natural history.

### **ENGL 621 Seminar in Linguistic Research**

3 crs. • *Sp odd years* • *May be repeated for a maximum of 6 credits* • *No S/U Grade Option* • *P: ENGL 221 or consent of instructor.* • *Instructor Consent Required*

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

• Cross-listed with ENGL 421. See current Class Schedule for specific theme or topic.

Theory and practice of linguistic research, on a general theme designated by the instructor. Students design and carry out research projects, choosing language problems and research methodology suggested by the theme.

### **ENGL 630 Seminar in World/Postcolonial Literature**

3 crs. • *V* • *May be repeated for a maximum of 9 credits* • *No S/U Grade Option*

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

• Cross-listed with ENGL 430. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

In-depth study of specialized topics in world/postcolonial literature such as Postcolonial Feminism or Magic Realism in the Latin American Novel.

### **ENGL 640 Seminar in American Literature Before 1865**

3 crs. • *V* • *May be repeated for a maximum of 9 credits* • *No S/U Grade Option*

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

• Cross-listed with ENGL 440. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in American literature before 1865, including theoretical (e.g., Racial Pseudoscience in the American Novel), generic (e.g., The Antebellum Romance), and special themes (e.g., The Transcendentalists and Social Reform).

### **ENGL 648 Seminar in American Literature Since 1865**

3 crs. • *V* • *May be repeated for a maximum of 9 credits* • *No S/U Grade Option*

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

• Cross-listed with ENGL 448. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of selected topics in American literature since 1865, including genres or subgenres, theoretical perspectives, ethnic emphases, special themes, and paired or individual authors.

### **ENGL 652 Seminar in Early British Literature**

3 crs. • *V* • *May be repeated for a maximum of 6 credits* • *No S/U Grade Option*

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

• Cross-listed with ENGL 452. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

In-depth exploration of selected topics in British Literature before 1790, including theoretical (Feminism and Medieval Literature), generic (Medieval Drama, Early Modern Poetry, Romance), and special themes (Death in Early British Literature).



**ENGL 655 Seminar in Scientific and Technical Communication**

3 crs. • Sp • No S/U Grade Option • Instructor Consent Required

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

• Cross-listed with ENGL 455. Credit may not be earned in both courses. See current Class Schedule for specific theme or topic.

Course explores how science and technology are not neutral, but function within political, historical, and cultural contexts or “narratives”; how scientific and technical communications therefore help create those narratives; and why understanding this dynamic matters.

**ENGL 659 Seminar in British Literature After 1790**

3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option • Instructor Consent Required

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

• Cross-listed with ENGL 459. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in British literature after 1790, including theoretical (e.g., intersection of Feminism and British Modernism), generic (e.g., Romantic Poetry, Modern Drama, Postmodern Novel), special themes (e.g., Booker Novels), and author studies (e.g., Dickens and Colins).

**ENGL 668 Seminar in American Ethnic Literature**

3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option

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

• Cross-listed with ENGL 468. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of topics and texts authored by American Ethnic writers. Topics may include theoretical, political, aesthetic, and cultural issues reflecting the historical and cultural forces that have shaped the literary production of authors from a particular American ethnic tradition.

**ENGL 684 Seminar in Critical Theory**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option

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

• Cross-listed with ENGL 484. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic. Others may enroll with the instructor's permission.

In-depth exploration of topics in Critical Theory, including schools (e.g., Feminist Theory), periods (e.g., 20th Century Theory), figures (e.g., Foucauldian Theory), and special themes (e.g., Theorizing Music).

**ENGL 696 Seminar in Women's Literature**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option

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

• Cross-listed with ENGL 496. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in literature authored by women—e.g., theory (Womanist Writings and Readings), period (Women's WWI Fiction), genre (Feminism in Science Fiction), or theme (Woman's Work: Gender and Class Before 1790).

**ENGL 711 Critical Thinking, Reading, and Writing**

3 crs. • F • No S/U Grade Option

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

• Admission to program or consent of graduate instructor.

Introduction to graduate level critical reading and writing, stressing the development of insightful analysis and critical voice supported by an understanding of a variety of critical approaches and research methodologies.

**ENGL 715 Critical Theory and English Studies**

3 crs. • Sp • No S/U Grade Option • P: ENGL 711 or consent of instructor.

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

Seminar examining the function of critical theory in studies of literature, language, and culture, focusing on the place of English Studies within the culture and the relations between critical theory and the disciplines of English.

**ENGL 721 Studies in Writing, Language, or Pedagogy**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 711 or concurrent enrollment, or consent of instructor.

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

• See current Class Schedule for specific theme or topic.

Seminar examining topics of importance in writing, language, or pedagogy (e.g., Approaches to Teaching English, Social Forces and Linguistic Change, or The Nature of Composition Studies: Historical, Institutional, Cultural Forces).

**ENGL 723 Story Writing Seminar**

3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: ENGL 611 or consent of instructor.

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

The study, creation, workshop evaluation and revision of stories.

**ENGL 724 Poetry Writing Seminar**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 610, or consent of instructor

Seminar Hours: 3 | Lab/Studio Hours: 0

The study, creation, workshop evaluation and revision of poems.

**ENGL 727 Studies in Scientific and Technical Communication**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option

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

Theory and research on scientific and technical communication. Emphasis on the role of current theory and research in informing best practices in textual and graphic documentation.

**ENGL 733 Studies in World/Postcolonial Literature**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 711 or concurrent enrollment, or consent of instructor.

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

• See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular theme, genre, or historical period from a geographical region other than Great Britain or North America (e.g., the European Novel, Literature of the African Diaspora, or Postcolonial Fiction).

**ENGL 743 Studies in North American Literature**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 711 or concurrent enrollment, or consent of instructor.

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

• See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular ethnic group, race, culture, or historical period in North America (e.g. Native Voices in American Literature, African American Writing 1830-1900, or American Poetry: Whitman to Frost).

**ENGL 753 Studies in British and Irish Literature**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 711 or concurrent enrollment, or consent of instructor.

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

• See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular region, group, or period in Great Britain (e.g. British Women Writers—seventeenth and eighteenth century, Kailyard School of Scottish Fiction, Exile and the Irish Writer, or twentieth century British Poetry).

**ENGL 769 Studies in Figures and Groups**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 711 or concurrent enrollment, or consent of instructor.

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

• See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular figure or literary group, including investigation of philosophical and political background, cultural milieu, literary influences, and critical reception (e.g. Shakespeare, Alice Walker, Thomas Pynchon, the Beats, or the Brontes).

**ENGL 779 Studies in Themes and Genres**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 711 or concurrent enrollment, or consent of instructor.

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

• See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular theme or genre that extends beyond geographical boundaries and traditional literary periods (e.g., Evolution of the Novel, Nineteenth Century Gothicism, Autobiography in Western Literature, or Our Literary Foremothers).

**ENGL 789 Studies in Theory and Culture**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: ENGL 711 or concurrent enrollment, or consent of instructor.

• See current Class Schedule for specific theme or topic.

Seminar exploring theoretical issues, historical or contemporary, with emphasis on critical application and implication (e.g. Cultural Studies Theory, Literary Post-Modernism, Theories of Degeneration in the British Novel, Film Noir, or Cultural Perspectives on Literacy).

**ENGL 794 Graduate Apprenticeship: Teaching Theory and Practice**

3 crs. • F, Sp • No S/U Grade Option • P: Fifteen credits of graduate coursework • Instructor Consent Required

• Permission required by Faculty Supervisor and Graduate Program Director

Students will gain college classroom teaching preparation and experience under the supervision of a graduate faculty member teaching an undergraduate course. In addition, students will read within a select bibliography of texts on pedagogy.

**ENGL 796 Directed Studies**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option

Permits a group of students to investigate a common topic under the direction of a department faculty member.

**ENGL 797 Independent Study**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Department Consent Required

**ENGL 799 Thesis**

1-6 crs. • F, Sp, Su • May be repeated • PR Only Grade Basis • Department Consent Required

• Full-time equivalent.

## FOREIGN LANGUAGES

Hibbard 378

715-836-4287

www.uwec.edu/flang

## GRADUATE FACULTY

Josh Brown, Ph.D.

Patrick Day, Ph.D.

Analisa DeGrave, Ph.D.

Marcela Depiante, Ph.D.

Manuel Fernández, Ph.D.

Wendy Makoons Geniusz, Ph.D.

Anne Hlas, Ph.D.

Paul Hoff, D.A.

Tomomi Kakegawa, Ph.D.

Martina Lindseth, Ph.D.

Jessica Miller, Ph.D.

Kate Mastruserio Reynolds, Ed.D.

Carter Smith, Ph.D. (Chair)

Johannes Strohschänk, Ph.D.

Robert Strong, Ph.D.

Dominique Thévenin, Ph.D.

Jefford Vahlbusch, Ph.D.

José Valero, Ph.D.

Fabiola Varela-García, Ph.D.

Matthew Waters, Ph.D.

## PROGRAMS

No graduate degree programs offered.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## FLG

**FLG 565 Special Topics in Teaching English to Speakers of Other Languages**

3 crs. • Wi, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option

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

• Cross-listed with FLG 365.

In-depth study of various topics related to the field of Teaching English to Speakers of Other Languages (TESOL), which may include Pedagogical Grammar, Psycholinguistics, and ESL Literacy Instruction.

**FLG 595 Directed Studies**

1-4 crs. • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with FLG 395.

Study of a problem or special area in a foreign or second language, or introduction to an uncommonly offered foreign language with emphasis on oral proficiency, basic grammar, introduction to reading and writing.

**FLG 600 Assessment of English Language Learners (ELLs)**

2 crs. • Sp • No S/U Grade Option • P: ES 405/ES 605 or ES 409/ES 609.

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

• Cross-listed with FLG 400. Credit may not be earned in both courses.

How to select, create, administer, and interpret results of traditional and alternative assessment instruments and other assessment strategies which measure the academic and language competencies of learners of English as a second language.

**FLG 778 Theories of Second Language Learning and Acquisition**

3 crs. • Sp • No S/U Grade Option • P: No credit if taken after FLG 378.

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

The study of linguistic, cognitive, and social factors which influence the development of a second language. Applications to Teaching of English to Speakers of Other Languages (TESOL), bilingual education, and foreign language education.

## FLTR

**FLTR 550 Latin American Literature in Translation**

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with FLTR 350 and LAS 350/550. Credit may only be earned in one of these courses.

This course introduces students to Latin American authors and their writings in a historical and social context.

**FLTR 560 Readings in Ancient Literature**

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • Instructor Consent Required

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

• Cross-listed with FLTR 360.

An umbrella course. Intensive reading, discussion, and analysis of literary works from the ancient world in English translation. Specific course offerings might include The Ancient Epic, Greek Tragedy, or Readings in Ancient Greek Literature.



## FOREIGN LANGUAGES

### FREN

#### **FREN 555 Contemporary French Civilization**

3 crs. • V • *May be repeated for a maximum of 6 credits • No S/U Grade Option • P: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.*

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

• Cross-listed with FREN 355. Credit may not be earned in both courses.

France from 1870 to the present: the country, its people, institutions, art, and culture.

#### **FREN 561 Survey of French Literature I**

3 crs. • V • *May be repeated for a maximum of 6 credits • No S/U Grade Option • P: FREN 345, or 300-level language proficiency, or consent of instructor.*

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

• Cross-listed with FREN 361. Credit may not be earned in both courses. Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature prior to the French Revolution.

#### **FREN 562 Survey of French Literature II**

3 crs. • V • *May be repeated for a maximum of 6 credits • No S/U Grade Option • P: FREN 345, or 300-level language proficiency, or consent of instructor.*

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

• Cross-listed with FREN 362. Credit may not be earned in both courses. Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature since the French Revolution.

#### **FREN 595 Directed Studies**

1-3 crs. • *May be repeated • No S/U Grade Option • Instructor Consent Required*

• Cross-listed with FREN 395.

Study of a problem or special area in French language, culture, or literature.

#### **FREN 601 Advanced Conversation**

3 crs. • V • *May be repeated for a maximum of 6 credits • No S/U Grade Option • P: FREN 335 or FREN 340 or consent of instructor. • Instructor Consent Required*

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

• Cross-listed with FREN 401. Credit may not be earned in both courses. Course may be taken once at UW-Eau Claire and once during study abroad.

Intensive practice in conversation derived from assigned topics.

#### **FREN 650 Francophone Literature**

3 crs. • V • *No S/U Grade Option • P: FREN 361/FREN 561 or FREN 362/FREN 562.*

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

• Cross-listed with FREN 450. Credit may not be earned in both courses. No credit if taken after FREN 491/FREN 691 when offered as the same topic, Francophone Literature.

French-language literature by writers of countries and territories outside the European continent, such as Africa, the Caribbean, and the Americas.

#### **FREN 663 Modern French Literature**

3 crs. • V • *May be repeated for a maximum of 6 credits • No S/U Grade Option • P: FREN 361/FREN 561 or FREN 362/FREN 562 or consent of instructor.*

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

• Cross-listed with FREN 463. Credit may not be earned in both courses. Course may be taken once at UW-Eau Claire and once during study abroad.

A study of major literary movements and trends in modern France.

#### **FREN 680 The French Novel**

3 crs. • V • *No S/U Grade Option • P: FREN 361/FREN 561 or FREN 362/FREN 562.*

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

• Cross-listed with FREN 480. Credit may not be earned in both courses.

Evolution of the French novel, with representative works from the seventeenth through twentieth centuries.

#### **FREN 682 The Theatre in France**

3 crs. • V • *No S/U Grade Option • P: FREN 361/FREN 561 or FREN 362/FREN 562.*

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

• Cross-listed with FREN 482. Credit may not be earned in both courses.

History of the theatre in France, with readings primarily from the nineteenth and twentieth centuries.

#### **FREN 691 Special Topics**

1-3 crs. • V • *May be repeated for a maximum of 9 credits • No S/U Grade Option • P: FREN 361/FREN 561 or FREN 362/FREN 562. • Instructor Consent Required*

• Cross-listed with FREN 491. See current Class Schedule for specific topic.

In-depth study of a special area in the language, cultures, or literatures of the French-speaking world. Topics specified in the current Class Schedule.

#### **FREN 797 Independent Study**

1-3 crs. • *May be repeated • No S/U Grade Option • Instructor Consent Required*

Independent study projects under direction of faculty members.

### GERM

#### **GERM 525 The German Sound System**

3 crs. • F • *No S/U Grade Option • P: GERM 313 or consent of instructor.*

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

• Cross-listed with GERM 325. Credit may not be earned in both courses.

Theory of the German sound system and intensive practice of German pronunciation and intonation. Course language is German.

### **GERM 558 Introduction to Translation**

2 crs. • F • No S/U Grade Option • P: GERM 313 or GERM 315.

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

• Cross-listed with GERM 358. Credit may not be earned in both courses.

A practically oriented introduction into the craft of translation, with intensive practice of text translation, mainly from German to English. Discussion of translation techniques and some readings of translation theory.

### **GERM 563 Modern Germany: Literature, History, Culture**

3 crs. • F • A-F Grades Only • P: One German course at the 300-level, or permission of the instructor.

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

Combines German history survey 1889-1989, including work on contemporary images and documents, with close reading of literary/cultural texts and close attention to students' professional development in reading, writing, listening, speaking, translating. Course language is German.

### **GERM 595 Directed Studies**

1-3 crs. • F, Sp • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with GERM 395.

Study of a problem or special area in German language, culture, or literature.

### **GERM 613 Structure of German in Contrast**

3 crs. • Sp • No S/U Grade Option • P: GERM 313 or GERM 315.

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

• Cross-listed with GERM 413. Credit may not be earned in both courses.

The course aims to refine students' proficiency in the German language as well as to further students' "conscious" mastery of German through a comparative/contrastive analysis with English.

### **GERM 680 Seminar in German Culture and Civilization I, pre-1848**

3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: GERM 363, or permission of instructor.

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

• Recommended to take after study abroad.

An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language and/or civilization of German-speaking peoples before 1848. Course language is German.

### **GERM 682 Seminar in German Culture and Civilization II, post-1848**

3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: GERM 363, or permission of instructor.

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

An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language, and/or civilization of German-speaking countries after 1848.

### **GERM 797 Independent Study**

1-3 crs. • May be repeated • No S/U Grade Option • Instructor Consent Required

Independent study projects under direction of faculty members.

## **SPAN**

### **SPAN 512 Latinos in the U.S.**

2 crs. • F, Sp • No S/U Grade Option • P: SPAN 301 or consent of instructor.

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

• Cross-listed with SPAN 312 and LAS 312/512. Credit may only be earned in one of these courses.

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 520 Spanish for the Health Professions I: Translation**

3 crs. • F, Sp • No S/U Grade Option • P: SPAN 202 or SPAN 232.

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

• Cross-listed with SPAN 320. Credit may not be earned in both courses.

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 525 Phonetics and Pronunciation**

3 crs. • F, Sp • No S/U Grade Option • P: SPAN 301

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

• Cross-listed with SPAN 325. Credit may not be earned in both courses.

Theory of the Spanish sound system and intensive practice of Spanish pronunciation and intonation.

### **SPAN 552 Latin American Civilization**

3 crs. • F, Sp • No S/U Grade Option • P: SPAN 302 or consent of instructor. No credit if taken after SPAN 351.

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

• Cross-listed with SPAN 352 and LAS 352/552. Credit may only be earned in one of these courses.

Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.

### **SPAN 563 Survey of Spanish Peninsular Literature**

3 crs. • F • No S/U Grade Option • P: SPAN 302

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

• Cross-listed with SPAN 363. Credit may not be earned in both courses. This course is recommended to be taken after study abroad.

Reading, literary analysis, and discussion of works of Spanish Peninsular Literature, organized by genres (prose, poetry, theatre). Designed as introduction for advanced literature courses.

**SPAN 567 Survey of Latin American Literature**

3 crs. • F, Sp • No S/U Grade Option • P: SPAN 302 or consent of instructor.

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

• Cross-listed with SPAN 367 and LAS 367/567. Credit may only be earned in one of these courses. This course is recommended to be taken after study abroad.

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

**SPAN 585 Spanish Literature from Unamuno to Garcia Lorca**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567, or consent of instructor.

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

• Cross-listed with SPAN 385. Credit may not be earned in both courses.

Peninsular Spanish literature beginning with the generation of 1898 and including writers up to and through the Spanish Civil War of 1936-39.

**SPAN 586 Contemporary Spanish Literature**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567, or consent of instructor.

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

• Cross-listed with SPAN 386. Credit may not be earned in both courses.

Continuation of Spanish 385/585. Spanish writers since 1940.

**SPAN 595 Directed Studies**

1-3 crs. • May be repeated • No S/U Grade Option • Instructor Consent Required

• Cross-listed with SPAN 395.

Study of a problem or special area in the culture, language, or literature of the Spanish-speaking world, approved by the supervising instructor and the department chair.

**SPAN 609 The Craft of Translation**

3 crs. • Sp • No S/U Grade Option • P: SPAN 302

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

• Cross-listed with SPAN 409. Credit may not be earned in both courses.

A practical course designed to show that each language is more than the sum of its words. Intensive practice of translation from and into both Spanish and English. Some reading on translation techniques and practices.

**SPAN 610 Advanced Grammar**

3 crs. • F, Sp • No S/U Grade Option • P: SPAN 302

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

• Cross-listed with SPAN 410. Credit may not be earned in both courses.

Advanced study of vocabulary, idioms, and grammar based on selected model written texts.

**SPAN 620 Spanish for Health Professions II: Interpretation**

3 crs. • F • No S/U Grade Option • P: SPAN 302

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

• Cross-listed with SPAN 420. Credit may not be earned in both courses.

Discussions related to health care organizations in the Spanish speaking countries, and practice of specialized medical terminology. Techniques and problems of interpretation from Spanish to English and vice versa: meaning, use, and theories.

**SPAN 675 Topics in Latin American Literature**

3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only

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

• Cross-listed with SPAN 475 and LAS 475/675. Credit may only be earned in one of these courses.

In-depth study of a particular area in Latin American literature.





**SPAN 676 The Novel in Spanish America I: 1850-1950**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with SPAN 476 and LAS 476/676. Credit may only be earned in one of these courses.

Study of the most important novelists of Spanish America, from 1850 to 1950.

**SPAN 677 The Novel in Spanish America II: 1950-Present**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with SPAN 477 and LAS 477/677. Credit may only be earned in one of these courses.

Continuation of SPAN/LAS 476/676. Covers period from 1950 to the present.

**SPAN 680 Latin American Literature and Film**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with SPAN 480 and LAS 480/680. Credit may only be earned in one of these courses.

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.

**SPAN 682 Women in Latin American Literature**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with SPAN 482 and WMNS 482/682. Credit may only be earned in one of these courses.

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

**SPAN 691 Special Topics**

1-3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option • P: SPAN 355, or SPAN 356 or SPAN 363/SPAN 563, or SPAN/LAS 352/SPAN/LAS 552 or SPAN/LAS 367/SPAN/LAS 567, or consent of instructor.

• Cross-listed with SPAN 491. See current Class Schedule for specific topic.

In-depth study of a special area in the language, cultures, or literatures of the Spanish-speaking world.

**SPAN 797 Independent Study**

1-3 crs. • May be repeated for a maximum of 6 credits • No S/U Grade Option • Department Consent Required

Independent study projects under direction of faculty members.

**GEOGRAPHY AND ANTHROPOLOGY**

Phillips 257

715-836-3244

[www.uwec.edu/geography](http://www.uwec.edu/geography)

**GRADUATE FACULTY**

Ari Anand, Ph.D.

Robert J. Barth, Ph.D.

Douglas Faulkner, Ph.D.

Sean Hartnett, Ph.D.

Christina Hupy, Ph.D.

Joseph Hupy, Ph.D.

Harry Jol, Ph.D.

Paul Kaldjian, Ph.D. (Chair)

Garry Running, Ph.D.

Daniel P. Strouthes, Ph.D.

Ingolf K. Vogeler, Ph.D.

Ryan D. Weichelt, Ph.D.

Cyril Wilson, Ph.D.

Ezra Zeitler, Ph.D.

**PROGRAMS**

No graduate degree programs offered.

**COURSES**

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

**GEOG**

**GEOG 521 Geography of Latin America**

3 crs. • F • No S/U Grade Option

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

• Cross-listed with GEOG 321 and LAS 321/521. Credit may only be earned in one of these courses.

The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.

## GEOGRAPHY AND ANTHROPOLOGY

### **GEOG 522 Native Geographies**

3 crs. • *Sp odd years* • *Field Trip(s) Required; Special Course Fee Required* • *No S/U Grade Option*

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

• Cross-listed with GEOG 322 and AIS 322/522. Credit may only be earned in one course.

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 535 Geographic Information Systems I**

3 crs. • *F, Sp* • *No S/U Grade Option*

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

• Cross-listed with GEOG 335. Credit may not be earned in both courses. GEOG 200 is recommended prior to enrollment in this course.

Introduction to the fundamental concepts of GIS technology and the utilization of spatial data for solving geographic problems. Raster and vector approaches to spatial processing are examined. Special emphasis is given to raster based systems.

### **GEOG 536 Geospatial Field Methods**

3 crs. • *Sp* • *Field Trip(s) Required; Special Course Fee Required* • *No S/U Grade Option* • *P: GEOG 335/535*

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

• Cross-listed with GEOG 336. Credit may not be earned in both courses.

Project-based hands-on learning will teach students field data collection techniques/methods for those interested in a career involving geospatial issues. Traditional and advanced geospatial technology are implemented in the course.

### **GEOG 537 Geographic Information Systems II**

3 crs. • *F* • *No S/U Grade Option* • *P: GEOG 335/535*

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

• Cross-listed with GEOG 337. Credit may not be earned in both courses.

This course expands directly on knowledge gained in Geography 335, Geographic Information Systems I. Focus will be on gaining additional technical skills and applying them to answer more in-depth geospatial questions.

### **GEOG 538 Remote Sensing of the Environment**

3 crs. • *F* • *Field Trip(s) Required; Special Course Fee Required* • *No S/U Grade Option*

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

• Cross-listed with GEOG 338. Credit may not be earned in both courses. GEOG 200 is recommended prior to enrollment in this course.

Descriptive interpretation of remote-sensing images from ground, aerial, and space platforms.

### **GEOG 550 Soils and the Environment**

4 crs. • *F, V* • *Field Trip(s) Required; Special Course Fee Required* • *A-F Grades Only* • *Instructor Consent Required*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

• Cross-listed with GEOG 350. Credit may not be earned in both courses.

Study of soil properties, formation processes, and classification with emphasis on fieldwork, application of soil information to resource management and land use, and technical report writing.

### **GEOG 579 Geography of Wisconsin**

3 crs. • *F even years* • *Field Trip(s) Required; Special Course Fee Required* • *No S/U Grade Option*

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

• Cross-listed with GEOG 379. Credit may not be earned in both courses.

A geographic analysis of Wisconsin and its people, with emphasis on cultural and environmental characteristics, patterns of land use, and changing ways of life.

### **GEOG 595 Directed Studies**

1-3 crs. • *F, Sp, Su* • *May be repeated* • *No S/U Grade Option* • *Department Consent Required*

• Cross-listed with GEOG 395.

Directed study of a geographic problem approved by the supervising instructor and the Department Chair.

### **GEOG 635 Geographic Information Systems III**

3 crs. • *Sp* • *No S/U Grade Option* • *P: GEOG 335/535*

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

• Cross-listed with GEOG 435. Credit may not be earned in both courses. No credit if taken after GEOG 491 when offered as Advanced Geographic Information Systems.

This course will advance students' knowledge of theoretical concepts and skills in geographic information systems in science. Emphasis will be placed on application of these concepts and skills in geospatial analysis.

### **GEOG 655 Web Geographic Information Systems**

3 crs. • *F odd years* • *No S/U Grade Option* • *P: GEOG 335/535*

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

• Cross-listed with GEOG 455. Credit may not be earned in both courses.

An introduction to Web GIS, the programming concepts underpinning construction and implementation of high quality web and mobile solutions.

### **GEOG 797 Independent Study/Graduate**

1-3 crs. • *F, Sp, Su* • *May be repeated* • *No S/U Grade Option* • *Department Consent Required*

An intensive study of a geographic topic resulting in a paper suitable for publication.

## ANTH

### ANTH 515 Language in Culture and Society

3 crs. • F • No S/U Grade Option

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

• Cross-listed with ANTH 315. Credit may not be earned in both courses.

Examination of the rules and patterns for speech behavior in a variety of cultures. Language as an expression of social status, gender, and group membership. Study of multilingualism and language planning.

### ANTH 545 Japanese Culture and Society

3 crs. • V • No S/U Grade Option

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

• Cross-listed with ANTH 345. Credit may not be earned in both courses.

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 556 Women in Cross-Cultural Perspective

3 crs. • F • No S/U Grade Option

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

• Cross-listed with ANTH 356 and WMNS 356/556. Credit may only be earned in one of these courses.

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

### ANTH 622 Anthropology of Law

3 crs. • F • No S/U Grade Option

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

• Cross-listed with ANTH 422. Credit may not be earned in both courses.

The scientific study of comparative law. Examines and analyzes a wide variety of legal systems, plus theories of law, legal change, change of legal systems, and justice.

### ANTH 632 Anthropological Fieldwork Methods and Research Design

3 crs. • Sp • A-F Grades Only • P: ANTH 161; 300-level cultural anthropology course or may be taken concurrently (ANTH 315, 325, 345, 351, 355 or 356). • Instructor Consent Required

Seminar Hours: 3 | Lab/Studio Hours: 0

This seminar offers a broad introduction to the subject of fieldwork in sociocultural anthropology, with the goal of training students to undertake independent research. Foci include methodology, field experience, and outstanding research examples.

## GEOLOGY

Phillips 157

715-836-3732

[www.uwec.edu/geology](http://www.uwec.edu/geology)

## GRADUATE FACULTY

Scott Clark, Ph.D.

Katherine R. Grote, Ph.D.

Karen G. Havholm, Ph.D.

Robert L. Hooper, Ph.D.

Phillip D. Ihinger, Ph.D.

J. Brian Mahoney, Ph.D.

Geoffrey S. Pignotta, Ph.D.

Kent M. Syverson, Ph.D. (Chair)

## PROGRAMS

No graduate degree programs offered.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## GEOL

### GEOL 515 Hydrogeology I

4 crs. • F • Field Trip(s) Required • No S/U Grade Option • P: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131; MATH 112, or MATH 114, or MATH 215. • Instructor Consent Required

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

• Cross-listed with GEOL 315. Credit may not be earned in both courses.

The hydrologic cycle, runoff and streamflow, saturated groundwater flow, contaminant transport, geology of groundwater occurrence, aquifer characterization, groundwater flow to wells, hydrogeologic field techniques, groundwater flow and contaminant transport computer modeling, groundwater development and management.

### GEOL 536 Introduction to Geochemistry

3 crs. • Sp • No S/U Grade Option • P: GEOL 312; CHEM 104 or CHEM 115. • Instructor Consent Required

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

• Cross-listed with GEOL 336. Credit may not be earned in both courses.

Application of chemistry to geologic problems. Principles of isotope geochemistry, thermodynamics, chemistry of natural waters, and computer modeling of geochemical systems.



**GEOL 537 Analytical Geochemistry Laboratory**

1 cr. • V • No S/U Grade Option • P: GEOL 336/GEOL 536 or concurrent registration. • Instructor Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2  
• Cross-listed with GEOL 337. Credit may not be earned in both courses.

Theory and application of geochemical instrumentation including x-ray diffraction, x-ray microanalysis, scanning electron microscopy, atomic absorption spectrometry, mass spectrometry, and neutron activation analysis.

**GEOL 616 Hydrogeology II**

4 crs. • Sp • Field Trip(s) Required • No S/U Grade Option • P: GEOL 315/GEOL 515 • Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2  
• Cross-listed with GEOL 416. Credit may not be earned in both courses.

Review of principles of groundwater flow and contaminant transport, reactive groundwater contamination, groundwater remediation, chemical evolution of natural groundwater, flow in the unsaturated zone, advanced groundwater flow and contaminant transport computer modeling, water law.

**GEOL 645 Engineering Geology and Geophysics**

5 crs. • E, V • Field Trip(s) Required • No S/U Grade Option • P: GEOL 312; PHYS 211 or PHYS 231; MATH 114 or consent of instructor. • Instructor Consent Required

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 2  
• Cross-listed with GEOL 445. Credit may not be earned in both courses.

Application of geological and geophysical principles to solve human problems. Discussion of soil and rock mechanics, slope stability, earthquake analysis and seismic planning, and geophysical techniques including seismic, gravity, magnetic, electrical, and electromagnetic surveying.

**GEOL 691 Advanced Special Topics**

1-4 crs. • V • May be repeated • No S/U Grade Option • Instructor Consent Required  
• Cross-listed with GEOL 491.

Topics of special interest and current relevance to the advanced geology student; includes field excursions. Topics vary.

**GEOL 793 Directed Studies**

1-4 crs. • V • May be repeated • No S/U Grade Option • Instructor Consent Required

Permits groups of students to study topical areas in an intensive way under the direction of department faculty members.

**GEOL 797 Independent Study**

1-3 crs. • V • May be repeated • No S/U Grade Option • Department Consent Required

Independent study projects under direction of faculty members.

**HISTORY**

Hibbard 701

715-836-5501

[www.uwec.edu/history](http://www.uwec.edu/history)

**GRADUATE FACULTY**

Oscar B. Chamberlain, Ph.D.

Selika M. Ducksworth-Lawton, Ph.D.

Erin Krutko-Devlin, Ph.D.

Kate Lang, Ph.D. (Chair)

Paulis I. Lazda, Ph.D.

John Mann, Ph.D.

James W. Oberly, Ph.D.

Jane Pederson, Ph.D. (Program Director)

Eugenio Piñero, Ph.D.

Louisa Rice, Ph.D.

Teresa Sanislo, Ph.D.

Reiko Shinno, Ph.D.

Patricia R. Turner, Ph.D.

Matthew Waters, Ph.D.

**QUALIFICATIONS FOR ADMISSION TO DEGREE PROGRAMS IN HISTORY**

1. Applicants must hold a bachelor's degree with a minimum of 24 semester credits of undergraduate history. The department strongly recommends at least 30 semester credits.

2. A GPA of 3.00, or 3.15 in the second half of all undergraduate work and a 3.30 in the history concentration.

3. A letter of intent from prospective student in which the student explains his or her academic and career goals and expectations.

4. Three letters of recommendation by professors who are familiar with the applicant's past work and potential to do graduate work. These letters may also be used for applying for graduate assistantships and fellowships.

5. Completion of an undergraduate research seminar involving the writing of a major research paper (minimum 10 pages preferred), a copy of which should accompany the application, together with a letter from the supervising professor. This letter may be counted as one of the three letters of recommendation. (A student meeting the above criteria, but not this one, may be admitted conditionally, and must take Hist 488 and 489 at the beginning of enrollment in the program. Conditional status is removed upon completion of Hist 488 and 489 with

grades of B or above. The four undergraduate credits involved are in addition to the 30 graduate credits required for the degree.)

### **Further Notes to Applying Students**

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

## **PROGRAMS**

### **MA—History**

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

To complete the program, students must earn a minimum of 30 credits including a thesis for six credits; earn 30 credits including a research paper for three credits; or earn 33 graduate credits of coursework, with no research paper or thesis required. Up to nine credits may be from disciplines outside of History with the approval of the adviser. All students must attain a GPA of 3.00 or higher and complete Hist 793. Students are required to complete Hist 719 preliminary to writing the thesis or research paper. At least 18 credits must be taken in courses open only to graduate students.

Degree requirements have been arranged and

a counseling system devised with the intention of providing each student a program encompassing both breadth and depth. Students prepare themselves in a field of concentration designed to meet their needs and interests.

### **Graduate Certificates Program in History**

**The Graduate Certificates Program in History** is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest. The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

### **Requirements for Admission to the Graduate Certificates Program in History**

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

### **Requirements for Graduate Certificates**

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

## HISTORY

### Fields of Concentration for Graduate Certificates

African American History

Asian History

European History

Global History

Historical Research and Writing

Latin American History

Military History

Native American History

Race and Ethnic History

United States History

Women, Family, and Gender History

Students may also design other areas of concentration based upon region or topic.

### Public History Graduate Certificate

The graduate certificate in public history prepares students for a wide range of career options by familiarizing them with museum work, historic preservation, archives and other public history subfields, and by providing hands-on experience through internships and other opportunities. The Wisconsin Historical Society's Division of Public History and Historic Preservation opened its Northern Field Services Office in the History Department in 2006. The Field Services program provides programming and assistance to history and preservation organizations statewide and collaborates with the Public History program to coordinate internships and other opportunities in public history.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## HIST

### HIST 502 Ancient Near Eastern Civilizations

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 302. Credit may not be earned in both courses.

In-depth survey of the political, social, and cultural history of ancient Mesopotamia, Egypt, Syro-Palestine, Anatolia, and Iran from the rise of cities to Alexander the Great.

### HIST 504 Greek Civilization

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 304. Credit may not be earned in both courses.

A history of the Greeks beginning with the Bronze Age and continuing through the Alexandrian or Hellenistic period. Stress on cultural contributions of each successive period.

### HIST 506 Roman Civilization

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 306. Credit may not be earned in both courses.

A history of the Romans beginning with the Etruscan civilization after 1000 B.C. and continuing through the Empire Age to the end of the third century.

### HIST 508 Ancient Historiography

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 308. Credit may not be earned in both courses.

In-depth examination of the works of selected ancient historians, their methodology, purpose, and place in the tradition.

### HIST 509 Latin America Through Independence

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 309 and LAS 309/509. Credit may only be earned in one of these courses.

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

### HIST 511 Latin America Since Independence

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 311 and LAS 311/511. Credit may only be earned in one of these courses.

Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.



**HIST 513 Gender, Sex, and Science in European History**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 313 and WMNS 313/513. Credit may only be earned in one course.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

**HIST 515 The Age of Reformation**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 315. Credit may not be earned in both courses.

Religious movements of sixteenth century; their relationship to medieval heresies and political, intellectual, social movements of sixteenth and seventeenth centuries.

**HIST 517 Studies in the History of Race in the U.S.**

3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option

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

• Departmental permission required after course is taken for three credits.

Selected topics in the history of U.S. racial/ethnic minorities. Topics can include aspects of Asian America, African American, and/or Latino American history. Consult class schedule or department office for current offering.

**HIST 518 Studies in the History of European and Mediterranean Worlds**

3 crs. • V • May be repeated for a maximum of 9 credits

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

• Department permission is required after course is taken for three credits.

Selected topics in the history of European and Mediterranean worlds. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

**HIST 519 Studies in Comparative, Transnational and Pacific World History**

3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option

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

• Departmental permission required after course is taken for three credits.

Selected topics in comparative and transnational history or the history of regions bordering the Pacific Ocean. Topics may focus on a particular time period, region, or historical process. Consult class schedule or department office for current offering.

**HIST 520 Studies in the History of the Americas**

3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option

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

• Departmental permission required after course is taken for three credits.

Selected topics in the history of the Americas. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

**HIST 524 Nineteenth Century Europe, 1815-1914**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 324. Credit may not be earned in both courses.

The development of European civilization in the nineteenth century. Special attention is given to the social, economic, intellectual, and religious history of the period between 1815 and 1914.

**HIST 526 Twentieth Century Europe, 1900 to Present**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 326. Credit may not be earned in both courses.

Political, economic, intellectual, and social developments in major European states. Special attention to the two World Wars, Russian Revolution, fascism, Cold War, Europe's loss of overseas power, World War II, and postwar integration.

**HIST 530 Colonial America**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 330. Credit may not be earned in both courses.

Colonial period, with emphasis upon origins and development of social, economic, and political institutions.

**HIST 532 The Era of the American Revolution**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 332. Credit may not be earned in both courses.

Conflicting forces which produced breakdown of Anglo-American political system, war years, social and political readjustment, and framing of new governments.

**HIST 534 Early Nationalism and Jacksonian Democracy**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 334. Credit may not be earned in both courses.

The outer history of this period is dominated by the relentless spread of the American republic to the Pacific by 1848; the inner history is one of the spread of markets and capitalist relations. Andrew Jackson dominates this period. The course will attempt to make connections between the life of Jackson and the great social forces that permanently changed the country.

## HISTORY

### **HIST 536 Sectionalism, Civil War, and Reconstruction**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 336. Credit may not be earned in both courses.

America's most bitter and bloody war. Focus on three topics: why the war broke out when it did; how the Union won the war and destroyed a slave society; and why, after winning the war, the North lost the peace of Reconstruction.

### **HIST 538 America in Transition, 1877-1917**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 338. Credit may not be earned in both courses.

Industrial growth, the farmers' revolt, economic depression, the Spanish-American War, Imperialism and Progressive Reform to World War I.

### **HIST 542 Recent US History (1945-Present)**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 342. Credit may not be earned in both courses.

America in 1945, "Cold War," Eisenhower years, violent 1960s, Vietnam War, Watergate, Carter Presidency, Reagan Presidency.

### **HIST 544 African American Civil Rights Movement, 1914-Present**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 344. Credit may not be earned in both courses.

African American civil rights movement activity focusing on organized and unorganized responses to discrimination in the twentieth century.

### **HIST 546 American Environmental History**

3 crs. • Sp, V • *Field Trip(s) Required; Special Course Fee Required* • No S/U Grade Option

Seminar Hours: 3 | Lab/Studio Hours: 0

• Cross-listed with HIST 346. Credit may not be earned in both courses. No credit if taken after HIST 491 when offered as American Environmental History.

Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.

### **HIST 558 The American West**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 358. Credit may not be earned in both courses.

Frontier movement, problems, procedures, and attitudes of frontier areas, and influence of the West.

### **HIST 560 Modern France**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 360. Credit may not be earned in both courses.

Social, political, and cultural development of France from the French Revolution of 1789 to the present. Topics include industrialization, civil society, democratization, art and society, World War I and II, French imperialism, women and gender.

### **HIST 562 Modern Germany**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 362. Credit may not be earned in both courses.

Since 1848, with emphasis on Bismarckian, Wilhelmian, Weimar, Nazi, and postwar period.

### **HIST 566 History of Middle East Since Muhammad**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 366. Credit may not be earned in both courses.

The world in which Islam began, the spread of Islam out of the Arabian Peninsula, the emergence of Islamic Empires, European contact, colonialism, and the emergency of Modern Middle Eastern nations.

### **HIST 568 Studies in American Indian History**

1-3 crs. • V • *May be repeated for a maximum of 9 credits* • No S/U Grade Option

• Cross-listed with HIST 368 and AIS 368/568. Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century.

### **HIST 569 Wisconsin Indian History**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 369 and AIS 369/569. Credit may only be earned in one of these courses.

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

### **HIST 570 History of the Family in America**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 370. Credit may not be earned in both courses. No credit if taken after WMNS 470.

Evolution of the American family from colonial times to the present. Emphasis on child raising, gender roles, the economic function of the family, the emergence of adolescence, the importance of kinship, and marriage practices.

**HIST 571 History of the Modern Balkans**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 371. Credit may not be earned in both courses.

The political, social, and economic developments including cultural and ethnic diversity and conflicts in Albania, Bosnia, Bulgaria, Croatia, Greece, Macedonia, Moldova, Romania, Slovenia, and Yugoslavia.

**HIST 573 American Women's History to 1870**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 373 and WMNS 373/573. Credit may only be earned in one of these courses.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

**HIST 575 Twentieth Century Russia**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 375. Credit may not be earned in both courses.

Russia in the twentieth century, emphasizing the factors contributing to revolution in 1917 and the emergence of the Soviet Union as a world power.

**HIST 576 World War I and II Military**

3 crs. • V • Field Trip(s) Required • No S/U Grade Option

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

• Cross-listed with HIST 376. Credit may not be earned in both courses.

Explores World Wars I and II from the perspective of professional military history. Emphasizes strategy, tactics, decision-making, and battle history. The role of culture's influence on strategy is discussed.

**HIST 577 American War in the Post 1945 World**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 377. Credit may not be earned in both courses.

American involvement in the Korean and Vietnam conflicts, military policy in between wars, Desert Shield/Desert Storm, and the home front impact of war. Emphasizes the daily lives of combatants.

**HIST 578 American Women's History Since 1870**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 378 and WMNS 378/578. Credit may only be earned in one of these courses.

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

**HIST 579 History of Modern East Europe**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 379. Credit may not be earned in both courses.

Political, social, and economic developments including cultural and ethnic diversity and conflicts in the lands between West Europe and Russia: Poland, Czech Republic, Slovakia, Hungary, the Baltic States, and the Ukraine.

**HIST 580 Museums in the United States**

3 crs. • V • Field Trip(s) Required • No S/U Grade Option

Seminar Hours: 3 | Lab/Studio Hours: 0

• Cross-listed with HIST 380. Credit may not be earned in both courses.

Examines the history of the museum in the United States, particularly the evolution of the role and function of museums over time. The impact of past practices on contemporary institutions is emphasized.

**HIST 581 Comparative Genocide**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 381. Credit may not be earned in both courses.

Examines the causes and implementation of genocide as well as strategies for preventing and combating genocidal hatred, especially through international law and institutions. Cases examined will be drawn from multiple time periods and global locations.

**HIST 582 Imperialism Since 1800**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 382. Credit may not be earned in both courses.

Examines the complex history of empire-building overseas, concentrating upon the era of "high" imperialism from the mid-nineteenth century through to the present. Particular focus on issues of race, gender and culture.

**HIST 583 Development of Modern Africa**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 383. Credit may not be earned in both courses.

Examines the major components contributing to the development of Modern Africa. Among topics for study are African civilizations, European contact, slavery, colonialism, independence movements, African nationalism, regionalism, and political and economic development.

**HIST 584 The Vietnam War**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 384. Credit may not be earned in both courses. No credit if credit has been earned in POLS 384/584.

Examination of the conflicts in Vietnam, 1945-1975. Topics include: Vietnam in history, French colonial rule, nationalism and communism in Vietnam, U.S. policies, the debates of the war, and the legacy of the war.



## HISTORY

### **HIST 585 The History of Middle Eastern Muslim Women**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 385 and WMNS 385/585. Credit may only be earned in one of these courses.

Examines the lives of Middle Eastern Muslim women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

### **HIST 586 Introduction to Public History**

3 crs. • F • Field Trip(s) Required • No S/U Grade Option

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

• Cross-listed with HIST 386. Credit may not be earned in both courses.

This course will introduce students to the theory and practice of a variety of history-related pursuits known collectively as public history because they are primarily aimed at audiences outside the university. Students will learn about a range of career options available to public historians, as well as the special challenges that they confront.

### **HIST 587 Marco Polo's World, 1250-1350**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 387. Credit may not be earned in both courses.

An examination of Marco Polo's journey from Europe to China as a way of exploring the connections between Europe, the Middle East, and Asia during the Age of the Mongols.

### **HIST 588 History of China**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 388. Credit may not be earned in both courses.

Social, cultural, and political history of China, inclusive of women, ethnic minorities, and commoners, from the ancient period to the present.

### **HIST 589 History of Japan**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 389. Credit may not be earned in both courses.

Social, economic, political, and intellectual development of Japan: emergence of Japanese civilization, the Heian period, the age of the samurai, the Meiji Restoration, and Japan in the twentieth century.

### **HIST 593 Roots of Selected Contemporary World Problems**

1-5 crs. • V • May be repeated • No S/U Grade Option

• Cross-listed with HIST 393. May be repeated when topic differs.

Selected world problems depending on student interest and staff. Number of credits assigned will vary according to the nature of the topic. Consult Class Schedule or department office for current offering.

### **HIST 594 Studies in the History of Women**

1-3 crs. • V • May be repeated • No S/U Grade Option

• Cross-listed with HIST 394 and WMNS 394/594.

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult Class Schedule or department office for current offering.

### **HIST 595 Directed Studies**

1-3 crs. • V • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with HIST 395.

Study of historical problem or topic.

### **HIST 601 Public History in England**

3 crs. • Su • Field Trip(s) Required • A-F Grades Only • Instructor Consent Required

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

• Open only to students participating in the Harlaxton Summer Study Abroad Program.

In this course, students are introduced to historic preservation and interpretation as they are carried out in England. The course is conducted on site through a CIE Summer Program based at Harlaxton College.

### **HIST 680 History of Wisconsin**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with HIST 480. Credit may not be earned in both courses.

Political, economic, and social development.

### **HIST 686 Seminar in Public History**

3 crs. • Sp • Field Trip(s) Required • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: HIST 386/HIST 586

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

• Cross-listed with HIST 486.

The seminar in public history is organized around completing a project in a particular field in the discipline. Students will conduct research and complete a written seminar paper that will serve as a part of a larger class product.

### **HIST 691 Special Topics**

1-3 crs. • Special Course Fee Required Varies by Term/Section • May be repeated for a maximum of 9 credits • No S/U Grade Option

• Cross-listed with HIST 491.

Topics will vary depending on interest of students and faculty. Topics may be specific themes or eras of history.

### **HIST 701 Readings in European History**

3 crs. • V • May be repeated • No S/U Grade Option

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

Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.

**HIST 703 Readings in World History**

3 crs. • V • *May be repeated* • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.

**HIST 705 Studies in History for Teachers**

1-3 crs. • V • *May be repeated for a maximum of 6 credits* • No S/U Grade Option  
• Only three credits may count toward graduate-only credit.  
A concentrated study of an historical topic for one or more weeks, depending on number of credits for which course is offered.

**HIST 707 Reading Historical Texts**

1-3 crs. • V • *May be repeated for a maximum of 3 credits* • No S/U Grade Option • *Instructor Consent Required*  
Readings of historical texts in-translation or original language.

**HIST 711 Readings in U.S. History**

3 crs. • V • *May be repeated* • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.

**HIST 715 Colloquium in History**

3 crs. • V • *May be repeated* • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Various topics are offered as indicated in the current Class Schedule. Emphasizes mastery of major secondary literature. A paper treating the literature on a specific subject is required.

**HIST 719 Readings in Area of Thesis**

3 crs. • F, Sp • No S/U Grade Option • P: *Nine graduate credits of history.* • *Instructor Consent Required*  
Independent study format. Reading in depth in area of concentration for thesis or research paper. Thesis/research paper adviser is instructor. Culminates in presentation of prospectus to thesis committee.

**HIST 725 Seminar in History**

3 crs. • V • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Various topics are offered as indicated in the schedule of classes. Introduces students to secondary literature on a topic as preparation for research in original sources leading to the writing of a paper to be presented to the class.

**HIST 790 Internship in Public History**

1-3 crs. • F, Sp, Su • IN • *May be repeated for a maximum of 6 credits* • No S/U Grade Option • P: *HIST 586 or consent of instructor, nine credits of graduate work in history.* • *Department Consent Required*  
Supervised assignment to museum, archives, historical site, or other agency for working experience as a public historian. Work will apply research skills and knowledge of history to help solve community problems.

**HIST 793 Current Trends in History**

3 crs. • F even years • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Examines the emergence of history as a profession, major subfields today within the discipline of history, methodologies and models currently influencing the work of historians, and dominant issues presently engaging the attention of historians.

**HIST 795 Research Paper**

1-3 crs. • F, Sp, Su • *May be repeated* • PR Only  
Grade Basis • P: HIST 719

**HIST 797 Independent Study**

1-3 crs. • F, Sp, Su • *May be repeated* • No S/U Grade Option • *Department Consent Required*

**HIST 799 Thesis**

1-6 crs. • F, Sp, Su • *May be repeated* • PR Only  
Grade Basis • P: HIST 719  
• Full-time equivalent.



## INTERNATIONAL EDUCATION

Schofield 3  
715-836-4411  
[www.uwec.edu/cie/studyabroad](http://www.uwec.edu/cie/studyabroad)  
[studyabroad@uwec.edu](mailto:studyabroad@uwec.edu)

### PROGRAMS

No graduate degree programs offered.

### COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

### INTS

#### INTS 595 Directed Studies

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with INTS 395. Credit may not be earned in both courses. 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 698 International Education Internship

1-6 crs. • E, Sp, Su • IN • May be repeated for a maximum of 12 credits • A-F Grades Only • Department Consent Required

• Cross-listed with INTS 498. Credit may not be earned in both courses. 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.



## KINESIOLOGY

McPhee 208  
715-836-3840  
[www.uwec.edu/kin](http://www.uwec.edu/kin)

### GRADUATE FACULTY

Donald Bredle, Ph.D.  
Jeffrey M. Janot, Ph.D.  
Marquell J. Johnson, Ph.D.  
Mary LaRue, Ph.D.  
Jamie O'Connor, Ph.D.  
Robert C. Stow, Ph.D.  
Matthew S. Wiggins, Ed.D. (Chair)

### PROGRAMS

No graduate degree programs offered.

### COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from 300- and 400-level undergraduate courses. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level. Course restrictions listed are based on the undergraduate course. Questions regarding course restrictions for graduate students should be directed to the appropriate department office.

### KINS

#### KINS 512 Psychology of Sport and Physical Activity

3 crs. • E, Wi, Sp, Su • No S/U Grade Option

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

• Cross-listed with KINS 312. Credit may not be earned in both courses.

The course will examine psychological aspects which affect peak performance in sport, along with exploring the effect that sport and physical activity have on individuals.

#### KINS 513 Sociology of Sport and Physical Activity

3 crs. • E, Sp • No S/U Grade Option

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

• Cross-listed with KINS 313. Credit may not be earned in both courses.

Introduction to the social influences on sport and physical activity as well as the influence sport has on society.



**KINS 535 Introduction to School Health Education and Current Health Issues**

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with KINS 335. Credit may not be earned in both courses.

A theory and activity based course in which students will discover the importance of health education in the schools and explore current health issues surrounding our nation's youth.

**KINS 536 Strategies and Assessment in School Health Education**

3 crs. • F • No S/U Grade Option • P: KINS 335/535

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

• Cross-listed with KINS 336. Credit may not be earned in both courses.

This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes.

**KINS 537 Health Education Curriculum Design**

3 crs. • Sp • No S/U Grade Option • P: KINS 336/ KINS 536

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

• Cross-listed with KINS 337. Credit may not be earned in both courses.

Students will design and evaluate the effectiveness of School Health Education Curricula. Students will plan effective comprehensive health instruction with special emphasis on making curricular connections to effectively integrate health content into multiple disciplines.

**KINS 546 First Responder Apprenticeship**

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: KINS 204 or consent of instructor. • Instructor Consent Required

• Cross-listed with KINS 346.

Experience for qualified students, selected and supervised by faculty members to facilitate teaching and learning in an athletic training setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

**KINS 547 Coaching Apprenticeship**

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: KINS 292 or consent of instructor. • Instructor Consent Required

• Cross-listed with KINS 347.

Experience for qualified students, selected and supervised by faculty members to facilitate coaching and learning in a coaching setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

**KINS 548 Human Performance Apprenticeship**

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: KINS 309 or consent of instructor. • Instructor Consent Required

• Cross-listed with KINS 348.

Experience for qualified students, selected and supervised by faculty members to facilitate teaching and learning in a human performance setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

**KINS 550 Apprentice in Teaching Physical Education**

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: KINS 290 or consent of instructor. • Instructor Consent Required

• Cross-listed with KINS 350.

Experience for qualified students, selected and supervised by faculty members to facilitate teaching and learning in a specific course. Students enhance their knowledge and their ability to communicate that knowledge to other students.

**KINS 557 Essentials of Strength and Conditioning**

3 crs. • F, Sp • Special Course Fee Required • No S/U Grade Option • P: KINS 304 and 308.

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

• Cross-listed with KINS 357. Credit may not be earned in both courses. Completion of KINS 117 is strongly recommended prior to enrollment in this course for students who do not possess a basic knowledge of strength training technique.

This course provides an introduction to strength and conditioning program design, implementation, and evaluation.

**KINS 591 Special Topics**

1-3 crs. • V • No S/U Grade Option

• Cross-listed with KINS 391.

Special topic in kinesiology.

**KINS 617 Soft Tissue Manipulation in a Clinical Practice**

1 cr. • F, Sp • A-F Grades Only • P: BIOL 314 or equivalent; KINS 415 or concurrent enrollment; limited to admitted athletic training majors.

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

This course is designed to provide an understanding of soft tissue manipulation and how it is integrated into the full spectrum of patient management, via the use of manual and instrument assisted techniques.

**KINS 645 Basic Electrocardiography**

3 crs. • Wi • No S/U Grade Option • P: BIOL 151 or BIOL 214; KINS 308; or consent of instructor.

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

• Cross-listed with KINS 445. Credit may not be earned in both courses.

This course is designed to fill the needs of students who desire the ability to interpret the resting, normal, and abnormal ECG, as well as provide an overview of cardiac anatomy, function, and neurophysiology.

### **KINS 650 Applied Nutrition in Kinesiology**

3 crs. • Sp, Su • No S/U Grade Option • P: BIOL 151 or BIOL 214, or other equivalent course.

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

• Cross-listed with KINS 450. Credit may not be earned in both courses.

The purpose of this course is to gain insight into nutritional issues related to various populations. Students will assess dietary, physical, and performance standards related to these populations and develop alternative plans for healthy lifestyles.



### **KINS 660 Psychosocial Aspects of Injury and Illness**

3 crs. • V • No S/U Grade Option • P: PSYC 100; BIOL 151 or BIOL 214.

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

• Cross-listed with KINS 460. Credit may not be earned in both courses.

This course is designed to explore the psychosocial aspects of injury and illness, the psychosocial impact that injury/illness can have on a patient/client, and to develop skills in assisting patients/clients to respond effectively to injury/illness.

### **KINS 687 Assessment in Adapted Physical Education**

3 crs. • Sp • No S/U Grade Option • P: KINS 484 and SPED 200.

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

• Cross-listed with KINS 487. Credit may not be earned in both courses.

A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.

### **KINS 692 Coaching Practicum and Seminar**

4 crs. • F • CP; Special Course Fee Required • No S/U Grade Option • P: KINS 292 • Department Consent Required

Seminar Hours: 2 | Practicum Hours: 4

• Cross-listed with KINS 492. Credit may not be earned in both courses.

A capstone experience where the student develops a coaching portfolio. Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.

### **KINS 693 Practicum in Adapted Physical Education**

3 crs. • F, Sp • Special Course Fee Required • No S/U Grade Option • P: SPED 210 or SPED 306; KINS 484, KINS 487/KINS 687 or concurrent enrollment in KINS 487/KINS 687. • Department Consent Required

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

• Cross-listed with KINS 493. Credit may not be earned in both courses.

A lab course applying principles of programming and assessment in the special physical education environment.

### **KINS 695 Directed Studies in Physical Education**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with KINS 495.

Group study, under the immediate direction of a physical education faculty member, of a defined problem not covered in existing courses.

### **KINS 797 Independent Study**

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 9 credits • No S/U Grade Option • Department Consent Required

## LATIN AMERICAN STUDIES

Hibbard 353

715-836-4546

www.uwec.edu/las

### GRADUATE FACULTY

Analisa DeGrave, Ph.D. (Program Director)

Gerardo Licón, Ph.D.

### PROGRAMS

No graduate degree programs offered.

### COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

### LAS

#### LAS 509 Latin America Through Independence

3 crs. • V • No S/U Grade Option

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

• Cross-listed with LAS 309 and HIST 309/509. Credit may only be earned in one of these courses.

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

#### LAS 511 Latin America Since Independence

3 crs. • V • No S/U Grade Option

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

• Cross-listed with LAS 311 and HIST 311/511. Credit may only be earned in one of these courses.

Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

#### LAS 512 Latinos in the U.S.

2 crs. • E, Sp • No S/U Grade Option • P: SPAN 301 or consent of instructor.

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

• Cross-listed with LAS 312 and SPAN 312/512. Credit may only be earned in one of these courses.

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 521 Geography of Latin America

3 crs. • F • No S/U Grade Option

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

• Cross-listed with LAS 321 and GEOG 321/521. Credit may only be earned in one of these courses.

The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.

#### LAS 550 Latin American Literature in Translation

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with LAS 350 and FLTR 350/550. Credit may only be earned in one of these courses.

This course introduces students to Latin American authors and their writings in a historical and social context.

#### LAS 552 Latin American Civilization

3 crs. • E, Sp • No S/U Grade Option • P: SPAN 302 or consent of instructor. No credit if taken after SPAN 351.

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

• Cross-listed with LAS 352 and SPAN 352/552. Credit may only be earned in one of these courses.

Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.

#### LAS 567 Survey of Latin American Literature

3 crs. • E, Sp • No S/U Grade Option • P: SPAN 302 or consent of instructor.

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

• Cross-listed with LAS 367 and SPAN 367/567. Credit may only be earned in one of these courses. This course is recommended to be taken after study abroad.

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

#### LAS 595 Directed Study

1-4 crs. • E, Sp • May be repeated • A-F Grades Only

• P: Limited to Latin American Studies majors and minors. • Department Consent Required

• Instructor and LAS Program Director permission required.

Study of a particular topic, issue, language, or question related to Latin America or Latinos in the United States.

#### LAS 675 Topics in Latin American Literature

3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only

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

• Cross-listed with LAS 475 and SPAN 475/675. Credit may only be earned in one of these courses.

In-depth study of a particular area in Latin American literature.



## LATIN AMERICAN STUDIES

### **LAS 676 The Novel in Latin America I: 1850-1950**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567, or consent of instructor.

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

• Cross-listed with LAS 476 and SPAN 476/676. Credit may only be earned in one of these courses.

Study of the most important novelists of Latin America from 1850 to 1950.

### **LAS 677 The Novel in Latin America II: 1950-Present**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563, or SPAN/LAS 367/SPAN/LAS 567, or consent of instructor.

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

• Cross-listed with LAS 477 and SPAN 477/677. Credit may only be earned in one of these courses.

Continuation of SPAN/LAS 676. Covers period from 1950 to the present.

### **LAS 680 Latin American Literature and Film**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563 or SPAN/LAS 367/SPAN/LAS 567.

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

• Cross-listed with LAS 480 and SPAN 480/680. Credit may only be earned in one of these courses.

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.

### **LAS 688 Internship**

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 9 credits • A-F Grades Only • Instructor Consent Required

• Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.

Students engage in productive academic or professional activity while residing in a Latin American country or participating in an alternative intercultural experience.

### **LAS 691 Special Topics**

3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option • P: SPAN 301 or consent of instructor.

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

• Cross-listed with LAS 491. See current Class Schedule for specific topic.

In-depth study of a special topic in the area of literature, linguistics, or cultures of Latinos in the United States and/or the Spanish-speaking world.

### **LAS 698 Internship with Language Immersion**

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 9 credits • A-F Grades Only • Instructor Consent Required

• Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.

Students engage in productive academic or professional activity and enhance language proficiency while residing in a Latin American country or participating in an alternative intercultural experience for a minimum of six weeks. Fulfills LAS language immersion requirement.



## MATHEMATICS

Hibbard 508

715-836-3301

www.uwec.edu/math

### GRADUATE FACULTY

Chris Ahrendt, Ph.D.

Mohammad Aziz, Ph.D.

Jonathan J. Armel, Ph.D.

Abra Brisbin, Ph.D.

Veena Chadha, Ph.D.

Colleen Duffy, Ph.D.

Claudia M. Giamati, Ph.D.

Marc R. Goulet, Ph.D.

Jennifer Harrison, Ph.D.

Ryan Harrison, Ph.D.

Richard A. Heeg, Ph.D.

Christopher S. Hlas, Ph.D.

Michael Howe, Ph.D.

Jessica Kraker, Ph.D.

Dandrielle Lewis, Ph.D.

Carolyn Otto, Ph.D.

Michael Penkava, Ph.D.

Kristopher Presler, F.S.A.

Manda Riehl, Ph.D.

Sherrie Serros, Ph.D.

Alexander J. Smith, Ph.D. (Chair)

Simei Tong, Ph.D.

James Walker, D.A.

Ursula A. Witcher, Ph.D.

Vicki Whitledge, Ph.D.

### PROGRAMS

No graduate degree program offered.

### COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## MATH

### MATH 507 Mathematics and Music

3 crs. • Su • No S/U Grade Option • P: MATH 114 (or equivalent) or consent of instructor.

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

• Cross-listed with MATH 307. Credit may not be earned in both courses.

Using mathematics to understand, appreciate, and create music. Free audio processing software will be emphasized. Rock, jazz, classical, and experimental music will be analyzed. Connections are made to brain science and medicine.

### MATH 511 Differential Equations

3 crs. • V • No S/U Grade Option • P: MATH 216. Credit may not be earned in both MATH 311/MATH 511 and MATH 312.

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

• Cross-listed with MATH 311. Credit may not be earned in both courses.

Ordinary differential equations of first and second order, linear differential equations, Laplace transforms, series solutions, and systems of linear differential equations.

### MATH 513 Digital Signal Processing

3 crs. • F • No S/U Grade Option • P: MATH 215 or consent of instructor.

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

• Cross-listed with MATH 313. Credit may not be earned in both courses.

Fundamentals of digital signal processing. Fourier series, Fourier transforms and computerized Fourier transforms (FFTs) are described and applied to the analysis of digitized audio and digitized images.

### MATH 514 Discrete Mathematics

3 crs. • F, Sp • No S/U Grade Option • P: MATH 114 or MATH 212. No credit if taken after CS 240.

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

• Cross-listed with MATH 314. Credit may not be earned in both courses.

Introductory course in discrete mathematics. Topics include elementary combinatorics, graph theory, trees, and Boolean algebra. The course emphasizes an algorithmic approach to problem solving.

### MATH 515 Advanced Calculus I

3 crs. • V • No S/U Grade Option • P: MATH 216 and MATH 324/MATH 524.

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

• Cross-listed with MATH 315. Credit may not be earned in both courses.

Differential and integral calculus of several variables; vector calculus; line, surface, and space integrals including Green's theorem, Divergence theorem, and Stokes' theorem.

## MATHEMATICS

### **MATH 516 Introduction to Real Analysis**

3 crs. • F, Sp • No S/U Grade Option • P: MATH 216 and MATH 324/MATH 524.

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

• Cross-listed with MATH 316. Credit may not be earned in both courses.

Real numbers, introductory topological topics, limits, sequences of numbers, continuity, sequences of functions, and series.

### **MATH 518 Introduction to Complex Variables**

3 crs. • Sp • No S/U Grade Option • P: MATH 216

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

• Cross-listed with MATH 318. Credit may not be earned in both courses.

Elementary functions of a complex variable, complex integrals, and residue theory.

### **MATH 524 Linear Algebra and Matrix Theory**

4 crs. • F, Sp • No S/U Grade Option • P: MATH 215

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

• Cross-listed with MATH 324. Credit may not be earned in both courses.

An introductory course in linear algebra including matrix algebra, systems of linear equations, vector spaces, linear transformations, and eigenvalues.

### **MATH 530 Modern Geometry**

3 crs. • F, Sp • No S/U Grade Option • P: MATH 114

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

• Cross-listed with MATH 330. Credit may not be earned in both courses. Requires basic knowledge of Euclidean Geometry.

Contemporary and classical Euclidean geometry, with emphasis on constructions, transformations, and proof. The Mira and geometry software will be used to illustrate these topics. Some non-Euclidean geometry included.

### **MATH 535 Introduction to Point-Set Topology**

3 crs. • F even years • No S/U Grade Option • P: MATH 316/MATH 516.

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

• Cross-listed with MATH 335. Credit may not be earned in both courses.

Theory of sets, continuity of functions, neighborhoods of points, topological and metric spaces, connectedness and compactness.

### **MATH 545 Introduction to Probability and Mathematical Statistics**

4 crs. • F • No S/U Grade Option • P: MATH 215 or concurrent registration. Credit may not be earned in both MATH 345/545 and MATH 346/546.

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

• Cross-listed with MATH 345. Credit may not be earned in both courses. MATH 246 may not be taken for credit after or concurrently with MATH 345/545.

Counting techniques, discrete and continuous random variables, probability distributions, sampling distributions, estimation, hypothesis testing, linear regression, correlation, nonparametric statistics. Students who desire more extensive probability and statistics should take MATH 346/546, MATH 347/547.

### **MATH 546 Introduction to Probability**

4 crs. • F • No S/U Grade Option • P: MATH 216 or concurrent enrollment. Credit may not be earned in both MATH 345/545 and MATH 346/546.

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

• Cross-listed with MATH 346. Credit may not be earned in both courses.

Probability in discrete and continuous sample spaces; conditional probability; counting techniques; probability functions; binomial, Poisson, normal distributions; and transformations of variables.

### **MATH 547 Mathematical Statistics**

4 crs. • F, Sp • No S/U Grade Option • P: MATH 215; MATH 346/546.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Cross-listed with MATH 347. Credit may not be earned in both courses. MATH 246 may not be taken for credit after or concurrently with MATH 347/547.

Normal, chi-square, t, and F distributions; estimation; hypothesis testing; regression and correlation; analysis of variance; nonparametric statistics; and introduction to Bayesian inference.

### **MATH 551 Numerical Analysis I**

3 crs. • Wi • No S/U Grade Option • P: MATH 215 and either one of the following: CS 163, CS 170, CS 255, or consent of instructor.

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

• Cross-listed with MATH 351. Credit may not be earned in both courses.

Nonlinear equations, interpolation and approximation, least squares, systems of linear equations, and error analysis.

### **MATH 552 Numerical Analysis II**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with MATH 352. Credit may not be earned in both courses.

Numerical solution of differential equations, numerical differentiation and integration, and the eigenvalue problem.

### **MATH 554 Introduction to Mathematical Modeling**

4 crs. • Sp • No S/U Grade Option • P: MATH 215

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

• Cross-listed with MATH 354. Credit may not be earned in both courses.

Discrete dynamical systems, discrete and continuous stochastic models, empirical modeling using regression theory and interpolation techniques, modeling with differential equations and, depending on the interests of the instructor and students, topics from optimization and dimensional analysis.



### **MATH 555 Linear Programming**

3 crs. • F odd years • No S/U Grade Option • P: MATH 215

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

• Cross-listed with MATH 355. Credit may not be earned in both courses.

Introductory topics in linear programming including computational development of the simplex method, duality theory of linear programming, dual simplex method, transportation problem, and the use of a linear programming package.

### **MATH 558 Introduction to Optimization**

3 crs. • Sp odd years • No S/U Grade Option • P: MATH 215

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

• Cross-listed with MATH 358. Credit may not be earned in both courses.

An introduction to the theory and application of optimization techniques. Analytic and numerical methods for linear and nonlinear problems of both constrained and unconstrained type will be considered.

### **MATH 563 Studies of Women in Mathematics**

1-3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301.

• Cross-listed with MATH 363 and WMNS 363/563.

Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.

### **MATH 625 Abstract Algebra I**

3 crs. • F, Sp • No S/U Grade Option • P: MATH 324/MATH 524. No credit if taken after or concurrently with MATH 322.

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

• Cross-listed with MATH 425. Credit may not be earned in both courses.

An introduction to the abstract concepts of algebra such as groups, rings, and fields. Topics such as direct products, group homomorphisms, factor groups, integral domains, and polynomial rings will be included.

### **MATH 626 Abstract Algebra II**

3 crs. • Sp • No S/U Grade Option • P: MATH 425/MATH 625. No credit if taken after MATH 322.

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

• Cross-listed with MATH 426. Credit may not be earned in both courses.

A continuation of Math 425 including more advanced topics from groups, rings, and fields, such as the Sylow theorems, prime and maximal ideals, unique factorization domains, and finite fields.

### **MATH 650 Foundations of Actuarial Science**

3 crs. • F • No S/U Grade Option • P: MATH 425/MATH 625. No credit if taken after MATH 322.

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

• Cross-listed with MATH 450. Credit may not be earned in both courses.

Actuarial theory of financial mathematical models for contingent events as applied to insurance, annuities, pensions, and reserving. Together with Math 460, this course prepares students for the actuarial exam covering contingent payments.

### **MATH 651 Teaching Mathematics with Technology**

3 crs. • F, Sp • No S/U Grade Option • P: ES 203, ES 212; MATH 414. Credit may not be earned in both MATH 451/651 and MATH 453/653.

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

• Cross-listed with MATH 451. Credit may not be earned in both courses. May not be counted for credit toward a major or minor in mathematics except in the Mathematics Teaching Major, the Mathematics Teaching minor, and the Minor: Mathematics, Middle Childhood-Early Adolescence.

In this course students will investigate teaching mathematics effectively with technology. Technology used includes graphing calculators, spreadsheets, interactive software, and calculator based laboratories. Topics include functions, statistics, probability, geometry, and mathematical modeling.

### **MATH 656 Operations Research**

2-3 crs. • Sp even years • No S/U Grade Option • P: MATH 215

• Cross-listed with MATH 456. Credit may not be earned in both courses. Students who have earned credit in an upper division linear programming course may earn only two credits in this course. This two-credit option is available only to those who have taken such a course. For students earning two credits due to this restriction, attendance will be optional during the linear programming unit.

An introduction to the theory and application of operations research techniques. Several important topics including linear programming, inventory models, waiting time models, and replacement models will be discussed.

### **MATH 660 Continent Payment Analysis**

3 crs. • Sp • No S/U Grade Option • P: MATH 450/MATH 650

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

• Cross-listed with MATH 460. Credit may not be earned in both courses.

Actuarial theory of reserves, multiple life models, multiple decrement models, Poisson processes, and multi-state transition models. Together with Math 450, this course prepares students for the actuarial exam covering contingent payments.

## MATHEMATICS

### **MATH 662 History of Mathematics**

3 crs. • V • No S/U Grade Option • P: MATH 114  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with MATH 462. Credit may not be earned in both courses.

A study of mathematics from a historical point of view beginning with the work of the early Greek mathematicians and including selected mathematicians and periods of mathematical development up to the present.

### **MATH 670 Mathematical Models for Financial Economics**

4 crs. • F • A-F Grades Only  
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0  
• Cross-listed with MATH 470. Credit may not be earned in both courses.

Mathematical theory of options including binomial and Black-Schoels 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 691 Special Topics**

1-3 crs. • V • May be repeated for a maximum of 9 credits • No S/U Grade Option  
• Cross-listed with MATH 491.

A variable content course designed to allow a breadth of study through investigation of mathematical topics not covered in other courses. Special interests of instructors will be utilized to provide topics.

### **MATH 694 Mathematics Seminar**

1 cr. • F, Sp • May be repeated for a maximum of 3 credits • No S/U Grade Option  
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0  
• Cross-listed with MATH 494.

An intensive study of selected topics in mathematics. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

### **MATH 704 Mathematics for Middle School Teachers**

3 crs. • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Topics include number and number sense, probability, statistics, reasoning, problem solving, patterns and functions, geometry, measurement, and algebra.

### **MATH 707 Current Issues in Mathematics Teaching**

3 crs. • May be repeated • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
A particular current trend in mathematics education will be the theme for each offering. Focus will be on mathematical content necessary to design instruction and develop curriculum. Nonthematic issues will also be discussed.

### **MATH 710 Selected Topics in Calculus**

1-3 crs. • No S/U Grade Option • P: Minimum eight credits of Calculus or consent of instructor • Instructor Consent Required

An in-depth investigation of elementary calculus from an advanced viewpoint, including functions, limits, continuity, integrals, derivatives, and related applications.

### **MATH 719 Introduction to Real Analysis**

3 crs. • No S/U Grade Option • P: MATH 215  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Selected topics including sets, the real number system, mappings, sequences, limits, continuity, the derivative, and the integral.

### **MATH 721 Foundations of Algebra**

3 crs. • No S/U Grade Option • P: MATH 425/625  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Set theory, mappings, the integers, groups, rings, and vector spaces.

### **MATH 731 Vector Methods in Geometry**

3 crs. • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Applications of vector methods to Euclidean geometry.

### **MATH 732 Advanced Geometry**

3 crs. • No S/U Grade Option • P: One course in Calculus  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Advanced study of geometry including Euclidean, non-Euclidean, projective, and affine geometries.

### **MATH 742 Logic and Mathematics**

3 crs. • No S/U Grade Option  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Symbolic logic and its use in mathematics, including proof, demonstration, and applications in abstract mathematical systems.

### **MATH 748 Applied Statistical Procedures**

3 crs. • No S/U Grade Option • P: MATH 246 or consent of instructor.  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Includes methods of estimation, parametric and non-parametric tests of significance, linear regression and correlation, and analysis of variance for one-way or two-way crossed classified data. Applications include the use of computers.

### **MATH 749 Probability and Statistics Workshop**

3 crs. • No S/U Grade Option • Instructor Consent Required  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Applications of probability and statistics which can be used by the secondary school teacher to motivate and enrich traditional mathematics classes and as topics in upper-level classes where some course content in probability or statistics is desired.

### **MATH 751 Technology in Mathematics**

3 crs. • No S/U Grade Option • P: MATH 216

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

• Requires basic knowledge of Euclidean geometry.

The use of graphing calculators and computer software to enhance understanding of mathematical concepts and to formulate statements of theorems and solutions to problems is explored.

### **MATH 755 Linear and Nonlinear Programming**

3 crs. • No S/U Grade Option • P: MATH 216 and MATH 324/MATH 524.

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

Introductory topics in linear and nonlinear programming including the simplex method for solving a linear program and Wolf's method for solving a quadratic program; and duality theory for linear, quadratic, and nonlinear programming.

### **MATH 765 Number Theory**

3 crs. • No S/U Grade Option

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

Foundations of number theory emphasizing congruences, selected number theoretic functions, Diophantine equations, continued fractions, and other classical problems.

### **MATH 791 Special Topics**

3 crs. • May be repeated for a maximum of 12 credits

• No S/U Grade Option • P: Limited to MAT/MST MATH or MEPD program.

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

• Permission of academic program adviser required.

A variable content course designed to allow breadth of study through investigation of mathematical topics not covered in other courses.

### **MATH 793 Directed Studies**

1-3 crs. • May be repeated • No S/U Grade Option

Permits students to undertake independent studies under the direction of a graduate faculty member.

### **MATH 794 Graduate Mathematics Seminar**

1 cr. • May be repeated • No S/U Grade Option •

Instructor Consent Required

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

### **MATH 795 Research Paper**

1-2 crs. • May be repeated • PR Only Grade Basis •

Instructor Consent Required

### **MATH 797 Independent Study**

1-3 crs. • May be repeated • No S/U Grade Option •

Department Consent Required

### **MATH 799 Thesis**

1-6 crs. • May be repeated • PR Only Grade Basis •

Instructor Consent Required

• Full-time equivalent.

## **MBA PROGRAM (MBA)**

### **MBA DIRECTOR**

Robert C. Erffmeyer, Ph.D.

### **MBA PROGRAM OFFICE**

Schneider 215

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

[www.uwec.edu/cob/graduate](http://www.uwec.edu/cob/graduate)

[uwecmba@uwec.edu](mailto:uwecmba@uwec.edu)

### **MBA PROGRAM FACULTY**

#### **ACCOUNTING AND FINANCE**

Rajarshi Aroskar, Ph.D. (Chair)

D'Arcy Becker, Ph.D.

Dawna Drum, Ph.D.

Jay Holmen, Ph.D.

Kristopher Kemper, Ph.D.

Nan Hu, Ph.D.

Ling Liu, Ph.D.

Bill Miller, Ed.D.

William Ogden, D.B.A.

Pedro Sottile, Ph.D.

#### **BUSINESS COMMUNICATION**

Jack Hoggatt, Ed.D.

Paula Lentz, Ph.D. (Program Director)

Marcy Orwig, Ph.D.

#### **INFORMATION SYSTEMS**

Liqiang Chen, Ph.D.

Thomas S. E. Hilton, Ph.D. (Chair)

Anthony C. Keys, Ph.D.

Jean A. Pratt, Ph.D.

Ruidong Zhang, Ph.D.

#### **MANAGEMENT AND MARKETING**

Joseph Bonner, Ph.D.

Robert C. Erffmeyer, Ph.D. (MBA Director)

Diane Hoadley, J.D.

Todd J. Hostager, Ph.D.

Jennifer Johs-Artisensi, Ph.D.

Jian-yu Ke, Ph.D.

Kristy Lauver, Ph.D. (Chair)

Scott Lester, Ph.D.

Abraham Nahm, Ph.D.

Douglas Olson, Ph.D.

Rhetta Standifer, Ph.D.

Scott Swanson, Ph.D.

Timothy Vaughan, Ph.D.

Rebecca Wyland, Ph.D.

Rama Yelkur, D.B.A.



## MBA PROGRAM

### 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 PREREQUISITES

Individuals must complete the following MBA program course prerequisites prior to receiving full admission status in the MBA program:

Algebra for Calculus  
Elementary Statistics  
Information Systems in Business  
Operations Management  
Organizational Behavior  
Principles of Accounting I and II  
Principles of Finance  
Principles of Macroeconomics  
Principles of Microeconomics  
Principles of Marketing

Course prerequisites may be satisfied by taking either graduate 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 Interna-

tional institution may request a special course review by members of the UW-Eau Claire MBA faculty or complete validation examinations.

**MBA Foundation Courses.** MBA Foundation Courses are graduate-level courses that enable students to complete MBA program course prerequisites at an accelerated pace. The entire Foundation program can be completed in one year. All graduate coursework must be completed with a grade of B (3.00) or above.

Acct	703	Accounting Foundations for Business Decisions
Acct	704	Accounting Foundations for Management Decisions
Econ	703	Microeconomics Foundation
Econ	704	Macroeconomics Foundation
Fin	720	Foundations of Managerial Finance
IS	740	Managing Information Technology Foundation
Math	109	Algebra for Calculus
Math	246	Elementary Statistics
or		
Bsad	702	Statistical Analysis Foundation
Mgmt	740	Organizational Management Foundation
Mgmt	741	Operations Foundation
Mktg	730	Marketing Analysis Foundation

**Foundations of Business Certificate.** A 13-credit certificate is offered for those without an undergraduate degree in business who are completing their business course prerequisites. Courses in the certificate program can be applied towards the MBA program course prerequisites. Seven credits must be completed from Acct 703 and 704, Mktg 730, and Mgmt 740. Six additional credits may 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 any time during the year. A candidate for admission must submit to the Admissions Office, 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.

A student with probationary or conditional status will be reclassified to full standing when all requirements have been satisfied.

### 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 scores.

### SATISFACTORY ACADEMIC PROCESS

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 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.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from 300- and 400-level undergraduate courses. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level. Course restrictions listed are based on the undergraduate course. Questions regarding course restrictions for graduate students should be directed to the appropriate department office.

## ACCOUNTING AND FINANCE COURSES ACCT

### **ACCT 501 Intermediate Accounting I**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with ACCT 301. Credit may not be earned in both courses.

Development and implementation of the conceptual and practical aspects of valuation and income determination, time value of money, accounting changes, inventory valuation, and current and non-current assets. Special emphasis on GAAP as it relates to topics being covered.

### **ACCT 502 Intermediate Accounting II**

3 crs. • F, Sp • No S/U Grade Option • P: ACCT 301/501. Limited to MBA students.

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

• Cross-listed with ACCT 302. Credit may not be earned in both courses.

Development and implementation of the conceptual and practical aspects of valuation and income determination, with emphasis on intangible assets, retained earnings and contributed capital, earnings per share, pensions, leases, tax allocation, current and long-term liabilities, statement of cash flows, statement analysis, interim and segment reporting. Special emphasis on GAAP as it relates to topics being covered.

### **ACCT 505 Environmental and Sustainability Accounting**

3 crs. • V • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with ACCT 305. Credit may not be earned in both courses.

An introduction to environmental accounting and its role in financial/managerial accounting. Topics include environmental liabilities, sustainability reporting, external agencies, and the attest function, socially responsible investing, emissions trading, tax considerations, and eco-efficiency indicators.

### **ACCT 513 Auditing**

3 crs. • F, Sp • No S/U Grade Option • P: ACCT 302/502. Limited to MBA students.

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

• Cross-listed with ACCT 313. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Basic coverage of all steps in creating audit programs according to the audit risk model, and current issues in auditing. Specific coverage includes company risk evaluation, internal control, company analysis, and audit reporting.

### **ACCT 514 Cost Accounting**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with ACCT 314. Credit may not be earned in both courses.

Principles of cost accounting, emphasizing analysis of materials, labor, and factory overhead; application of standard costing to job order and process cost systems; analysis of cost behavior in the manufacturing firm with exposure to cost-profit-volume relationships, break-even analysis, and direct costing.

### **ACCT 521 Introduction to Income Tax**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with ACCT 321. Credit may not be earned in both courses.

Introduction and application of accounting and legal concepts underlying federal and Wisconsin income tax laws applicable to gross income, exclusions, business and nonbusiness deductions, gains and losses, credits, and tax computations.

### **ACCT 534 Advanced Cost Accounting**

3 crs. • V • No S/U Grade Option • P: ACCT 314/514. Limited to MBA students.

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

• Cross-listed with ACCT 334. Credit may not be earned in both courses.

A continuation of Acct 314/514, with special emphasis on managerial profit analysis, planning, and control; direct costs, distributed costs by-product and joint product costs; differential and comparative costs, and variances.

### **ACCT 601 Advanced Financial Accounting**

3 crs. • F, Sp, Su • No S/U Grade Option • P: ACCT 302/502. Limited to MBA students.

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

• Cross-listed with ACCT 401. Credit may not be earned in both courses.

Accounting for multiunit business enterprises; consolidated balance sheets, income statements, and statement of cash flows; Security and Exchange Commission reporting; foreign currency transactions and translation; international operations; and liquidation of partnerships.



**ACCT 602 Contemporary Issues in Accounting**

3 crs. • V • No S/U Grade Option • P: ACCT 401/601 and ACCT 313/513 or concurrent enrollment in ACCT 313/513. Limited to MBA students.

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

• Cross-listed with ACCT 402. Credit may not be earned in both courses.

An analysis of advanced accounting issues designed to provide a bridge between accounting "theory" and "practice."

**ACCT 604 Income Tax Assistance**

2 crs. • Sp • May be repeated for a maximum of 2 credits • No S/U Grade Option • P: ACCT 321/521 and BSAD 300. Limited to MBA students. • Department Consent Required

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

• Cross-listed with ACCT 404.

Course provides students with instruction in state and federal personal income taxes in conjunction with the IRS/Volunteer Income Tax Assistance program. Students will prepare income tax returns at various sites on and off campus.

**ACCT 605 International Accounting**

3 crs. • Sp • No S/U Grade Option • P: ACCT 302/502. Limited to MBA students.

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

• Cross-listed with ACCT 405. Credit may not be earned in both courses.

A study of the international dimensions of accounting, including the patterns of accounting development found in other nations, the promulgation of worldwide accounting standards, and the accounting problems associated with multinational corporate operations.

**ACCT 609 Seminar in Accounting**

1-3 crs. • V • May be repeated for a maximum of 3 credits • No S/U Grade Option • P: ACCT 321/521 or concurrent enrollment. Limited to MBA students.

• Cross-listed with ACCT 409. Credit may not be earned in both courses.

An in-depth analysis of relevant accounting topics adapted to student and program needs with emphasis on student interests and faculty expertise.

**ACCT 610 Investment and Retirement Plan Accounting**

3 crs. • V • No S/U Grade Option • P: ACCT 302/502 and ACCT 321/521. Limited to MBA students.

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

• Cross-listed with ACCT 410. Credit may not be earned in both courses.

Coverage of investment planning and advising for clients, retirement plan accounting, and tax considerations in retirement planning.

**ACCT 615 Advanced Auditing and Consulting**

3 crs. • V • No S/U Grade Option • P: ACCT 313/513. Limited to MBA students.

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

• Cross-listed with ACCT 415. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

In-depth analysis of current audit topics and research, including legal liability, operational audits, audit effectiveness, environmental costs, and statistical sampling. Concentration includes EDP auditing.

**ACCT 617 Governmental and Nonprofit Organization Accounting**

3 crs. • V • No S/U Grade Option • P: ACCT 302/502. Limited to MBA students.

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

• Cross-listed with ACCT 417. Credit may not be earned in both courses.

An introduction to accounting principles for governmental units; educational institutions; hospitals; voluntary health and welfare organizations; and other nonprofit organizations. Includes budgetary and financial reporting requirements of these organizations.

**ACCT 619 Financial Accounting Theory**

3 crs. • V • No S/U Grade Option • P: ACCT 302/502. Limited to MBA students.

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

• Cross-listed with ACCT 419. Credit may not be earned in both courses.

In-depth analysis of several selected problems of contemporary interest in the areas of valuation and income determination as related to the broader topics of concepts of income and formulation of accounting theory, with extensive readings of the Financial Accounting Standards and professional journal articles.

**ACCT 620 Fraud Investigation and Prevention**

3 crs. • F • No S/U Grade Option • P: ACCT 302/502 and ACCT 313/513. Limited to MBA students.

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

• Cross-listed with ACCT 420. Credit may not be earned in both courses.

Coverage of fraud methods, fraud investigation, and fraud prevention through internal controls. Emphasis on financial and asset misappropriation frauds.

**ACCT 623 Advanced Tax Accounting**

3 crs. • F • No S/U Grade Option • P: ACCT 321/521. Limited to MBA students.

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

• Cross-listed with ACCT 423. Credit may not be earned in both courses.

Federal income taxation of entities including C corporations, S corporations, partnerships, trusts, and estates. Federal, estate, and gift taxation. Business and family tax planning.

### **ACCT 625 Ethics in Accounting**

3 crs. • F • No S/U Grade Option • P: ACCT 302/502 and ACCT 313/513. Limited to MBA students.

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

• Cross-listed with ACCT 425. Credit may not be earned in both courses.

An introduction to ethics and professional responsibility in accounting. Coverage includes models of ethical reasoning, ethical dilemmas in accounting, and creating solutions to those ethical dilemmas.

### **ACCT 630 Accounting Systems**

3 crs. • F, Sp • No S/U Grade Option • P: ACCT 302/502. Limited to MBA students.

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

• Cross-listed with ACCT 430. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.

Analysis, design, and documentation of accounting systems; includes transaction processing, internal accounting controls, data management, flowcharting, financial reporting, various types of technology, and ethical issues.

### **ACCT 635 Advanced Accountings Systems and EDP Auditing**

3 crs. • V • No S/U Grade Option • P: ACCT 430/630. Limited to MBA students.

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

• Cross-listed with ACCT 435. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.

This course provides an integrated accounting and information systems experience by using information systems knowledge to address accounting issues of internal control and computer auditing.

### **ACCT 644 Profit Management and Budgetary Control**

3 crs. • V • No S/U Grade Option • P: ACCT 302/502 and ACCT 314/514. Limited to MBA students.

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

• Cross-listed with ACCT 444. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Theory and procedures for profit planning; financial and operating budgets as managerial devices in coordination and control; program and operational budgeting and cost analysis.

### **ACCT 649 Accounting Theory and Research**

3 crs. • V • No S/U Grade Option • P: ACCT 313/513, ACCT 314/514, ACCT 321/521, and ACCT 401/601. Limited to MBA students.

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

In-depth study of accounting theory (and research) including the conceptual framework and principles underlying all Accounting Standards. Students will use the accounting literature to research contemporary issues in accounting.

### **ACCT 650 Financial Statement Analysis**

3 crs. • F, Sp • No S/U Grade Option • P: ACCT 302/502 and ACCT 321/521. Limited to MBA students.

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

• Cross-listed with ACCT 450. Credit may not be earned in both courses.

An in-depth study of the techniques of financial statement analysis. Topics will include ratio analysis, liquidity analysis, capital structure analysis, and profitability analysis.

### **ACCT 660 Accounting Technology and Applications**

3 crs. • F, Sp • No S/U Grade Option • P: ACCT 302/502, ACCT 314/514, and ACCT 321/521. Limited to MBA students.

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

• Cross-listed with ACCT 460. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.

An overview of technology as it relates to the practice of accounting. Possible topics include enterprise accounting systems, small business accounting packages, tax preparation packages, cost analysis packages, and spreadsheet and database applications in accounting.

### **ACCT 703 Accounting Foundations for Business Decisions**

2 crs. • F, Sp, Su • Higher Cost Per Credit • No S/U Grade Option

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

• Not for MBA degree credit. ACCT 703 may be taken concurrently with ACCT 704. No credit if taken after ACCT 201.

Examination of basic financial statements and accounting systems. Emphasis on statement analysis, cash flows, inventory methods, long-term assets and tax considerations. Capital markets, financing, and other liabilities will be covered.

### **ACCT 704 Accounting Foundations for Management Decisions**

1 cr. • F, Sp, Su • Higher Cost Per Credit • No S/U Grade Option • P: ACCT 703 or equivalent, or concurrently with ACCT 704. Limited to MBA students.

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

• Not for MBA degree credit. ACCT 704 may be taken concurrently with ACCT 703.

An overview of accounting information needed for informed management decisions. Topics include cost concepts and behavior, product costing, allocation, and budgeting.

### **ACCT 797 Independent Study**

1-3 crs. • V • May be repeated • No S/U Grade Option • Department Consent Required

## FIN

**FIN 521 Financial Markets and Institutions**

3 crs. • F • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 321. Credit may not be earned in both courses.

A study of the U.S. financial system. Topics include the Federal Reserve System, term structure of interest rates, financial markets, instruments and financial institutions including regulation of commercial banks.

**FIN 522 Investments**

3 crs. • Sp • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 322. Credit may not be earned in both courses.

Overview of security markets. Analysis of stocks, bonds, and other securities. Evaluation of risk and return characteristics and market efficiency.

**FIN 525 International Financial Management**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 325. Credit may not be earned in both courses.

An introduction to the international elements of a business's operating environment. Topics include global economic factors, risk management, cost of capital, capital budgeting, and financing in a global environment.

**FIN 526 Short Term Financial Management**

3 crs. • V • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 326. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Short term financial management includes the management of working capital accounts. Banking relations and performance analysis will complete the tools required for a financial manager.

**FIN 527 Long Term Financial Management**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 327. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Long term financing and investment issues to include capital budgeting methods, cash flow determination, risk analysis, long term debt, preferred and common stock financing, and leasing.

**FIN 528 Introduction to Derivative Securities**

3 crs. • F, Sp • No S/U Grade Option • P: FIN 320 and FIN 328. Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Introduction to options, futures, and forward contracts as financial instruments used to control various types of business risk.

**FIN 620 Corporate Valuation**

3 crs. • Sp • No S/U Grade Option • P: FIN 327/527. Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 420. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Applications of financial management theories and tools to decisions in capital budgeting, financial structure, current asset management, etc. Application is done through use of case and computer analysis.

**FIN 624 Portfolio Management**

3 crs. • F • No S/U Grade Option • P: FIN 322/522. Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 424. Credit may not be earned in both courses.

Students will create and manage mock portfolios to learn asset allocation, portfolio construction, and management methods. Other topics include developing investment policies, the psychology of portfolio choices, ethics, and standards of practice in portfolio management.

**FIN 625 Commercial Bank Management**

3 crs. • V • No S/U Grade Option • P: FIN 321/521 or ECON 321. Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 425. Credit may not be earned in both courses.

This introduction to commercial bank management includes topics on the structure of banks and issues in banking. Develops a theoretical and case oriented analysis of asset and liability management techniques.

**FIN 626 Topics in Finance**

1-3 crs. • V • May be repeated • No S/U Grade Option • P: Limited to MBA students.

• Cross-listed with FIN 426.

Covers a variety of advanced topics to be determined by faculty interest and student demand.

**FIN 628 Advanced Derivative Securities**

3 crs. • F, Sp • No S/U Grade Option • P: FIN 328. Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 428. Credit may not be earned in both courses.

Quantitative analysis and pricing of derivative instruments and contracts.

**FIN 629 Wealth Management**

3 crs. • V • No S/U Grade Option • P: FIN 322. Limited to MBA students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with FIN 429. Credit may not be earned in both courses.

Understand the individual wealth management process including investment policy statements, asset allocation, implementation and performance evaluation; understand alternative asset classes; understand wealth preservation and protection; understand individual investor behavior.



## MBA PROGRAM

### FIN 634 Portfolio Theory

3 crs. • V • No S/U Grade Option • P: FIN 424. Limited to MBA students.

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

• Cross-listed with FIN 434. Credit may not be earned in both courses.

Introduction to portfolio theories and asset pricing models. Includes mathematical methods of asset pricing, portfolio optimization, and performance measurement and evaluation.

### FIN 720 Foundations of Managerial Finance

2 crs. • F, Sp • Higher Cost Per Credit • No S/U Grade Option • P: ACCT 703 or equivalent; BSAD 702 or equivalent; or MATH 246.

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

• Not for MBA degree credit.

Overview of fundamental issues and concepts in finance. Designed for graduate students in business who have no previous background in finance.

## BUSINESS COMMUNICATION COURSES

### BCOM

#### BCOM 506 Advanced Business Writing

2 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with BCOM 306. Credit may not be earned in both courses.

Further develop your writing skills by creating formal business reports, news releases, instructions, and brochures. Explore writing for print vs. electronic environments. Develop a professional employment portfolio.

#### BCOM 507 Advanced Business Presentations

2 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students. • Instructor Consent Required

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

• Cross-listed with BCOM 307. Credit may not be earned in both courses.

Theory and practice in making presentations in a variety of professional settings using a variety of support media. Student presentations are evaluated.

#### BCOM 517 Administrative Management

3 crs. • V • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with BCOM 317. Credit may not be earned in both courses.

The role of the first-line supervisor in the organization is examined. Units with projects covering planning tools, employee selection, orientation and training, office productivity, and job analysis are covered.

### BCOM 605 Advanced Business Communications

2 crs. • F, Sp • CP • No S/U Grade Option • P: Limited to MBA students. • Instructor Consent Required

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

• Cross-listed with BCOM 405. Credit may not be earned in both courses.

An in-depth application of written, oral, and nonverbal communication. The class simulates a business organization involved with preparing, organizing, and delivering communication training seminars. Considerable emphasis on interpersonal and organizational communication within business.

### BCOM 695 Directed Studies

1-3 crs. • May be repeated • No S/U Grade Option • P: Limited to MBA students. • Department Consent Required

• Cross-listed with BCOM 495. Permission of department chair for each new topic.

Permits a student or group of students to pursue a defined problem in an intensive way under the direction of departmental faculty members.

### BCOM 705 Teaching Business Communications - Secondary and Post-secondary Levels

2 crs. • Su odd years • No S/U Grade Option

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

Instruction for graduate students interested in teaching Business Communications at the secondary and post-secondary level. This course will involve mastery of business communications content and the teaching methodology appropriate for the subject area.

### BCOM 797 Independent Study

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required

### BCOM 799 Thesis

1-4 crs. • May be repeated • PR Only Grade Basis • Full-time equivalent.



## INFORMATION SYSTEMS COURSES

### IS

#### IS 504 Fundamentals of Business Programming

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with IS 304. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Fundamental skills and knowledge for programming business applications including interface design, writing documentation, and using debugging tools. Procedural programming structures and design considerations and interface object use are presented in a state-of-the-art integrated development environment.

#### IS 510 Systems Analysis and Design

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with IS 310. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Introduces theory and practice of systems analysis and design. Topics include determining business requirements, documenting organizational processes, analyzing information flows, reengineering/designing information systems, and managing projects. Team project required.

#### IS 514 Business Software Engineering

3 crs. • F, Sp • No S/U Grade Option • P: IS 304/504; IS 310/510 or concurrent enrollment; or consent of instructor. Limited to MBA students.

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

• Cross-listed with IS 314. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Develops object-oriented programming skills to the intermediate level. Develops techniques of data access, input, output, and processing in a business environment using programming tools. Utilizes beginning SQL programming techniques and a state-of-the-art integrated development environment.

#### IS 544 Database Management Systems

3 crs. • F, Sp • No S/U Grade Option • P: IS 304/504 and IS 310/510. Limited to MBA students.

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

• Cross-listed with IS 344. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Study of physical and logical design and structure of relational databases; overview of SQL; hands-on experience with client/server database management software. Group project required.

#### IS 545 Networking with Client Operating Systems

3 crs. • F, Sp • No S/U Grade Option • P: IS 304/504; IS 310/510 or concurrent enrollment. Limited to MBA students.

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

• Cross-listed with IS 345. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Study of enterprise networking from a client operating system perspective. Theory and practice of topics such as networking models, domains, Active Director, domain client, desktop/user profiles, resource sharing, authentication, and network security.

#### IS 565 Information Assurance

3 crs. • F, Sp • No S/U Grade Option • P: IS 310/510 or ACCT 430/630. Limited to MBA students.

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

• Cross-listed with IS 365. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Conceptual frameworks for information assurance: asset valuation, security threats, risk assessment, policy development, policy implementation, controls, business continuity planning, and disaster recovery. Communication and analytical skills are enhanced through a case-based approach.

#### IS 575 Server-based Networking & Security

3 crs. • F, Sp • No S/U Grade Option • P: IS 304/504 and IS 345/545. Limited to MBA students.

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

• Cross-listed with IS 375. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Study of enterprise networking from a server operating system perspective. Theory and practice of topics such as domain creation, Active Directory management and delegation, scripting, security policies, roaming profiles, access permissions, and security auditing.

#### IS 610 Network and Data Security

3 crs. • V • No S/U Grade Option • P: IS 304/504 and IS 345/545. Limited to MBA students.

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

• Cross-listed with IS 410. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Addresses hardware and software fundamentals of network security including access control security, information security, and security planning and development. Develops students' working knowledge of available methods and tools for enhancing enterprise data and network security.

### **IS 611 Object-Oriented Systems**

3 crs. • F, Sp • P: IS 304/504 and IS 310/510. Limited to MBA students.

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

• This course requires access to a laptop computer which can be brought to class when required.

Use the object-oriented approach to design complex information systems with UML and the Unified Process for improved quality and reusability. Covers OO techniques, design patterns, multi-tier systems, OO CASE tools, and OO development.

### **IS 620 Internship in Information Systems II**

1-3 crs. • F, Sp, Su • IN; Special Course Fee Required

• May be repeated for a maximum of 6 credits • No S/U Grade Option • P: Limited to MBA students. • Department Consent Required

• Cross-listed with IS 420. Full-time equivalent. IS 310/510, 344/544, and 345/545 are recommended prior to enrollment in this course. Internship enrollment form available in IS department office.

Coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business applications related to IS major.

### **IS 650 Distributed Systems Development**

3 crs. • F, Sp • No S/U Grade Option • P: IS 314/514 or equivalent; IS 344/544 and 345/545; or consent of instructor. Limited to MBA students.

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

• Cross-listed with IS 450. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

A study of the content, theory, and methodology of distributed systems application development. Specifically, the course covers n-tier and web-based development.

### **IS 655 Project Management**

3 crs. • F, Sp • No S/U Grade Option • P: IS 304/504, 310/510, and MGMT 340. Limited to MBA students.

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

• Cross-listed with IS 455. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Focus on information systems projects: methodology selection, initiating, planning, executing, control and closing. Issues of time, scope, cost, quality and risk are investigated. Writing and software development skills are enhanced.

### **IS 660 Seminar in Information Systems**

3 crs. • F, Sp • CP • No S/U Grade Option • P: IS 344/544 and IS 345/545. Limited to MBA students.

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

• Cross-listed with IS 460. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

In-depth study of current IS topics and discussion of current IS issues and trends. Includes integrated communication component and team-based information systems development project.

### **IS 675 Electronic Business**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with IS 475. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Basics of electronic commerce on the Internet, electronic data interchange, electronic funds transfer, etc. Students will address current applications for a wide range of businesses.

### **IS 740 Managing Information Technology Foundation**

2 crs. • F, Sp • Higher Cost Per Credit • No S/U Grade Option

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

• No credit if taken after IS 240. Not for MBA degree credit.

Study of the managerial process used when working with information and information systems. Specific attention is given to the principles of systems development and underlying concepts.

### **IS 797 Independent Study**

1-3 crs. • V • May be repeated • No S/U Grade Option • Department Consent Required

## **MANAGEMENT AND MARKETING COURSES**

### **BSAD**

#### **BSAD 506 Business Law**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with BSAD 306. Credit may not be earned in both courses. BSAD 305 is recommended prior to enrollment in this course.

Law of contracts, sales, negotiable instruments, secured transactions, suretyship, bankruptcy, accountant's legal liability, personal property, bailments and documents of title, real estate, wills, trusts, and insurance.

#### **BSAD 702 Statistical Analysis Foundation**

2 crs. • F, Sp • Higher Cost Per Credit • No S/U Grade Option

• Not for MBA degree credit

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

Emphasis placed on applied business statistics. Discussion focuses on probability, frequency and probability distributions, mean and variance, normal, chi-square, t and F distributions, hypothesis testing, regression, correlation, nonparametric statistics, and analysis of variance.

#### **BSAD 797 Independent Study**

1-3 crs. • V • May be repeated • No S/U Grade Option • Department Consent Required



## HCAD

### HCAD 501 Foundations of Quality Management Systems in Health Service

3 crs. • F • *Field Trip(s) Required; Special Course Fee Required • No S/U Grade Option • P: HCAD 101, IDIS 201. • Instructor Consent Required*

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

• Cross-listed with HCAD 301. Credit may not be earned in both courses. HCAD undergraduate students in their last fall on campus are eligible to enroll. Special course fee for criminal background check required of all HCAD practicum students.

An exploration of the technical, managerial and organizational issues that are important in understanding and implementing quality management systems in health service organizations.

### HCAD 502 Leadership and Management Practices in Health Services

3 crs. • Sp • *Field Trip(s) Required • No S/U Grade Option • P: HCAD 101 • Instructor Consent Required*

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

• Cross-listed with HCAD 302. Credit may not be earned in both courses. HCAD undergraduate students in their last spring on campus or ENPH junior status or above undergraduate and graduate students are eligible to enroll.

An exploration of necessary administrative skills of health services leadership including: strategic planning; quality management; financial management; human resources management; government relations; marketing; and the ability to apply these concepts within a health system.

### HCAD 691 Special Topics

1-3 crs. • *May be repeated for a maximum of 6 credits • No S/U Grade Option • Instructor Consent Required*

• Cross-listed with HCAD 491.

A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other health care administration courses.

## INTB

### INTB 535 International Marketing

3 crs. • F, Sp • *No S/U Grade Option • P: Limited to MBA students.*

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

• Cross-listed with INTB 335 and MKTG 335/535. Credit may be earned in only one course.

Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.

### INTB 545 Managing Global Organizations

3 crs. • F, Sp, Su • *No S/U Grade Option • P: Limited to MBA students.*

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

• Cross-listed with INTB 345 and MGMT 345/545. Credit may be earned in only one course. BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.

Examines issues in managing international operations including strategies, joint ventures/strategic alliances, organizational design, culture, human resources, and labor issues in addition to political and legal constraints operating across regional trading areas.

### INTB 561 International Experience in India

3 crs. • Wi • *Field Trip(s) Required • No S/U Grade Option*

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

• Fifteen (15) hours of on-campus instruction required during the Fall semester prior to the Winterim study abroad. Students interested in taking this course need to contact the Management and Marketing Department and the Center for International Education before Sept. 15 in the Fall semester prior to the Winterim study abroad.

An interdisciplinary introduction to contemporary Indian business, culture, politics, history, religion and society that includes a three-week in-country experience.

### INTB 562 International Experience in China

3 crs. • *Field Trip(s) Required • No S/U Grade Option*

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

• Fifteen (15) hours of on-campus instruction required during the Spring semester prior to the Summer interim term study abroad. Students interested in taking this course should contact the Management and Marketing Department and the Center for International Education before Feb. 1 in the Spring semester prior to the Summer Interim study abroad.

An interdisciplinary introduction to contemporary Chinese business, culture, politics, history, religion and society that includes a three-week in-country experience.

## MGMT

### MGMT 542 Quality Management

3 crs. • F • *No S/U Grade Option • P: Limited to MBA students.*

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

• Cross-listed with MGMT 342. Credit may not be earned in both courses.

An examination of the technical and the managerial issues that are important in understanding and implementing quality assurance in manufacturing and service organizations.



### **MGMT 543 Purchasing and Supply Chain Management**

3 crs. • F, Sp • *Special Course Fee Required* • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 343. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Design and operation of effective purchasing processes. Supplier and supply chain management, with emphasis on globalization, and the role of information technology in enabling contemporary supply chain strategy.

### **MGMT 545 Managing Global Organizations**

3 crs. • F, Sp, Su • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 345 and INTB 345/545. Credit may be earned in only one course. BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.

Examines issues in managing international operations including strategies, joint ventures/strategic alliances, organizational design, culture, human resources, and labor issues in addition to political and legal constraints operating across regional trading areas.

### **MGMT 549 Human Resource Management**

3 crs. • F, Sp, Su • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 349. Credit may not be earned in both courses. BCOM 207 is recommended prior to enrollment in this course.

Examines policies and practices relating to recruitment, selection, training and development, performance appraisal, reward systems, and employee relations. Strategic human resource planning, equal employment opportunity laws, and international human resource management issues are also addressed.

### **MGMT 554 Materials Management Simulation**

1 cr. • V • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 354. Credit may not be earned in both courses.

Simulation and analysis of different types of factory production and distribution systems using Goldratt simulation and constraint theory.

### **MGMT 614 Small Business Consulting**

3 crs. • Sp • No S/U Grade Option • P: Limited to MBA students. • *Instructor Consent Required*

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

• Cross-listed with MGMT 414. Credit may not be earned in both courses.

Involves the thorough analysis and review of actual small business clients submitted by the Small Business Administration under the Small Business Institute Program and making recommendations that will be beneficial to the client in operating the business.

### **MGMT 641 Service Operations Management**

3 crs. • V • No S/U Grade Option • P: Limited to MBA students. • *Department Consent Required*

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

• Cross-listed with MGMT 441. Credit may not be earned in both courses.

Design of service systems; management techniques and issues in ongoing service operations.

### **MGMT 642 Production Planning and Control**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 442. Credit may not be earned in both courses.

The design and use of procedures for managing production systems; includes process planning and routing, scheduling, dispatching, and progress control.

### **MGMT 643 Process Simulation and Analysis**

3 crs. • Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 443. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Simulation modeling and analysis using spreadsheets and discrete-event simulation software. Through a series of modeling exercises, students will examine a number of process design and scheduling issues relevant to manufacturing and service operations.

### **MGMT 645 Compensation Theory and Administration**

3 crs. • F • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 445. Credit may not be earned in both courses. MGMT 340 and MGMT 349/549 are recommended prior to enrollment in this course.

Study of theories, methods, and practices of compensation in organizations.

### **MGMT 646 Organizational Change and Development**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MGMT 446. Credit may not be earned in both courses.

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 652 Master Planning of Resources**

1 cr. • Sp • No S/U Grade Option • P: MGMT 442/642 or concurrent enrollment. Limited to MBA students.

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

• Cross-listed with MGMT 452. Credit may not be earned in both courses.

Principles and processes of master planning of resources. Demand management, sales and operations planning, and master scheduling. Development of operations plans, validating and evaluating performance at all levels of master planning.

**MGMT 655 Industrial Relations**

3 crs. • Sp • No S/U Grade Option • P: MGMT 349/549 or concurrent enrollment. Limited to MBA students.

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

• Cross-listed with MGMT 455. Credit may not be earned in both courses.

Problems, hazards, and procedures which will be of assistance in establishing and maintaining good union-management relationships.

**MGMT 659 Advanced Human Resource Management**

2 crs. • F, Sp • No S/U Grade Option • P: MGMT 349/549 or concurrent enrollment. Limited to MBA students.

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

• Cross-listed with MGMT 459. Credit may not be earned in both courses.

Provides students the opportunity to study in-depth human resource topics of the nature of work, recruitment, selection, training and development, compensation, benefits, labor relations, and health and safety.

**MGMT 661 Lean Manufacturing Systems and Concepts**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students. • Department Consent Required

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

• Cross-listed with MGMT 461. Credit may not be earned in both courses.

Concepts, tools, and techniques applied in the design and operation of lean manufacturing systems.

**MGMT 692 Topics in Human Resource Management**

1-3 crs. • V • May be repeated • No S/U Grade Option • P: MGMT 349/549. Limited to MBA students. • Department Consent Required

• Cross-listed with MGMT 492.

Current issues in human resource management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary HRM professionals.

**MGMT 693 Topics in Operations Management**

1-3 crs. • V • May be repeated • No S/U Grade Option • P: Limited to MBA students. • Department Consent Required

• Cross-listed with MGMT 493. Additional prerequisites may be required depending on the topic. (See current Class Schedule.)

Current issues in operations management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary operations professionals.

**MGMT 740 Organizational Management Foundation**

2 crs. • F, Sp • Higher Cost Per Credit • No S/U Grade Option

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

• Not for MBA degree credit.

Introduction to the science and business of managing organizations. Students examine behavioral theories and research studies, investigate strategies corporations employ to enhance organizational performance, and review current issues, opportunities, and challenges facing companies today.

**MGMT 741 Operations Foundation**

2 crs. • F, Sp • Higher Cost Per Credit • No S/U Grade Option

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

• Not for MBA degree credit.

Study of the operations function within organizations that produce goods and/or services.

**MGMT 797 Independent Study**

1-3 crs. • V • Higher Cost Per Credit • May be repeated • No S/U Grade Option • Department Consent Required

**MKTG****MKTG 532 Marketing Communications and Promotion Analysis**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MKTG 332. Credit may not be earned in both courses.

Integrated marketing communications and its applications in advertising, direct marketing, sales promotion, personal selling, internet marketing, and public relations. Emphasis on promotional campaign strategies, implementation and evaluation, including category management assessment, marketing databases, media selection, and campaign effectiveness.

**MKTG 534 Marketing Research**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MKTG 334. Credit may not be earned in both courses.

Application of research techniques in the marketplace, and role of marketing information within the firm as a management tool in decision making.



## MBA PROGRAM

### **MKTG 535 International Marketing**

3 crs. • F, Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MKTG 335 and INTB 335/535. Credit may be earned in only one course.

Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.

### **MKTG 633 Sales Management**

3 crs. • Sp • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MKTG 433. Credit may not be earned in both courses.

Positions in sales management are among the first managerial assignments many business students receive. This course focuses on defining the strategic role of the sales function and sales organization, developing and directing a sales force, and evaluating sales force performance. Role playing will be used to help students experience realistic management scenarios.

### **MKTG 637 Business-to-Business Marketing**

3 crs. • V • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MKTG 437. Credit may not be earned in both courses.

Studies the marketing strategies characteristic of institutions, government, industrial, and other marketing environments which do not directly target the final consumer. The unique characteristics of these markets and the implications for strategic marketing management provide the focus for this course.

### **MKTG 638 Marketing Management**

3 crs. • F, Sp • CP • No S/U Grade Option • P: Limited to MBA students.

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

• Cross-listed with MKTG 438. Credit may not be earned in both courses.

Designed as the capstone course in marketing. All the ideas and concepts presented in other marketing courses are integrated and brought together via the application of marketing tools, principles, and theories, as experienced through case studies and problem solving. The role of the marketing executive in business is emphasized.

### **MKTG 730 Marketing Analysis Foundation**

2 crs. • F, Sp • Higher Cost Per Credit • No S/U Grade Option • P: No credit if taken after MKTG 330.

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

• Not for MBA degree credit

Analysis of problems related to the development of marketing strategy. Attention is focused on identifying a target market, allocating resources to the marketing mix, and examining the impact of environmental variables on management decisions.

### **MKTG 797 Independent Study**

1-3 crs. • V • May be repeated • No S/U Grade Option • P: Limited to MBA students. • Department Consent Required

## **MSL**

### **MSL 501 Adaptive Team Leadership**

3 crs. • F • Field Trip(s) Required • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Cross-listed with MSL 301. Credit may not be earned in both courses. Lab required (see Schedule).

Students conduct leadership self-assessment, receiving direct and peer feedback. Apply advanced tactical skills and leadership in planning small-unit tactical training applying problem-solving techniques. Lab reinforces squad-level tactics, employing the troop-leading procedures.

### **MSL 502 Applied Team Leadership**

3 crs. • Sp • Field Trip(s) Required • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Cross-listed with MSL 302. Credit may not be earned in both courses. Lab required (see Schedule).

Emphasis on writing operation orders, improving oral/written communications, and leadership analysis. Receive direct and peer feedback on leadership performance. Lab applies advanced tactics and leadership during patrol-size tactical training.

### **MSL 601 Developing Adaptive Leaders**

3 crs. • F • Field Trip(s) Required • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Cross-listed with MSL 401. Credit may not be earned in both courses. Lab required (see Schedule).

Develop proficiency in planning and executing complex operations, functioning as a staff member, and mentoring subordinates. Explore training management, staff collaboration, and developmental counseling techniques. Lab hones organizational-level and assessment skills.

### **MSL 602 Leadership in a Complex World**

3 crs. • Sp • Field Trip(s) Required • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Cross-listed with MSL 402. Credit may not be earned in both courses. Lab required (see Schedule).

Examine officership, study Army programs, and complete a battle analysis. Examine civilian, governmental, legal, and cultural factors of conducting military operations in an international environment. Lab hones organizational-level and assessment skills.

## MBA COURSES

### MBA

#### **MBA 711 Managing Ongoing Operations**

4 crs. • F • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

The study of management issues involved in the day-to-day operations of an on-going business. Basic skills critical for successful completion of the MBA program as well as for management of an organization.

#### **MBA 712 Developing New Products and Services**

4 crs. • Sp • Higher Cost Per Credit • No S/U Grade Option • P: MBA 711. Must be taken with MBA 715. Limited to MBA students.

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

Development of knowledge and skills used in understanding the complexities involved in launching a new product or service, a new business venture, subsidiary, or division.

#### **MBA 713 Strategic Competitiveness in a Global Environment**

4 crs. • F • Higher Cost Per Credit • No S/U Grade Option • P: MBA 711. Limited to MBA students.

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

Students develop the skills to analyze and position an organization for strategic competitiveness in a global marketplace. The challenges of determining corporate and business strategies, global marketing entry strategies, and the implications of mergers and acquisitions on global competition are addressed.

#### **MBA 714 Leading the Organization of the Future**

4 crs. • Sp • Higher Cost Per Credit • No S/U Grade Option • P: MBA 711, 712 and 713. Limited to MBA students.

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

The dynamics of change and the importance of corporate strategies in leading the organization of the future are investigated. Students explore how to effectively integrate information technology, human resource issues, and organizational change practices.

#### **MBA 715 Leadership**

1 cr. • Sp • Higher Cost Per Credit • No S/U Grade Option • P: Must be taken with MBA 712. Limited to MBA students.

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

This course creates a learning environment in which students will examine their effectiveness and potential as leaders from both a personal and professional standpoint. Students will explore the idea of "leader" from multiple perspectives; the leader as strategist, coach, mentor, facilitator, director, and change agent.

### **MBA 720-729 Electives**

0.5-3 crs. • V • Higher Cost Per Credit • May be repeated • No S/U Grade Option • P: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

#### **MBA 730 Pacific Rim**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

The Pacific Rim is quickly becoming an important region in the world. This elective explores past historical developments and their impact on politics and cultures in the region, development patterns, economic resources and power, and business practices.

#### **MBA 733 Understanding a Diverse Workforce**

1 cr. • Wi • No S/U Grade Option • P: Limited to MBA students.

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

Prepares students to manage a diverse workforce.

#### **MBA 735 Labor Scheduling for Service Operations**

1 cr. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

A survey of tools and managerial issues related to workforce scheduling for service operations. Forecasting of customer arrival rates, analysis of customer queuing implications under alternative staffing levels, shift scheduling techniques.

#### **MBA 737 Managerial Law**

1 cr. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course covers a variety of legal topics and issues that managers are exposed to. Topics covered include: ethics, judicial process intellectual law, business entity formation and transfers, contract law, including sales and construction issues.

#### **MBA 740 Introduction to Assurance Services**

1 cr. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course helps students identify situations in which assurance services are necessary, evaluate different types of assurance services and assess the quality of assurance services companies and investment funds provide.

## MBA PROGRAM

### **MBA 741 Strategic Cost Management**

1 cr. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

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

Strategic Cost Management is the managerial use of cost information explicitly directed at strategic management. Three key elements to be studied are value chain analysis, strategic positioning analysis, and cost driver analysis.

### **MBA 742 Introduction to Financial Fraud**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course provides an introduction to fraud. Fraudulent financial reporting and misappropriation of assets are major problems for businesses of all sizes. Knowledge about how fraud is committed and how to spot the potential for fraud are valuable for managers at all levels.

### **MBA 743 Reengineering Financial Performance**

1 cr. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

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

Traditional accounting practices may not accurately reflect the true value of organizations undergoing reengineering. This course investigates using a "balanced scorecard" approach in analyzing performance.

### **MBA 744 Tax Impact of Business Decisions**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course introduces the student to an overall framework for evaluating the impact that taxes have on business decisions. While the course concentrates on the impact of federal income taxes, the concepts are general and can apply to a variety of taxing jurisdictions.

### **MBA 747 Financial Statement Analysis**

2 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

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

Analysis and interpretation of financial statements. Skills taught include: how to interpret financial statements, analyze cash flows, evaluate earnings quality, uncover hidden assets and liabilities, and forecasting financial statements.

### **MBA 748 Investment Analysis and Management**

2 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

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

This course will develop a thorough understanding of the portfolio construction thought process. Students will discover how to manage a portfolio by examining the logic and potential of using options and futures to enhance return and minimize risk.

### **MBA 749 Incorporation of Exchange Rates in Strategic Decision-Making**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

Students will acquire competency with the terminology, strategies, and practices needed to interact with confidence in business settings that require working within the global currency market.

### **MBA 750 Regional Trade Agreements and Multinational Corporations**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course introduces students to issues relating to regional trade agreements (trading blocs), giving special attention to such agreements in the Americas, Asia and Europe. It will also examine how regional trade agreements might affect Multinational Corporations (MNCs).

### **MBA 751 International Marketing Research**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course focuses on the principles and practices of international marketing research with specific examples from different regions of the world.

### **MBA 752 Business in East Asia**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course provides perspective on business in Japan, South Korea, and China by looking at the historical backgrounds of each market and examining how those backgrounds impact present economic and business relations. Students focus on understanding each country's business practices and learn strategies to build successful East Asian partnerships and to succeed in business in East Asia.

### **MBA 753 Corporate Venturing**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course teaches students to encourage entrepreneurship, identify opportunities, locate potential new business within the firm, select the right managers, and set up planning processes.

### **MBA 754 Fundamental Methods for Forecasting**

1 cr. • V • Higher Cost Per Credit • No S/U Grade  
Option • P: Limited to MBA students.

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

The ability to forecast data is important in business. This course teaches effective short term forecasting; it is heavily weighted toward applied work, not mathematical theory. Students will have a portfolio of forecasts at the end of the course.



**MBA 755 Consumer Behavior**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This class will help you understand why consumers behave as they do. Using consumer behavior theories and our own purchase practices, we will attempt to predict how consumers will respond to a variety of marketing activities.

**MBA 756 Applications in Marketing Engineering**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students

Lecture/Discussion Hours: 2.0 | Lab/Studio Hours: 0

Students will develop a thorough understanding of market-response models and will learn how to solve marketing problems by using spreadsheet-based models to organize and analyze data.

**MBA 757 Managing Workplace Stress**

1 cr. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

Workplace stress costs millions of dollars annually in lost productivity and turnover. We will examine theories, causes, and consequences of stress and take a hands-on approach to address workplace stress.

**MBA 758 Strategies and Tactics of Pricing**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course presents a framework for evaluating pricing decisions. Pricing is examined from the perspective of customers, competitors and costs; in a variety of contexts, including business-to-business markets, consumer goods markets, services, and not-for-profit companies.

**MBA 759 Selling Ideas at Work**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course provides students with an understanding of how business people make decisions. It teaches students to utilize developed skills to sell ideas at work to both individuals and to groups.

**MBA 760 Employee Training and Development**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course focuses on human resource development's role in maintaining an organization's competitive position; identifying training needs, transferring training to the workplace, and assessing training.

**MBA 761 Project Management**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course examines project identification, selection, and planning. It will be organized along two major phases of the project management process: project selection and definition and project planning.

**MBA 762 Organizational Leadership and Change**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course examines how change can be accomplished within organizations—who is responsible for change and how people can be helped to change.

**MBA 763 Business and Ethics**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

Does a company have any obligation to help solve social problems? What about a manufacturer's obligation to the consumer with respect to product defects and safety? This course examines economic activity in an ethical framework.

**MBA 764 Work-Family Issues in Contemporary Times**

1 cr. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course will critically examine and analyze issues of work and family life from both employee and employer perspectives.

**MBA 765 Advanced Topics in Project Management**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: MBA 761. Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

The advanced topics course is oriented toward the more experienced project manager and/or those who supervise project managers. The focus of the course will be to address some current "hot topics" in the field.

**MBA 766 Contract Law for Managers**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course is not a strictly "legalistic" type of class; it emphasizes using and understanding the law in making ethical management decisions. Students will learn to use legal reasoning skills. They will understand and be able to apply the legal principles of contract law and sales law. The course will also look at law in the unique setting of e-commerce.

## MBA PROGRAM

### **MBA 767 Project Execution and Control**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: MBA 761. Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

The primary focus of this course is identifying and managing challenges commonly seen in doing the work in projects after the project baseline has been approved.

### **MBA 768 Classic and Contemporary Literature in Business**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This class takes the student on a reflective tour of a classic business book and three others that address contemporary business issues. The course is designed to be a discussion group similar to a book club in which instructor and students critically review the authors' comments in light of their experiences and other sources.

### **MBA 769 Project Portfolio Management**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: MBA 761. Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course is designed to clarify ways to manage the project portfolio which involves tracking and managing all of an organization's projects, keep an eye on costs and resources, comply with deadlines and ensure the projects are in line with the company's overall mission.

### **MBA 770 E-Business Fundamentals for Managers**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course provides an overview of the fast-growing Internet-based economy and asks, from a management point of view, "How may e-business contribute to the operational, tactical and strategic goals of an organization?"

### **MBA 771 Introduction to Enterprise Resource Planning Systems**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course describes the principal functions of ERP software and emphasizes the business impacts of such.

### **MBA 772 IS Security Policy Development**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course is designed for managers who have or would like to have responsibilities for security. The technical aspects of information security are not covered in-depth in this course—the emphasis is on the managerial aspects and planning for the continuation of the business in the face of catastrophic events.

### **MBA 773 Communicating for Success: Making Workplace Communication Work**

1 cr. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

Students take their writing skills to the next level by applying practical strategies (based on organizational communication theories) to their writing. Focus is on their own specific work-related audiences.

### **MBA 774 Sustainability & Organizational Management**

1.5 crs. • V • Higher Cost Per Credit • A-F Grades Only • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course introduces students to the interrelationship between business and the natural environment, examining the impact of the environment on business and the consequences of business decisions on the environment.

### **MBA 775 Information System Security**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

Today's manager must understand security and risk management. Students will discuss system vulnerabilities, mitigation strategies, and security-related personnel issues. They will be able to develop and implement security procedures and processes.

### **MBA 778 Managing Technology in Turbulent Times**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

The intent of this course is to show the synergy that exists between the introduction of technologies into an organization and the shift in management strategy and decision making that is essential to receive full value from the technology investment.

### **MBA 779 E-Business Website Development**

1.5 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: 0

This course provides students with skills to develop a simple and effective e-business website. It examines design factors and the development process and focuses on facilitation of intra-organizational and inter-organizational communication and extra-organizational relationships.

### **MBA 780 Health Care Human Resources and Organization**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

How can we maximize human resources to improve the quality of health care? A unique feature of this course is its emphasis on complex adaptive systems (CAS), critical for success in health care settings.

**MBA 781 Fundamentals of Health Information Technology Management**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course provides an introduction to the dynamic world of management of information technology in health care. A description of information processing, the content and evaluation of health-care information systems and the current and future methodologies being employed to acquire and manage information are discussed.

**MBA 782 Health Care Finance & Economics**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course will help students understand how factors such as government intervention in health care, the organization of health insurance markets, and health care reform influence financial decision making in the health care area.

**MBA 789 Health Care Organization and Delivery**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course provides an understanding of our complex health system, from basic organization and management to an exploration of the relationships between cost, quality, and access in the context of system improvement and healthcare reform.

**MBA 790 Decision Analysis**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

• Students need basic Excel proficiency and competence in college algebra, finance, and statistics.

This calculation-intensive course uses computational software to teach decision techniques (problem structuring, decision trees, influence diagrams, utility theory applications, multi-attribute problems, simulation).

**MBA 794 Business Process Simulation**

2 crs. • V • Higher Cost Per Credit • No S/U Grade Option • P: Limited to MBA students.

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

This course will establish basic proficiency in simulation model development, verification, validation, and analysis.

**MBA 795 Research Paper**

1-3 crs. • F, Sp, Su • Higher Cost Per Credit • May be repeated • PR Only Grade Basis • P: Limited to MBA students. • Department Consent Required  
Development of a thesis-type paper on a topic of interest to student.

**MBA 796 Directed Project**

1-3 crs. • F, Sp, Su • Higher Cost Per Credit • May be repeated • No S/U Grade Option • P: Limited to MBA students. • Department Consent Required  
Permits a student to pursue a defined problem in an intensive way under the direction of a graduate faculty member.

**MBA 797 Independent Study**

1-3 crs. • F, Sp, Su • Higher Cost Per Credit • May be repeated • No S/U Grade Option • P: Limited to MBA students. • Department Consent Required  
An in-depth study of a topic of interest to the student and faculty member.

**MBA 799 Thesis**

1-3 crs. • F, Sp, Su • Higher Cost Per Credit • May be repeated for a maximum of 3 credits • PR Only Grade Basis • P: MBA 711. Limited to MBA students. • Department Consent Required  
• Full-time equivalent. Completion of minimum of 15 graduate credits including MBA 711. Consent of MBA program director.





## MUSIC AND THEATRE ARTS

### MUSIC AND THEATRE ARTS

Haas Fine Arts 156

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### GRADUATE FACULTY

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Jeffery Crowell, D.M.A.  
Randal C. Dickerson, Ed.D.  
Gary W. Don, Ph.D.  
Christa Garvey, D.M.A.  
Chia-Yu Hsu, Ph.D.  
Ryan Jones, Ph.D.  
Namji Kim, D.M.A.  
Robert Knight, D.M.  
Melissa Koprowski, D.M.A.  
Timothy Lane, D.M.A.  
Owen Lovell, D.M.A.  
Mark Mowry, D.M.  
Vanissa Murphy, Ph.D. (Chair)  
Phillip Ostrander, D.M.A.  
Kenneth Pereira, D.M.  
Gretchen Peters, Ph.D.  
Nicholas Phillips, D.M.A.  
Alan Rieck, Ph.D.  
Tulio Rondón, D.M.A.  
Mitra Sadeghpour, D.M.  
Gary R. Schwartzhoff, D.M.A.  
John Stewart, Ph.D.

#### Theatre Arts and Dance:

F. Reed Brown, M.F.A.  
Jennifer Chapman, Ph.D.  
Julie Fox, M.F.A.  
Kevin Gawley, M.F.A.  
Richard Nimke, M.F.A.  
Amanda Profazier, M.F.A.  
James Zwicky, M.F.A.

### PROGRAMS

No graduate degree programs offered.

### COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

### MUSI

#### MUSI 509 Electronic Music

2 crs. • Odd years • A-F Grades Only • Instructor Consent Required

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

• Cross-listed with MUSI 309. Credit may not be earned in both courses.

Discussion, exposure, and experimentation in synthesizer techniques (ARP 2600); patching between studio modules; tape composition.

#### MUSI 513 Music in Early Childhood

2 crs. • Sp • No S/U Grade Option

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

• Cross-listed with MUSI 313. Credit may not be earned in both courses.

Theories of early childhood development, strategies for structuring musical experiences, and uses of music to facilitate growth in other areas.

#### MUSI 515 Piano Pedagogy

2 crs. • F even years • No S/U Grade Option • Instructor Consent Required

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

• Cross-listed with MUSI 315. Credit may not be earned in both courses.

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 535 Baroque Counterpoint

2 crs. • Even years • No S/U Grade Option

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

• Cross-listed with MUSI 335. Credit may not be earned in both courses.

Instrumental counterpoint in two and three voices, based on eighteenth century techniques.

#### MUSI 540 Music and Related Arts in PK-8 Education

3 crs. • F, Sp • A-F Grades Only

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

• Cross-listed with MUSI 340. Credit may not be earned in both courses. Permission for graduate level credit is via instructor approval.

Understanding and using content, function, and achievement of music and related arts (dance, theater, visual arts) as primary media for communication, inquiry, and engagement among students grades pre-K-8.

#### MUSI 545 Voice Pedagogy

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with MUSI 345. Credit may not be earned in both courses.

Development of skills for teaching singing through the study of the vocal mechanism, processes of respiration, resonance, and articulation. Application of these skills in lesson work with college, high school and middle school singers.

**MUSI 594 Choral Workshop Abroad**

1-3 crs. • *Su* • *No S/U Grade Option*

• Cross-listed with MUSI 394.

An international master class on Choral Conducting and Literature; will consist of in-depth lectures, discussions, and practicums on specific composers and their music. Designed for professional choral conductors, music teachers, instrumentalists, composers, and singers. Specific topics to be announced and published each summer.

**MUSI 606 Canon and Fugue**

2 crs. • *Odd years* • *No S/U Grade Option*

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

• Cross-listed with MUSI 406. Credit may not be earned in both courses.

Study of instrumental polyphony using eighteenth, nineteenth, and twentieth century models.

**MUSI 608 Theory Pedagogy**

2 crs. • *Odd years* • *No S/U Grade Option*

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

• Cross-listed with MUSI 408. Credit may not be earned in both courses.

Survey of materials, texts, techniques, and problems associated with teaching theory.

**MUSI 618 Alexander Technique**

2 crs. • *V* • *May be repeated for a maximum of 4 credits* • *No S/U Grade Option*

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

• Cross-listed with MUSI 418. Credit may not be earned in both courses.

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 625 Jazz Ensemble Techniques**

1-2 crs. • *No S/U Grade Option*

• Cross-listed with MUSI 425.

Organization and selection of literature, rehearsal and interpretation techniques, arranging, and improvisation. Overview of the relationship to present day curriculum and music education goals.

**MUSI 627 Symphonic Literature**

3 crs. • *No S/U Grade Option*

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

• Cross-listed with MUSI 427. Credit may not be earned in both courses.

Symphony orchestra and its literature from the eighteenth century to the present.

**MUSI 628 Music in the U.S.A.**

3 crs. • *No S/U Grade Option*

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

• Cross-listed with MUSI 428. Credit may not be earned in both courses.

A survey of music in the U.S.A. from colonial times to the present.

**MUSI 633 Nineteenth-Century Harmonic Practice**

3 crs. • *Sp even years* • *No S/U Grade Option*

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

• Cross-listed with MUSI 433. Credit may not be earned in both courses.

Progressive harmonic tendencies and individualized composer traits of the nineteenth century.

**MUSI 637 Renaissance Counterpoint**

2 crs. • *Even years* • *No S/U Grade Option*

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

• Cross-listed with MUSI 437. Credit may not be earned in both courses.

Vocal counterpoint in two and three voices, based on sixteenth century techniques.

**MUSI 650 Band Arranging**

2 crs. • *Odd years* • *May be repeated for a maximum of 4 credits* • *No S/U Grade Option*

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

• Cross-listed with MUSI 450.

Techniques of band scoring.

**MUSI 670 Opera Literature**

3 crs. • *Sp even years* • *No S/U Grade Option*

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

• Cross-listed with MUSI 470. Credit may not be earned in both courses.

The historical and stylistic developments in opera from its beginnings to the present through examination of the operatic repertoire.

**MUSI 672 Voice Literature**

3 crs. • *Sp odd years* • *No S/U Grade Option*

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

• Cross-listed with MUSI 472. Credit may not be earned in both courses.

The study of solo voice literature, its interpretation and stylistic development from the seventeenth century to the present.

**MUSI 674 Basso Continuo Realization at the Keyboard**

2 crs. • *No S/U Grade Option*

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

• Cross-listed with MUSI 474. Credit may not be earned in both courses.

A course in the technique and practice of realizing basso continuo parts in Baroque music. Designed primarily for harpsichord, piano, organ, and music history majors.

**MUSI 675 Piano Literature**

3 crs. • *F odd years* • *No S/U Grade Option*

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

• Cross-listed with MUSI 475. Credit may not be earned in both courses. Two semesters of 300-level applied keyboard study or consent of instructor.

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.

## MUSIC AND THEATRE ARTS

### **MUSI 676 Advanced Instrumental Techniques**

1-3 crs. • Su • May be repeated • No S/U Grade Option  
• Cross-listed with MUSI 476.

Intensive study of performance techniques and pedagogy of a single instrument or family of instruments; includes the physical, psychological, and aesthetic aspects of performance, methodology and literature, equipment and maintenance.

### **MUSI 677 17th-18th Century Performance Practice**

3 crs. • Sp even years • No S/U Grade Option

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

• Cross-listed with MUSI 477. Credit may not be earned in both courses.

Examination of authentic Baroque and Classical performance, using recordings, class performance, original editions, theorists, and modern scholarly writings. Emphasis on the eighteenth century.

### **MUSI 690 Elementary Music Education Workshop**

1-2 crs. • Su • May be repeated • No S/U Grade Option

• Cross-listed with MUSI 490.

For elementary classroom teachers and music specialists. Designed to meet individual needs of workshop participants. Lectures and demonstrations of classroom materials, procedures, techniques, and publications.

### **MUSI 691 Special Topics**

1-3 crs. • May be repeated for a maximum of 9 credits • No S/U Grade Option • Instructor Consent Required

• Cross-listed with MUSI 491.

Topics will vary according to interests of students and faculty. Focus is on aspects of music and music education not extensively covered in regular courses.

### **MUSI 692 Choral Workshop**

1-2 crs. • Su • May be repeated for a maximum of 9 credits • No S/U Grade Option

• Cross-listed with MUSI 492.

Develops an understanding of vocal and conducting problems through the study, rehearsal, and performance of choral literature representative of specific historical periods. Specific topics to be announced and published annually.

### **MUSI 693 Jazz Arranging Workshop**

2 crs. • Su • No S/U Grade Option

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

• Cross-listed with MUSI 493. Credit may not be earned in both courses.

Instruction in techniques of arranging and scoring in jazz tradition and styles.

### **MUSI 694 Percussion Workshop**

1-2 crs. • Su • No S/U Grade Option

• Cross-listed with MUSI 494.

For instrumental music directors who need to improve their knowledge of percussion. Review and/or introduction of basic pedagogy and practical care of instruments.

### **MUSI 797 Independent Study**

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required

## MUED

### **MUED 691 Special Topics**

1-3 crs. • V • May be repeated for a maximum of 9 credits

• No S/U Grade Option • Instructor Consent Required

• Cross-listed with MUED 491.

Topics will vary according to interests of students and faculty. Focus is on aspects of music education not extensively covered in regular courses.





**THEA****THEA 614 Playwriting**

3 crs. • *F odd years • No S/U Grade Option*

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

• Cross-listed with THEA 414. Credit may not be earned in both courses.

Practical experience in dramatic writing. Emphasis on creating characters, building plots, and constructing dialogue.

**THEA 625 Modern Drama and Theatre**

3 crs. • *Sp • No S/U Grade Option*

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

• Cross-listed with THEA 425. Credit may not be earned in both courses.

Development of the modern theatre from Ibsen to the present. Includes treatment of drama and theatre architecture of the period.

**THEA 632 Advanced Directing**

3 crs. • *Sp • P: Grade of at least B- in THEA 332 or consent of instructor.*

Lecture/Discussion Hours: 4.5 | Lab/Studio Hours: 0

• Cross-listed with THEA 432. Credit may not be earned in both courses.

The director's role in the production process and in creating a style for the production is examined. Exploration of the director's role in communication with designers and staff culminates in the production of a play.

**THEA 634 Theatre Arts Management**

3 crs. • *No S/U Grade Option*

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

• Cross-listed with THEA 434. Credit may not be earned in both courses.

The management of theatre in school and community including developing skills for creating demand for the product, budgeting time and facilities, marketing, promotion, funding, and career expectations.

**THEA 690 Theatre Arts Seminar**

1-3 crs. • *May be repeated for a maximum of 6 credits • No S/U Grade Option*

• Cross-listed with THEA 490. See current Class Schedule for topic and prerequisites.

Exploration of advanced topic for majors and minors in Theatre Arts. Possible topics include "Auditioning," "Contemporary Drama," "Costume Design," and "Playwriting."

**THEA 698 Theatre Arts Internship**

3 crs. • *IN • May be repeated for a maximum of 6 credits • No S/U Grade Option • Instructor Consent Required*

• Cross-listed with THEA 498.

Opportunity for active involvement and learning in an off-campus producing theatre. Internship opportunities in management, costuming, and other theatre-oriented areas, subject to availability and in cooperation with faculty supervisor.

**THEA 797 Independent Study**

1-3 crs. • *May be repeated • No S/U Grade Option • Department Consent Required*

**NURSING**

Dean's Office, Nursing 103

715-836-5287

Fax 715-836-5925

[www.uwec.edu/conhs/departments/nursing](http://www.uwec.edu/conhs/departments/nursing)

**GRADUATE FACULTY**

Norah Airth-Kindree, D.N.P., R.N.

Robin Beeman, Ph.D., R.N.

Cheryl Brandt, Ph.D., R.N.

Mary Canales, Ph.D., R.N.

Rachael Haupt-Harrington, D.N.P., R.N.

Rosemary Jadack, Ph.D., R.N.

Debra A. Jansen, Ph.D., R.N.

Cheryl Lapp, Ph.D., R.N.

Rachel Merkel, D.N.P., R.N.

Susan D. Moch, Ph.D., R.N.

Shelley-Rae Pehler, Ph.D., R.N.

Kimberly Radtke, D.N.P., R.N.

Lisa F. Schiller, Ph.D., R.N.

Charlotte Sortedahl, D.N.P., R.N.

Rita Sperstad, EdD, R.N.

Angela Stombaugh, Ph.D., R.N.

Genevieve Thul, Ph.D., R.N.

Arin Van Wormer, Ph.D., R.N.

Linda Young, Ph.D., R.N.

Mary Zwygart-Stauffacher, Ph.D., R.N., F.A.A.N.

**Master of Science in Nursing (M.S.N.)**

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

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

## NURSING

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

The Master of Science in Nursing (MSN) program is designed to prepare students in adult-gerontologic or family nursing to assume leadership roles in advanced professional nursing. Students are prepared for roles in nursing education. Requirements for the Master of Science degree in Nursing are approximately 41 to 42 credits (educator role preparation) and include an option of thesis or a scholarly project and public presentation. Completion of the program usually requires four semesters of full-time study and about 4 credits taken in Summer or Winterim for those interested in the educator role preparation. Beginning in 2015, the MSN no longer is a degree option for students pursuing the nurse practitioner, clinical nurse specialist, or administration role preparations, in keeping with the American Association of Colleges of Nursing (AACN) decision to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level. The last class of MSN students for the nurse practitioner, clinical nurse specialist, and administration role preparations was admitted for the summer of 2011. The MSN degree option continues to be offered for students interested in the nursing education role preparation.

### QUALIFICATIONS FOR M.S.N. ADMISSION

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

1. An undergraduate degree in nursing from a nationally accredited (CCNE or NLN) nursing program, with a GPA of 3.00 or higher (see Notes 1 and 2);
2. Registration as a professional nurse in Wisconsin;
3. Knowledge/coursework in statistics at the undergraduate level;
4. Satisfactory evidence of personal qualification and capacity for graduate study in nursing;
5. Competence in health assessment;
6. Previous practice experience. Consideration will also be given to choice of population focus and role preparation and residency in an underserved area.

NOTE 1: A portfolio approach may be used for students who have not graduated from an appropriately accredited program. Contact the College of Nursing and Health Sciences Assistant Dean for Post Licensure Programs for more information.

NOTE 2: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 3: Priority admission application deadline is January 4.

NOTE 4: Must complete and be current with health requirements, CPR certification, and background check in order to be enrolled in courses.

### M.S.N. CURRICULUM

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

Core Courses	Credits
Conceptual and Theoretical Foundations .....	2
Nursing Research—Methods .....	4
Nursing Research—Application .....	2
Leadership in Nursing.....	3
Scholarly Project.....	2
or Thesis .....	3
Transition to Advanced Practice .....	2
	15-16

#### Population Focus

##### Adult Gerontologic

Adults and Older Adults I and II .....	7
Human Responses in Health and Illness.....	4
	11

##### Family

Family Health Nursing I and II .....	7
Individual, Family, and Community Responses ..	4
	11

#### Functional Role Preparation

##### Advanced Clinical Practice Role

Advanced Physiological and Pathophysiological Concepts .....	3
Pharmacotherapeutics for Advanced Clinical Practice.....	3
Advanced Health Assessment .....	2

Advanced Clinical Practice I and II Adult-Gerontologic (Primary Care NP) .....	14
or	
Advanced Clinical Practice I and II Family (NP) .....	14
or	
Clinical Nurse Specialist I and Advanced Clinical Practice II for Adults and Older Adults (CNS) .....	14

### **Educator Role**

Nursing Education I and II .....	9
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### **Administrator Role**

Nursing Administration I and II .....	10
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### **Cognates**

(Education/Administration) .....	6
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### **Post-masters Certificate Programs in Nursing:**

The College of Nursing and Health Sciences post-master's certification program is designed to meet the needs of increasing numbers of master's-prepared nurses returning to the university for credit-bearing role preparation courses. The primary goal is to educate master's-prepared nurses to assume new leadership roles in the areas of nursing clinical practice (nurse practitioner or clinical nurse specialist), education, or administration or to prepare for a post-master's Doctor of Nursing Practice program.

- Post-MSN Nursing Education
- Post-MSN Nursing Administration\*
- Post-MSN Adult-Gerontologic Primary Care Nurse Practitioner\*
- Post-MSN Family Nurse Practitioner\*
- Post-MSN Adult-Gerontologic Clinical Nurse Specialist\*

\* Students are no longer being admitted to these options due to the transition to the DNP program.

### **Admission Requirements:**

- Successful completion of a nationally accredited (CCNE or NLN) nursing master's degree program with a GPA of 3.00 or higher.
- Registration as a Professional Nurse in Wisconsin.
- Additionally, the nurse practitioner role preparation sequence requires a student to have a population focus in either adult-gerontologic or family nursing and the clinical nurse specialist sequence requires a focus in adult-gerontologic nursing.

Students who do not have this will be required to complete the necessary courses, Human Responses in Health and Illness: Adults & Older Adults (Nrsg

719), Advanced Theory and Practice of Adults and Older Adults I (Nrsg 720), and Advanced Theory and Practice of Adults and Older Adults II (Nrsg 721); or Advanced Theory and Practice of Family Health Nursing I (Nrsg 725), Advanced Theory and Practice of Family Health Nursing II (Nrsg 726), and Individual, Family, and Community Responses (Nrsg 722). Review of individual transcripts may reveal the need for additional specific courses.

### **Number and Array of Courses**

Students would enroll in courses for the following role preparation areas:

#### **Nursing Education**

- Nrsg 730, Nursing Education I (4 credits)
- Nrsg 731, Nursing Education II (5 credits)
- Nrsg 760, Transition to Advanced Practice (or equivalent) (2 credits)

#### **Nursing Administration**

- Nrsg 750, Nursing Administration I (5 credits)
- Nrsg 751, Nursing Administration II (5 credits)
- Nrsg 760, Transition to Advanced Practice (or equivalent) (2 credits)

#### **Adult-Gerontologic—Primary Care Nurse Practitioner\***

- Nrsg 704, Adult Health: Advanced Health Assessment and Diagnostic Reasoning (2 credits)
- Nrsg 709, Advanced Physiological and Pathophysiological Concepts (3 credits)
- Nrsg 712, Pharmacotherapeutics for Advanced Clinical Practice (3 credits)
- Nrsg 742, Advanced Clinical Practice for Adults and Older Adults I (7 credits)
- Nrsg 746, Advanced Clinical Practice for Adults and Older Adults II (7 credits)
- Nrsg 760, Transition to Advanced Practice (or equivalent) (2 credits)

#### **Family Health—Nurse Practitioner\***

- Nrsg 708, Family Health: Advanced Health Assessment and Diagnostic Reasoning (2 credits)
- Nrsg 709, Advanced Physiological and Pathophysiological Concepts (3 credits)
- Nrsg 712, Pharmacotherapeutics for Advanced Clinical Practice (3 credits)
- Nrsg 744, Family Health: Advanced Clinical Practice I (7 credits)
- Nrsg 748, Family Health: Advanced Clinical Practice II (7 credits)
- Nrsg 760, Transition to Advanced Practice (or equivalent) (2 credits)



## NURSING

### Adult-Gerontologic Health—Clinical Nurse Specialist\*

Nrsg 704, Adult Health: Advanced Health Assessment and Diagnostic Reasoning (2 credits)

Nrsg 709, Advanced Physiological and Pathophysiological Concepts (3 credits)

Nrsg 712, Pharmacotherapeutics for Advanced Clinical Practice (3 credits)

Nrsg 741, Clinical Nurse Specialist I (7 credits)

Nrsg 746, Advanced Clinical Practice for Adults and Older Adults II (7 credits)

Nrsg 760, Transition to Advanced Practice (or equivalent) (2 credits)

\*Students should consult with the Assistant Dean for Post Licensure Programs in the College of Nursing and Health Sciences to assure they will have sufficient clinical hours (usually 500 hours) to qualify for certification examinations. This may require additional credits.

### Doctor of Nursing Practice (DNP)

UW-Eau Claire offers Doctor of Nursing Practice (DNP) degree options for individuals pursuing education in advanced practice nursing. The DNP is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced practice nursing (nurse practitioner or clinical nurse specialist) or nursing administration. Both MSN-to-DNP and BSN-to-DNP options are offered.

A graduate of the DNP program will be prepared to:

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

7. Evaluate the outcomes of advanced nursing practice.
8. Apply clinical scholarship and leadership skills to advanced nursing practice.
9. Evaluate personal scholarship, professional growth, and excellence in practice.

### DNP Admission Requirements:

Criteria for admission into the DNP Post-Master's Program include:

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

### Criteria for admission into the DNP Post-Baccalaureate Program include:

1. Acceptance as a graduate student in good standing in the University.
2. An undergraduate degree in nursing from a nationally accredited (CCNE or NLN) nursing program, with a GPA of 3.00 or higher.
3. Evidence of course work in statistics at the undergraduate level.
4. Wisconsin Registered Nurse licensure (needed by July 1st following admission). Current nursing licensure in one of the jurisdictions of the United States required at time of application.
5. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.
6. Competence in health assessment.
7. Completed application materials including a DNP Demographic Form, essay, resume, University application, official transcripts from all postsecondary institutions attended, three references from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees.
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

The post-master's DNP program includes 30 credits of nursing courses offered over three terms (Summer, Fall, and Spring) for full-time students and two years for part-time students. The post-baccalaureate DNP program includes approximately 68 credits for administration students and 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist) taken over three academic years for full-time students and four to five years for part-time students. Further information may be obtained from the Assistant Dean for Post Licensure Programs, College of Nursing and Health Sciences. Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the 800-level DNP courses involve additional course fees. Graduate students must earn a grade of C or above in courses and practica to successfully progress.

## CURRICULUM

### Post-Master's DNP

The post-master's DNP (MSN-to-DNP) option includes 30 credits of courses at the 800 level, including core and seminar and practicum courses. A DNP capstone project with presentation is required. Students complete a minimum of 450 hours of clinical for the MSN-to-DNP option.

800-Level Core Courses	Credits
Advanced Epidemiology & Biostatistics.....	4
Philosophical, Theoretical, & Ethical Foundations.....	4
Clinical Scholarship .....	4
Organizational Leadership & Health Policy.....	4
Informatics .....	2
	18

### 800-Level Practica and Capstone Project

DNP Seminar & Practicum I and II.....	8
DNP Capstone Project I and II.....	4
	12

### Post-Baccalaureate DNP

Post-baccalaureate DNP (BSN-to-DNP) students choose an adult-gerontologic or family nursing population focus and select a role preparation from the following options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist
- Family nurse practitioner
- Nurse administrator

The post-baccalaureate DNP program consists of approximately 68 credits (including 6 credits of cognates/electives) and 1,050 clinical hours for the administration role preparation; and approximately 73 credits and 1,087 clinical hours for nurse practitioner and clinical nurse specialist role preparations. The fulltime program plan is for 3 years, with 4- and 5-year part-time options available. The post-baccalaureate program includes 34 credits of courses at the 800 level, comprising core, seminar, and practicum courses. Thirty-four credits (for administration students) and thirty-nine credits (for advanced clinical practice students) are taken at the 700 level and include core, population focus, cognate, and role preparation theory and clinical practicum courses. A DNP capstone project with presentation is required.

## NURSING

### 700-Level Courses

Core Courses	Credits
Nursing Research: Methods .....	4
Nursing Research: Application .....	2
Leadership & Health Policy in Nursing .....	3

### Population Focus

#### Adult Gerontologic

Human Responses.....	4
Advanced Theory & Practice of Adults/Older	

Adults .....	4
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*or*

#### Family

Individual, Family & Community Responses...	4
Advanced Theory & Practice of Family Health	4

#### Cognates/Electives

(Administration role preparation students only) 6

### Functional Role Preparation

#### Advanced Clinical Practice Role

Advanced Physiological and	
Pathophysiological Concepts .....	3

Pharmacotherapeutics for Advanced Clinical	
Practice.....	3

Advanced Health Assessment .....	2
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Advanced Clinical Practice I and II	
Adult-Gerontologic (Primary Care NP) .....	14

*or*

Advanced Clinical Practice I and II	
Family (NP) .....	14

*or*

Clinical Nurse Specialist I and Advanced	
Clinical Practice II for Adults and Older	
Adults (CNS) .....	14

#### Administrator Role

Nursing Administration I and II.....	11
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### 800-Level Core Courses

Credits

Advanced Epidemiology & Biostatistics.....	4
Philosophical, Theoretical, & Ethical	

Foundations.....	4
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Clinical Scholarship .....	4
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Organizational Leadership & Health Policy .....	4
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Informatics .....	2
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### 800-Level Practica and Capstone Project

DNP Seminar & Practicum I and II .....	6
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DNP Capstone Project I and II .....	4
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Advanced Clinical Practice with Frail Elders *or*

Advanced Clinical Practice of Families *or*

Administration III .....	3
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Synthesis of Advanced Practice of Adults *or*

Synthesis of Advanced Practice Family *or*

Synthesis for the Nurse Executive.....	3
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## NRSG

### NRSG 560 Death and Bereavement

3 crs. • V • *Field Trip(s) Required* • No S/U Grade Option • P: SOC 101 or PSYC 100 or consent of instructor.

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

• Cross-listed with NRSG 360 and SW 360/560. Credit may only be earned in one of these courses. No credit if taken after SOC 318, PSYC 339 or SW 350.

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a life span, family, and cultural perspective.

### NRSG 589 Cross Cultural Health

3 crs. • V • No S/U Grade Option • P: GEOG 111 or SOC 101 or ANTH 161 or consent of instructor.

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

• Cross-listed with NRSG 389. Credit may not be earned in both courses.

Enhances insight and understanding of the impact of culture on health, illness, and wellness within the Black/African American, Hispanic/Latino, Asian/Hmong, and Native American cultures. Analyze and synthesize information to develop culturally congruent health care.

### NRSG 626 Contemporary Issues in Critical Care

3 crs. • F, Sp • *Special Course Fee Required Varies by Term/Section* • No S/U Grade Option • P: NRSG 352 or consent of instructor.

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

• Distance education fee for students in Marshfield section. Cross-listed with NRSG 426. Credit may not be earned in both courses.

The complexity and impact of critical illness/injury on patients, families, and nurses are examined. Selected pathophysiologic, care priority, and multidisciplinary considerations are analyzed within the context of the health care delivery system. Observational clinical may be included.

### NRSG 701 Nursing Research: Methods

4 crs. • F • *Special Course Fee Required Varies by Term/Section* • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs.

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

• Distance education fee for Marshfield students.

Philosophies of science, research methodologies, and qualitative and quantitative data analyses are examined. Legal and ethical issues applicable to nursing research are discussed.



**NRSNG 702 Nursing Research: Application**

2 crs. • Wi • No S/U Grade Option • P: NRSNG 701. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
Nursing research studies critically examined. Collective findings appraised as foundation for evidence-based practice. Sources and methods of research funding are discussed.

**NRSNG 704 Advanced Health Assessment: Adults and Older Adults**

2 crs. • Sp • Special Course Fee Required • No S/U Grade Option • P: NRSNG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: .5  
Focuses on the development of advanced clinical practice assessment skills. Builds upon basic physical assessment and documentation skills in the management of adults and older adults. Lab included.

**NRSNG 705 Cultural Immersion Seminar: International Health**

2 crs. • V • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
Immersion in language, cultural values, social etiquette, interpersonal and family patterns, teacher-student interaction, and daily life in a country of choice, as preparation for study, clinical experiences, or web-based interaction in another country.

**NRSNG 708 Advanced Health Assessment: Family**

2 crs. • Sp • Special Course Fee Required • No S/U Grade Option • P: NRSNG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 1.5 | Lab/Studio Hours: .5  
Focuses on the development of advanced clinical practice assessment skills. Builds upon basic physical assessment and documentation skills in the management of individuals across the life span. Lab included.

**NRSNG 709 Advanced Physiological and Pathophysiological Concepts**

3 crs. • F • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Undergraduate coursework in anatomy, physiology, biochemistry, and pathophysiology, or consent of instructor.  
In-depth study of selected physiological and pathophysiological concepts. Emphasis on human physiology and pathophysiology and current research findings.

**NRSNG 712 Pharmacotherapeutics for Advanced Clinical Practice**

3 crs. • Sp • No S/U Grade Option • P: NRSNG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Emphasis is on scientific and theoretical knowledge as the basis for diagnosing and treating common health conditions, emphasizing pharmacotherapeutic interventions and decision-making for advanced clinical practice. Developmental factors affecting pharmacotherapeutics are included.

**NRSNG 714 Scholarly Writing in Nursing**

2 crs. • V • A-F Grades Only • P: Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
Application of writing principles to explore nursing content at the graduate level. Focus includes summarizing professional literature, with emphasis on synthesis. Paper organization, grammar, and APA format. Examines process of writing for publication.

**NRSNG 715 Leadership and Health Policy in Nursing**

3 crs. • Sp • Special Course Fee Required Varies by Term/Section • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Distance education fee for Marshfield students.  
Leadership application for the graduate-prepared nurse with an analysis of external and internal influences. Examination of health policy, personal and professional transitions, and evolving advanced nursing roles.

**NRSNG 718 Conceptual and Theoretical Foundations of Nursing**

2 crs. • V • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
The basic philosophies, concepts and theories, and ethical decision-making frameworks underlying the development of the discipline of nursing are examined. Emphasis is focused on the development of nursing knowledge.

**NRSNG 719 Human Responses in Health and Illness: Adults and Older Adults**

4 crs. • F • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0  
• Credit may not be earned in both NRSNG 719 and NRSNG 722.  
A theory- and research-based approach to selected human responses in health and illness in adults and older adults within seven human response systems (spiritual, cultural, social, family, cognitive, emotional, and physical).

## NURSING

### **NRSG 720 Advanced Theory and Practice of Adults and Older Adults I**

4-5 crs. • Sp • No S/U Grade Option • P: NRSG 701 and 719. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 3; Lab/Studio Hours: 2 for MSN students

Lecture/Discussion Hours: 4 for the BSN to DNP students  
Clinical decision-making with adults and older adults within the context of nursing, adult, older adult, developmental, and related theories.

### **NRSG 721 Advanced Theory and Practice of Adults and Older Adults II**

2 crs. • F • No S/U Grade Option • P: NRSG 720; NRSG 715 or concurrent enrollment. Limited to graduate students in the MSN program.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
Health promotion, risk reduction, and clinical decision-making with adult and older adult groups and populations, including vulnerable populations.

### **NRSG 722 Individual, Family, and Community Responses**

4 crs. • F • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0  
• Credit may not be earned in both NRSG 722 and NRSG 719.  
A theory-based approach to selected theories/concepts of individual, family, and community responses in health and illness.

### **NRSG 725 Advanced Theory and Practice of Family Health Nursing I**

4-5 crs. • Sp • No S/U Grade Option • P: NRSG 701 and NRSG 722. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 3; Lab/Studio Hours: 2 for MSN students

Lecture/Discussion Hours: 4 for the BSN to DNP students  
Theory and evidence-based clinical decision-making with children, adults and families (as unit). This course integrates ethics, cultural influences, and social awareness in providing holistic care to families.

### **NRSG 726 Advanced Theory and Practice of Family Health Nursing II**

2 crs. • F • No S/U Grade Option • P: NRSG 715 and 725. Limited to graduate students in the MSN program.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
Health promotion, risk reduction, and clinical decision-making with family as unit and community, including vulnerable populations. Emphasizes intervention and evaluation with family. Facilitates student transition into the leadership role with family in community.

### **NRSG 729 Spirituality, Healing, and Caring**

3 crs. • V • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs.

A theory-based advanced exploration of three major phenomena: spirituality, healing, and caring; emerging as decisive in quality of life, and health and illness situations.

### **NRSG 730 Nursing Education I**

3-4 crs. • F even years • No S/U Grade Option • P: NRSG 702, 715; either (NRSG 721 or concurrent) or (NRSG 726 or concurrent); or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 1  
Examination of education, the educator role, and teaching/learning theory. Curriculum development and education issues explored, considering personal values, research, and societal and health-care trends.

### **NRSG 731 Nursing Education II**

5 crs. • Sp odd years • No S/U Grade Option • P: NRSG 730. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 3  
Role of nurse educator as a learning facilitator, evaluator, and faculty member is examined. Research, theoretical foundations, and strategies are explored with application to class and clinical teaching.

### **NRSG 741 Clinical Nurse Specialist I: Adult and Older Adult Health**

7 crs. • F odd years • No S/U Grade Option • P: NRSG 704/708, 712; 721 or concurrent enrollment; or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3  
First clinical role course for students in advanced clinical practice preparing to become clinical nurse specialists. Exploration, analysis, and implementation of CNS role components with adults and older adults.

### **NRSG 742 Advanced Clinical Practice for Adults and Older Adults I**

7 crs. • F • No S/U Grade Option • P: NRSG 704/708, NRSG 712; NRSG 721 or concurrent enrollment; or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3  
• Credit may not be earned in both NRSG 742 and NRSG 744.  
Advanced nursing clinical decision-making including health promotion, maintenance, and prevention for adults and older adults. Interventions focus on developmental life changes, cultural and environmental stressors, and health patterns. Practicum experience in primary care is emphasized.



**NRSNG 744 Family Health: Advanced Clinical Practice I**

7 crs. • F • No S/U Grade Option • P: NRSNG 708, NRSNG 712, and NRSNG 726 or concurrent enrollment. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3

• Credit may not be earned in both NRSNG 742 and NRSNG 744.

Advanced nursing clinical decision-making including health promotion, maintenance, and prevention for individuals and families. Interventions focus on developmental life changes, cultural and environmental stressors, and health patterns. Practicum experience occurs in primary care settings.

**NRSNG 746 Advanced Clinical Practice for Adults and Older Adults II**

7 crs. • Sp • No S/U Grade Option • P: NRSNG 702, and NRSNG 741 or NRSNG 742; or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3

• Credit may not be earned in both NRSNG 746 and NRSNG 748.

Focuses on advanced clinical decision-making with emphasis on acute and chronic health deviations in adults, older adults, and communities. Clinical decision-making expands to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

**NRSNG 748 Family Health: Advanced Clinical Practice II**

7 crs. • Sp • No S/U Grade Option • P: NRSNG 702 and NRSNG 744. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3

• Credit may not be earned in both NRSNG 746 and NRSNG 748.

Focuses on advanced clinical decision-making with emphasis on acute and chronic health deviations in individuals, families, and communities. Clinical decision-making expands to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

**NRSNG 750 Nursing Administration I**

5-6 crs. • F odd years • No S/U Grade Option • P: NRSNG 702, NRSNG 715; either NRSNG 721 or NRSNG 726 or concurrent enrollment; or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2-3

Exploration of administration and managerial theories and the nurse administrator role functions as applied to the organization and delivery of nursing care services.

**NRSNG 751 Nursing Administration II**

5 crs. • Sp even years • No S/U Grade Option • P: NRSNG 750. Limited to graduate students in the MSN or DNP programs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 3

Application of administration and managerial principles and methods in selected nursing organizational settings and in the delivery of nursing care services.

**NRSNG 760 Transition to Advanced Practice**

2 crs. • Sp • CP • No S/U Grade Option • P: NRSNG 731 or concurrent enrollment, or NRSNG 751 or concurrent enrollment; or NRSNG 746/NRSNG 748 or concurrent enrollment.

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

This capstone course integrates concepts, theories, and role development related to advanced professional nursing. Emphasis is on the role transition to advanced professional nursing roles, with special attention to the contexts of health care.

**NRSNG 780 Advanced Clinical Practice of Frail Older Adults**

2 crs. • Wi • No S/U Grade Option • P: NRSNG 741 or 742 or 748 as prerequisites; or consent of instructor.

Seminar Hours: 1 | Lab/Studio Hours: 1

One in a series of advanced clinical decision-making courses. Focus of care management centers on frail older adults. Practicum experience with frail older adults across the continuum of care is emphasized.

**NRSNG 793 Directed Study in Nursing**

1-3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs. • Instructor Consent Required

Investigation of a small-scale problem under faculty direction.

**NRSNG 794 Scholarly Project**

1-2 crs. • F, Sp • May be repeated for a maximum of 2 credits • S/U/PR Only Grade Basis • P: NRSNG 701, 702; NRSNG 721 or NRSNG 726 or concurrent enrollment. Limited to graduate students in the MSN program. • Instructor Consent Required

• Permission of scholarly project adviser.

Selection and implementation of an aspect of the scholarship/research process with guidance from a nursing graduate faculty adviser. Project culminates in a product and an oral presentation.

**NRSNG 797 Independent Study**

1-3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: Limited to graduate students in the MSN or DNP programs. • Department Consent Required

Individual research under faculty direction.

**NRSNG 798 Graduation Only**

1 cr. • V • May be repeated • PR Only Grade Basis • P: Limited to graduate students in the MSN program.

**NRSNG 799 Thesis**

1-3 crs. • F, Sp • May be repeated • PR Only Grade Basis • P: NRSNG 701, 702; NRSNG 721 and 726 or concurrent enrollment. Limited to graduate students in the MSN program. • Instructor Consent Required

• Full-time equivalent. Permission of thesis adviser.

Development and completion of research project using formal investigative methodology.



## NURSING

### **NRSNG 800 Advanced Nursing Practice and Informatics**

2 crs. • F • DNP; *Special Course Fee Required* • A-F Grades Only • P: Limited to Doctor of Nursing Practice (DNP) students.

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

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Application of computer and information technologies to support and improve patient care and health care systems. Identification of information processing challenges and evaluation of informatics solutions.

### **NRSNG 801 Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice**

4 crs. • Su • DNP; *Special Course Fee Required* • A-F Grades Only • P: Graduate-level nursing theory course; graduate equivalent ethics content; or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

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

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Inquiry into the philosophical and theoretical perspectives/foundations of the discipline. Paradigms and strategies for theory development in advanced practice nursing are examined. Advanced nursing practice will be studied in the context of complex clinical, business, legal, ethical, and system issues that confront individual recipients of care, families, health care professionals, organizations, and society.

### **NRSNG 803 Advanced Epidemiology and Biostatistics for Population Health**

4 crs. • F • DNP; *Special Course Fee Required*

• A-F Grades Only • P: Graduate equivalent of health promotion content; Graduate equivalent of basic epidemiology content; or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

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

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Epidemiological research and concepts are synthesized and applied to clinical and population-based health to best identify and analyze the determinants of health, health promotion and risk reduction strategies, and to evaluate the distribution of health conditions. Epidemiological, biostatistical, and other scientific approaches are used to analyze population data to better understand determinants of health and illness.

### **NRSNG 805 Clinical Scholarship for Advanced Nursing Practice**

4 crs. • Sp • DNP; *Special Course Fee Required* • A-F Grades Only • P: A graduate level research course; or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

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

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Course focuses on the elements of advanced clinical scholarship. Content will include evidence-based practice processes, the translation of research into practice, the evaluation of practice, activities aimed at improving health care practice and outcomes, and participation in collaborative research. Principles of information technology will be integrated and applied to advance nursing practice.

### **NRSNG 809 Organizational Leadership and Health Policy for Advanced Nursing Practice**

4 crs. • Su • DNP; *Special Course Fee Required* • A-F Grades Only • P: NRSNG 801 or NRSNG 801 concurrently; or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

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

• Graduate equivalent of health policy content. Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Course will focus on the systematic collection of information about the activities, characteristics, and outcomes of programs to improve health care and inform future programmatic decisions. Emphasis is placed on the strategies used in needs assessment and implementation of effective health care interventions, programs, and policies. This course prepares the advanced nursing professional to respond to current realities and provide enhanced leadership for future policy development and professional practice.



**NRSG 821 DNP Seminar & Practicum I**

3-4 crs. • F • DNP; *Special Course Fee Required*  
 • A-F Grades Only • P: NRSG 803; NRSG 809  
 or concurrent enrollment; or consent of instructor.  
 Limited to graduate students in the Doctor of Nursing  
 Practice (DNP) program.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1-2  
 • Students in the DNP program are assessed a special  
 course fee for 800-level courses. For specific course fees,  
 please refer to the course schedule.

First of two seminar/practica combining advanced  
 nursing practice clinical/system focus and seminar  
 discussion. Seminar and practicum will focus on  
 collaboration of inter-professional teams and the  
 roles of advanced nursing within this collabora-  
 tion. Accountability for advancing leadership in  
 advanced nursing clinical practice and contrib-  
 uting to the developing body of nursing practice  
 knowledge will be emphasized. Addresses advoca-  
 cy at all levels of health care policy implementa-  
 tion. This experience provides additional opportu-  
 nities for practice expertise development and work  
 with a target population and/or a complex health  
 care environment.

**NRSG 822 DNP Seminar & Practicum II**

3-4 crs. • Sp • DNP; *Special Course Fee Required*  
 • A-F Grades Only • P: NRSG 821. Limited to  
 graduate students in the Doctor of Nursing Practice  
 (DNP) program.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1-2  
 • Students in the DNP program are assessed a special  
 course fee for 800-level courses. For specific course fees,  
 please refer to the course schedule.

Second of two advanced nursing practice seminars  
 and practica. The purpose of this course is to build  
 upon knowledge and skills acquired and refined in  
 the DNP Seminar and Practicum I. Students will  
 refine leadership skills related to outcomes mea-  
 surements and quality initiatives within the stu-  
 dent's work environment. Seminar and practicum  
 will focus on the development, implementation  
 and evaluation of culturally-sensitive approaches  
 to improve health status/access patterns and ad-  
 dress gaps in care of populations within local, na-  
 tional, or global communities.

**NRSG 842 Advanced Clinical Practice of  
Frail Older Adults**

3 crs. • F • DNP; *Special Course Fee Required* • A-F  
 Grades Only • P: NRSG 746. Limited to graduate  
 students in the Doctor of Nursing Practice (DNP)  
 program.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
 • Students in the DNP program are assessed a special  
 course fee for 800-level courses. For specific course fees,  
 please refer to the course schedule.

Third in a series of advanced clinical decision-  
 making courses. Course focuses on care manage-  
 ment of frail older adults. Practicum experience  
 with frail older adults across the continuum of care  
 is emphasized.

**NRSG 844 Advanced Clinical Practice of  
Families within Vulnerable Populations**

3 crs. • F • DNP; *Special Course Fee Required* • A-F  
 Grades Only • P: NRSG 748. Limited to graduate  
 students in the Doctor of Nursing Practice (DNP)  
 program.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
 • Students in the DNP program are assessed a special  
 course fee for 800-level courses. For specific course fees,  
 please refer to the course schedule.

Third in a series of advanced clinical decision-  
 making courses. Care management focuses on  
 care of individuals and families within vulnerable  
 populations across the lifespan. Practicum experi-  
 ence includes vulnerable populations across the  
 continuum of care.

**NRSG 846 Synthesis of Advanced Practice  
of Adults and Older Adults**

3 crs. • Sp • DNP; *Special Course Fee Required* • A-F  
 Grades Only • P: NRSG 842 or consent of instructor.  
 Limited to graduate students in the Doctor of Nursing  
 Practice (DNP) program.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
 • Students in the DNP program are assessed a special  
 course fee for 800-level courses. For specific course fees,  
 please refer to the course schedule.

This final clinical practicum provides an oppor-  
 tunity for students to demonstrate a synthesis of  
 their Adult-Gerontologic clinical competencies in  
 preparation for their future practice as Adult-Ge-  
 rontologic Advanced Practice Nurses.

**NRSG 848 Synthesis of Advanced Practice  
Family**

3 crs. • Sp • DNP; *Special Course Fee Required* • A-F  
 Grades Only • P: NRSG 844 or consent of instructor.  
 Limited to graduate students in the Doctor of Nursing  
 Practice (DNP) program.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
 • Students in the DNP program are assessed a special  
 course fee for 800-level courses. For specific course fees,  
 please refer to the course schedule.

This final clinical practicum provides an oppor-  
 tunity for students to demonstrate a synthesis of  
 their Family clinical competencies in preparation  
 for their future practice as Family Nurse Practition-  
 ers.

**NRSG 850 Nursing Administration III**

3 crs. • F • DNP; *Special Course Fee Required* • A-F  
 Grades Only • P: NRSG 751. Limited to graduate  
 students in the Doctor of Nursing Practice (DNP)  
 program.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2  
 • Students in the DNP program are assessed a special  
 course fee for 800-level courses. For specific course fees,  
 please refer to the course schedule.

Course focuses on the development of more com-  
 plex organizational leadership and management,  
 with emphasis on strategic planning and relation-  
 ship building with diverse stakeholders.



## NURSING

### **NRSG 851 Synthesis for the Nurse Executive**

3 crs. • Sp • DNP; *Special Course Fee Required* • A-F Grades Only • P: NRSG 850. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

This final course and clinical practicum provides an opportunity for students to demonstrate advanced leadership and management through the synthesis of the roles of the nurse executive.

### **NRSG 890 DNP Capstone Project I**

1 cr. • F • DNP; *Special Course Fee Required* • S/U/PR Only Grade Basis • P: NRSG 801 or concurrent enrollment; NRSG 803 or concurrent enrollment; NRSG 809 or concurrent enrollment.

Seminar Hours: .5 | Lab/Studio Hours: .5

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Part one of culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over two semesters. This project is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student's prior experience and projected career goals. The capstone project integrates the role of the DNP in a comprehensive health care environment that includes utilization of leadership, consultation, advocacy, and collaboration. In-depth work with experts from nursing and other disciplines will be incorporated to provide opportunities for meaningful student engagement in the health care environment.

### **NRSG 891 DNP Capstone Project II**

3 crs. • Sp • DNP; *Special Course Fee Required* • S/U/PR Only Grade Basis • P: NRSG 805 or concurrent enrollment; NRSG 890 or concurrent enrollment.

Seminar Hours: 1.5 | Lab/Studio Hours: 1.5

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Part two of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over two semesters. This project is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student's prior experience and projected career goals. The capstone project integrates the role of the DNP in a comprehensive health care environment that includes utilization of leadership, consultation, advocacy, and collaboration. In-depth work with experts from nursing and other disciplines will be incorporated to provide opportunities for meaningful student engagement in the health care environment.

### **NRSG 895 Directed Studies**

1-3 crs. • V • DNP; *Special Course Fee Required* • May be repeated for a maximum of 6 credits • A-F Grades Only • P: Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Study of problems or special areas in or related to Advanced Nursing Practice under faculty direction.

### **NRSG 897 Independent Study**

1-3 crs. • V • DNP; *Special Course Fee Required* • May be repeated for a maximum of 6 credits • A-F Grades Only • P: Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Individual research of problems or special areas in or related to Advanced Nursing Practice under faculty direction.

### **NRSG 898 Graduation Only**

1 cr. • V • DNP; *Special Course Fee Required* • May be repeated for a maximum of 6 credits • S/U Only Grade Basis • P: Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

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

• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Individual scholarly work to complete the Doctor of Nursing Practice (DNP) program.





## PHILOSOPHY AND RELIGIOUS STUDIES

Hibbard 632

715-836-2545

www.uwec.edu/philrel

### GRADUATE FACULTY

Charlene Burns, Ph.D. (Chair)

Steven Fink, Ph.D.

Scott Lowe, Ph.D.

Sean McAleer, Ph.D.

Kristin P. Schaupp, Ph.D.

Brian Woodcock, Ph.D.

### PROGRAMS

No graduate degree programs offered.

### COURSES

Courses in Philosophy and Religious Studies are offered as electives for programs in other disciplines.

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

### PHIL

#### PHIL 506 Ethics of Health Care

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with PHIL 306. Credit may not be earned in both courses.

Major ethical theories and their applications to personal and professional dimensions of health care functions. Survey of ethical problems that arise in health care situations through case studies.

#### PHIL 545 Philosophy of Religion

3 crs. • No S/U Grade Option • P: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.

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

• Cross-listed with PHIL 345 and RELS 345/545. Credit may only be earned in one of these courses.

Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.

#### PHIL 595 Directed Studies

1-3 crs. • May be repeated • No S/U Grade Option •

Department Consent Required

• Cross-listed with PHIL 395.

Work with instructor on a specific philosophical issue, problem, or activity. Content of the course to be determined by the student and the instructor. Recommended for non-majors.

#### PHIL 797 Independent Study

1-3 crs. • May be repeated • No S/U Grade Option •

Department Consent Required

### RELS

#### RELS 507 Judaism

3 crs. • No S/U Grade Option

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

• Cross-listed with RELS 307. Credit may not be earned in both courses.

Judaism from its earliest times to the twenty-first century, including its history, literature, and lifestyles.

#### RELS 545 Philosophy of Religion

3 crs. • No S/U Grade Option • P: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.

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

• Cross-listed with RELS 345 and PHIL 345/545. Credit may only be earned in one of these courses.

Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.

#### RELS 797 Independent Study

1-3 crs. • May be repeated for a maximum of 3

credits • No S/U Grade Option



## PHYSICS AND ASTRONOMY

Phillips 230

715-836-3148

[www.uwec.edu/physics](http://www.uwec.edu/physics)

### GRADUATE FACULTY

Douglas Dunham, Ph.D.

Matthew Evans, Ph.D.

Lyle Ford, Ph.D. (Chair)

J. Erik Hendrickson, Ph.D.

Lauren Likkel, Ph.D.

Thomas Lockhart, Ph.D.

Nathan Miller, Ph.D.

Kim Pierson, Ph.D.

Elisha F. Polomski, Ph.D.

James Rybicki, Ph.D.

George Stecher, Ph.D.

Paul Thomas, Ph.D.

Scott Whitfield, Ph.D.

### PROGRAMS

No graduate degree programs offered.



## COURSES

Courses in Physics are offered as electives for programs in other disciplines.

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## PHYS

### PHYS 561 LabVIEW Basics

2 crs. • F • Field Trip(s) Required • A-F Grades Only  
• Instructor Consent Required

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

• Cross-listed with PHYS 361. Credit may not be earned in both courses. Field trip(s) optional.

Lecture and laboratory work cover an introduction to graphical programming language LabVIEW. LabVIEW has been widely adopted as the industry standard for computerized data acquisition, analysis and instrument control.

### PHYS 562 LabVIEW Applications

2 crs. • Sp • Field Trip(s) Required • A-F Grades Only • Instructor Consent Required

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

• Cross-listed with PHYS 362. Credit may not be earned in both courses. Field trip(s) optional.

Lecture and laboratory exercises cover applications using the graphical programming language LabVIEW. Topics include advanced programming structures, Compact DAQ hardware, digital signal processing, motor control, encoders, PID Process control, RS-232 instrument control, component testing, sensor monitoring.

### PHYS 563 LabVIEW cRIO

1 cr. • Sp • Field Trip(s) Required • A-F Grades Only  
• Instructor Consent Required

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

• Cross-listed with PHYS 363. Credit may not be earned in both courses.

Lecture and laboratory exercises cover the theory and application of the cRIO automation controller using the graphical programming language LabVIEW. Topics include Real-Time operating system, field programmable gate array (FPGA) and network shared variables.

### PHYS 793 Directed Studies

1-4 crs. • V • May be repeated • No S/U Grade Option

Permits groups of students to study topical areas in an intensive way under the direction of departmental faculty members.

## POLITICAL SCIENCE

Schneider 200A

715-836-5744

[www.uwec.edu/polsci](http://www.uwec.edu/polsci)

### GRADUATE FACULTY

Ali Abootalebi, Ph.D.

Randall R. Beger, Ph.D.

John Evans, Ph.D.

Michael Fine, Ph.D.

Rodd Freitag, Ph.D.

Margaret Gillkison, Ph.D.

Obika Gray, Ph.D.

Stephen Hill, Ph.D.

Steven Majstorovic, Ph.D.

Peter C. Myers, Ph.D.

Justin Patchin, Ph.D.

Geoffrey Peterson, Ph.D. (Chair)

Jason Spraitz, Ph.D.

James Tubbs, Ph.D.

### PROGRAMS

No graduate degree programs offered.

### COURSES

Courses in Political Science are offered as electives for programs in other disciplines.

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

## POLS

### POLS 501 State and Local Politics

3 crs. • F, Sp • No S/U Grade Option • P: POLS 110 or consent of instructor.

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

• Cross-listed with POLS 301. Credit may not be earned in both courses.

A critical examination of federalism, localism, intergovernmental finance, intergovernmental relations, state and local institutions, and state and local elections.

### POLS 509 Classical Political Thought

3 crs. • F • No S/U Grade Option

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

• Cross-listed with POLS 309. Credit may not be earned in both courses.

Study of major political thinkers from the ancient and medieval periods, with emphasis on Plato and Aristotle.

### POLS 514 The Idea of Tolerance in the Western Political Tradition

3 crs. • V • No S/U Grade Option

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

• Cross-listed with POLS 314. Credit may not be earned in both courses.

Historical and philosophical consideration of the development of the idea of tolerance in the western political tradition, with emphasis on major philosophical defenders and critics of the ideal of an open, tolerant society, and on the American experiment in political, religious, and cultural tolerance.

### POLS 521 Politics of the Middle East

3 crs. • F • No S/U Grade Option

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

• Cross-listed with POLS 321. Credit may not be earned in both courses.

Introduces students to social, economic, political, and cultural aspects of life in the Middle East by focusing on specific topics such as Religion and Politics, Nationalism, Peace and Conflict, Western Influence.





## POLITICAL SCIENCE

### **POLS 522 Politics of Russia**

3 crs. • *F even years* • *No S/U Grade Option*

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

• Cross-listed with POLS 322. Credit may not be earned in both courses.

A study of the transitions taking place in Russia covering subjects such as the Soviet past, nationalism, leadership, political institutions, and relations with the other former Soviet republics.

### **POLS 523 Politics of Eastern Europe**

3 crs. • *V* • *No S/U Grade Option*

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

• Cross-listed with POLS 323. Credit may not be earned in both courses.

An examination of political, economic, and cultural transitions in Eastern Europe. Topics covered include political-historical context, democratic institution building, market economic development, political cultural orientation, international organizations, and ethnonational conflict and conflict resolution.

### **POLS 524 Politics of Asia**

3 crs. • *F odd years* • *No S/U Grade Option* • *P: One course in POLS or consent of instructor.*

Lecture/Discussion Hours: 3

• Cross-listed with POLS 324. Credit may not be earned in both courses.

This course addresses the institutional, historical, economic, international, and cultural dimensions of Asian politics. The political systems examined from a comparative perspective are China, Japan, India, and Malaysia with democratic development as the organizing theme.

### **POLS 525 Model United Nations**

3 crs. • *F* • *No S/U Grade Option*

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

• Cross-listed with POLS 325. Credit may not be earned in both courses.

A study of the institutional foundation and the contemporary role of the United Nations as a global intergovernmental organization in pursuit of a peaceful resolution to global conflicts and the promotion of cooperation among global actors.

### **POLS 530 U.S. Foreign Policy**

3 crs. • *Sp* • *No S/U Grade Option* • *P: POLS 122 or consent of instructor.*

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

• Cross-listed with POLS 330. Credit may not be earned in both courses.

A study of the principal theoretical approaches to the conduct of U.S. foreign policy and the major foreign policy issues facing the United States.

### **POLS 532 International Conflict**

3 crs. • *Sp* • *No S/U Grade Option* • *P: POLS 122 or consent of instructor.*

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

• Cross-listed with POLS 332. Credit may not be earned in both courses.

Examines the main theories and concepts used to understand and explain international and civil conflict. The course will also provide an analysis of the principle techniques and practices of conflict resolution.

### **POLS 534 International Political Economy**

3 crs. • *Sp* • *No S/U Grade Option* • *P: POLS 122 or ECON 103 or ECON 104 or ECON 201 or consent of instructor.*

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

• Cross-listed with POLS 334. Credit may not be earned in both courses.

International political economy is the simultaneous study of power and wealth at the international level, or it is the study of political foundations of international economic interactions and vice versa.

### **POLS 536 Arab-Israeli Conflict**

3 crs. • *V* • *No S/U Grade Option*

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

• Cross-listed with POLS 336. Credit may not be earned in both courses.

This course examines the political, socioeconomic, cultural, and historical roots of the conflict between Arab States/Palestinian Arabs and the state of Israel. Both regional and international aspects of the conflict are fully discussed.

### **POLS 544 Media and Politics**

3 crs. • *Sp even years* • *No S/U Grade Option* • *P: POLS 110 or consent of instructor.*

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

• Cross-listed with POLS 344. Credit may not be earned in both courses.

The course examines the symbiotic relationship between the media and political actors. The course will look at how the media influences the political agenda, how politicians manipulate the media, and the impact of political advertising.

### **POLS 545 Film and Politics**

3 crs. • *V* • *No S/U Grade Option*

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

• Cross-listed with POLS 345. Credit may not be earned in both courses.

An examination of how film delivers both implicit and explicit political themes and messages, with a focus on the areas of plot, characterization, symbolism, and cinematic techniques.

### **POLS 551 Women and Politics**

3 crs. • *Sp* • *No S/U Grade Option*

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

• Cross-listed with POLS 351 and WMNS 351/551. Credit may only be earned in one of these courses.

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and office-holders. The impact of feminism and the women's movement on issues and policymaking.

### **POLS 595 Directed Studies**

1-3 crs. • *F, Sp, Su* • *May be repeated* • *No S/U Grade Option* • *Department Consent Required*

• Cross-listed with POLS 395.

Study of a political problem or topic.

**POLS 603 U.S. Constitutional Principles - Powers of Government**

3 crs. • F • No S/U Grade Option • P: POLS 110 or consent of instructor.

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

• Cross-listed with POLS 403. Credit may not be earned in both courses.

American constitutional principles as interpreted by the Supreme Court; the constitutional structure of the U. S. government. Emphasizes powers of Congress, President, Judiciary; principles of federalism and separation of power. Focus on study of Supreme Court cases.

**POLS 604 U.S. Constitutional Principles - Civil Liberties**

3 crs. • Sp • No S/U Grade Option • P: POLS 110 or consent of instructor.

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

• Cross-listed with POLS 404. Credit may not be earned in both courses.

American constitutional principles concerning the relations between individual and government. Emphasizes freedom of speech, press, religion; separation of church and state; and equality. Focus on study of Supreme Court cases.

**POLS 605 U.S. Constitutional Principles - Due Process and Criminal Law**

3 crs. • F, Sp • No S/U Grade Option • P: POLS 110 or consent of instructor.

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

• Cross-listed with POLS 405. Credit may not be earned in both courses.

American constitutional principles concerning the criminal process and criminal law. Emphasizes the rights found in the Fourth, Fifth, Sixth, and Eighth Amendments and theories of due process and incorporation from the Fourteenth Amendment.

**POLS 691 Special Topics - Advanced Political Problems**

1-3 crs. • V • May be repeated • No S/U Grade Option

• Cross-listed with POLS 491.

Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester's work in fewer weeks is possible with extra classes per week.

**POLS 795 Research Paper**

1-2 crs. • F, Sp, Su • May be repeated • PR Only Grade Basis

**POLS 797 Independent Study**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Department Consent Required

**PSYCHOLOGY**

Hibbard 277

715-836-5733

[www.uwec.edu/psyc](http://www.uwec.edu/psyc)

**GRADUATE FACULTY**

Michael Axelrod, Ph.D.

Lori Bica, Ph.D.

April Bleske-Rechek, Ph.D.

Melissa Chaffin, Ph.D.

Mickey Crothers, Ph.D.

Jeffrey Goodman, Ph.D.

David Jewett, Ph.D.

Kevin Klatt, Ph.D.

Carla Lagorio, Ph.D.

Mary Beth Leibham, Ph.D.

David Leland, Ph.D.

Jennifer Muehlenkamp, Ph.D.

Blaine Peden, Ph.D.

Angela Pirlott, Ph.D.

Robert Tomlinson, Ph.D.

Mary Beth Tusing, Ph.D. (Program Director)

Catya von Károlyi, Ph.D.

**PROGRAMS****Ed.S.—School Psychology**

The School Psychology program is a three-year sequence of training which leads to the Ed.S. degree and license to practice school psychology in the public schools. The major concern of school psychologists is the growth and development, learning, adjustment, and education of children and youth. To address these and many other service needs, the training of school psychologists is quite extensive. Training includes preparation in clinical and evaluation procedures; understanding the education system, professional ethics, diversity, due process rights, and student and family needs; providing in-service education/applied research services and program evaluation; and the delivery of services (such as consultation, counseling, parent training, behavioral intervention, and multidisciplinary team facilitation). While employment in the public schools is the primary focus of this training program, some graduates have sought employment in institutional settings, guidance clinics, post-high school educational settings, or pursued study at the doctoral level.

Applicants must submit an application, three letters of reference (at least two from faculty),

## PSYCHOLOGY

a written statement of professional goals, complete undergraduate transcripts of coursework, and the general aptitude scores of the Graduate Record Examination.

### Program Degrees

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

**The Ed.S. Phase**, consisting of 37 graduate credits, provides the student with additional background in applied research, education foundations and methods, and advanced practica in the delivery of school psychological services. Students are placed in the public schools and in the on-campus interdisciplinary clinics. They also complete a multicultural practicum at the Lac Du Flambeau American Indian community's school. Students must register for and pass the National Association of School Psychologists qualifying examination for National Certification in School Psychology. This examination is usually taken during the second semester of the second year. Upon passing the NCSP examination and successful completion of all requirements during the first two years of the program, except the thesis, students are recommended for the initial license in school psychology and are eligible to enroll in Psyc 787 Internship in School Psychology.

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

As undergraduates, applicants to the school psychology program must complete the following courses as prerequisites for admission: psychology of exceptional children, statistics,

psychopathology, and theories of counseling. Although a psychology major is strong preparation for the school psychology program, majors in education, communication sciences and disorders, social work, and nursing are also considered for admission. All applicants are encouraged to complete as many of the above prerequisite courses as possible prior to admission.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken courses required in the school psychology program at the 300 or 400 level may not use them to meet requirements in the graduate program.

## PSYC

### PSYC 525 Theories of Counseling

3 crs. • F, Sp • No S/U Grade Option

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

• Cross-listed with PSYC 325. Credit may not be earned in both courses.

Established and developing perspectives on counseling theory and practice. Trait-factor, Psychoanalytic, Adlerian, Existential, Person-centered, Gestalt, Transactional Analysis, Behavioral, Rational-Emotive, Reality and Psychophysical approaches are presented and considered in depth.

### PSYC 533 Psychology of Adulthood and Aging

3 crs. • F • No S/U Grade Option

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

• Cross-listed with PSYC 333. Credit may not be earned in both courses.

Intellectual, personality and social development from young adulthood through old age. Influence of biological factors and social context on psychological processes. Discussion of adult role demands: work, marriage, family, retirement, etc.

### PSYC 534 Psychology of the Exceptional Child

3 crs. • Sp • No S/U Grade Option

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

• Cross-listed with PSYC 334. Credit may not be earned in both courses.

A study of the psychological, sociological, historical, and educational factors influencing the development and adjustment of children with significant emotional, behavioral, social, or cognitive differences from the general population.



### **PSYC 536 Psychology of Women**

3 crs. • F, Sp • No S/U Grade Option

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

• Cross-listed with PSYC 336 and WMNS 336/536. Credit may only be earned in one of these courses.

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

### **PSYC 540 Personality Psychology**

3 crs. • V • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 340. Credit may not be earned in both courses.

An overview of various perspectives on the structure and development of personality, including biological, trait, psychoanalytic, phenomenological, and social-learning. Theory and major lines of research are discussed within each perspective.

### **PSYC 546 Positive Psychology**

3 crs. • Sp • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 346. Credit may not be earned in both courses.

The study of positive aspects of well-being, health, and strength rather than negative aspects of disease, distress, and weakness. Individual qualities, activities/experiences, and institutions/communities that contribute to happiness and satisfaction.

### **PSYC 557 Ethics in Psychology**

3 crs. • Sp • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 357. Credit may not be earned in both courses.

Students will learn about ethical dilemmas of helping professionals and social scientists and how to apply ethical principles and standards when making ethical decisions in practice, research, and educational settings.

### **PSYC 560 Foundations of Psychological Measurement**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with PSYC 360. Credit may not be earned in both courses.

Basic concepts and principles of measurement, including reliability and validity of intelligence, special aptitudes, achievement, psychological traits and characteristics.

### **PSYC 566 Statistical Methods in Psychology II**

3 crs. • F • No S/U Grade Option • P: PSYC 265

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

• Cross-listed with PSYC 366. Credit may not be earned in both courses.

Frequently used inferential statistical techniques for the analysis of data in psychology.

### **PSYC 572 Individual Differences and Behavior Genetics**

3 crs. • V • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 372. Credit may not be earned in both courses. No credit if taken after PSYC 491 with the same topic.

Course introduces students to the structure of various individual differences attributes (abilities, personality, interests). Introduces behavioral genetic research designs that unravel the causal structure of individual differences and reviews exemplary findings from this research.

### **PSYC 573 Evolutionary Psychology**

3 crs. • V • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 373. Credit may not be earned in both courses. No credit if taken after PSYC 491 with the same topic.

Fundamentals of evolutionary psychology, grounded in natural and sexual selection. Review research and theory on human mating, friendship, parental investment, infants' knowledge of the physical world, aggression and warfare, status and dominance, emotion, rape, and jealousy.

### **PSYC 574 Cognitive Neuroscience**

3 crs. • F • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 374. Credit may not be earned in both courses.

Explores mind and behavior from a brain-based, information-processing perspective. Examines how neuroimaging (e.g., EEG and functional MRI) and lesion studies reveal mechanisms underlying perception, attention, movement, language, memory, decision-making, emotion, motivation, and social cognition.

### **PSYC 575 Physiological Psychology**

3 crs. • V • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 375. Credit may not be earned in both courses.

Physiological analysis of perception, motivation, learning, and thinking. Stresses the functional relationships between anatomy/physiology of the nervous system and behavior.

### **PSYC 576 Psychology of Perception**

3 crs. • F • No S/U Grade Option • P: PSYC 271

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

• Cross-listed with PSYC 376. Credit may not be earned in both courses.

Basic perceptual phenomena in the visual, auditory, olfactory, gustatory, tactile and proprioceptive senses, and related research methodology and physiology.

## PSYCHOLOGY

### **PSYC 577 Psychopharmacology**

3 crs. • F, Sp • No S/U Grade Option • P: PSYC 271  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with PSYC 377. Credit may not be earned in both courses.

Examines drug and behavior relations from biological (e.g., pharmacological and physiological effects of drugs), behavioral, social, and historical perspectives. Topics include drug classification and scheduling, therapeutic effects of drugs, substance abuse prevention and treatment programs.

### **PSYC 579 Cognitive Psychology**

3 crs. • F, Sp • No S/U Grade Option • P: PSYC 271  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with PSYC 379. Credit may not be earned in both courses.

Human perception, attention, memory, knowledge, reasoning, and decision-making are examined. Major theories and research methods of the field are presented, and a critical understanding of both established and emerging elements of the discipline is promoted.

### **PSYC 580 Introduction to Behavior Modification**

3 crs. • F, Sp • No S/U Grade Option • P: PSYC 271  
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with PSYC 380. Credit may not be earned in both courses.

Provides a thorough knowledge of the principles of behavior analysis as applied to human problems, the ethics of their use, and methods for evaluating their effectiveness.

### **PSYC 590 Advanced Applied Behavior Analysis**

3 crs. • F, Sp • No S/U Grade Option • P: PSYC 271 and PSYC 281.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with PSYC 390. Credit may not be earned in both courses.

Students will learn skills needed to plan, implement, and evaluate behavioral interventions in a variety of human services settings. Content will focus on functional assessment, ethics, and primary research in applied behavior analysis.

### **PSYC 612 Experimental Analysis of Behavior**

3 crs. • F, Sp • No S/U Grade Option • P: Grade of B or above in PSYC 390/590.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with PSYC 412. Credit may not be earned in both courses.

Methods, assumptions, basic principles, and recent developments in the psychology of learning primarily from a behavioral perspective. Survey of laboratory research with humans and animals providing a theoretical framework for describing these behavior-change concepts.

### **PSYC 635 Theories and Research in Developmental Psychology**

3 crs. • Sp • No S/U Grade Option • P: PSYC 230, PSYC 271, and one of the following: PSYC 331, PSYC 332, or PSYC 333.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Cross-listed with PSYC 435. Credit may not be earned in both courses.

Developmental psychology is the study of human cognitive, social, emotional, and physical change across time. Developmental theories and research will be reviewed, analyzed, and discussed.

### **PSYC 680 Internship in Applied Behavior Analysis I**

6 crs. • F, Sp • IN • No S/U Grade Option • P: PSYC 390/PSYC 590 • Instructor Consent Required  
• Cross-listed with PSYC 480. Credit may not be earned in both courses.

The internship is designed to provide experience for students in Applied Behavior Analysis and to prepare them for national certification. Students work in applied settings implementing interventions based on the principles of behavior.

### **PSYC 681 Internship in Applied Behavior Analysis II**

3-6 crs. • F, Sp • IN • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: PSYC 480/PSYC 680 • Instructor Consent Required  
• Cross-listed with PSYC 481.

The internship is designed to provide experience for students in Applied Behavior Analysis and to prepare them for national certification. Students work in applied settings implementing interventions based on the principles of behavior.

### **PSYC 691 Special Topics**

1-3 crs. • V • May be repeated • No S/U Grade Option

• Cross-listed with PSYC 491. Graduate standing required.  
Intensive study of a topic selected because of a special interest on the part of students or faculty. Proposed topics include: The Works of B. F. Skinner, The Measurement of Interests, and Psychology of Consciousness.

### **PSYC 720 Advanced Educational Psychology**

3 crs. • F • No S/U Grade Option • P: PSYC 260 or teacher licensure

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Admission to the EDS School Psychology program or teacher licensure required.

Psychological principles and theories related to education are examined, particularly those surrounding human development, learning, motivation, technology, and assessment.

### **PSYC 725 Counseling I**

2 crs. • F • No S/U Grade Option

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
• Limited to graduate students in the school psychology program.

Introduction to fundamental counseling and consultation techniques.

### **PSYC 726 Counseling II**

2 crs. • Sp • No S/U Grade Option • P: PSYC 725  
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0  
• Limited to graduate students in the school psychology program.

Advanced counseling and consultation techniques with emphasis on supervised practice. A continuation of Counseling I to provide training experiences related to individual and group counseling of children with specific problems/crises.

### **PSYC 732 Psychopathology in Childhood and Adolescence**

3 crs. • Sp • No S/U Grade Option • P: PSYC 350/PSYC 550

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Limited to graduate students in the school psychology program.

A study of emotional and behavioral disorders of children and adolescents. Emphasis is on recognizing the characteristics of disorders and the contexts in which they occur, with secondary attention to etiology and treatment.

### **PSYC 760 Psychoeducational Assessment I and II**

3 crs. • F, Sp • Special Course Fee Required • May be repeated for a maximum of 6 credits • No S/U Grade Option

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
• Students must enroll for two semesters. Limited to graduate students in the school psychology program.

School psychology assessment procedures are studied using theoretical readings and applied practice. Test administration and interpretation, psychometric theory, and oral and written reporting are covered. Emphasis on cognitive, academic, and social/emotional areas.

### **PSYC 761 Practicum: Assessment**

1 cr. • F, Sp • May be repeated for a maximum of 4 credits • No S/U Grade Option • P: Registration in PSYC 760.

Practicum Hours: 1 | Lab/Studio Hours: 0  
• Limited to graduate students in the school psychology program.

Practicum that focuses on building assessment skills through practice assessment experiences and participation in supervised clinical evaluations as a clinical team member.

### **PSYC 781 Practicum: Behavioral Consultation**

2 crs. • Sp • No S/U Grade Option • P: PSYC 380/PSYC 580

• Limited to graduate students in the school psychology program.

Approaches to solving child/adolescent behavior problems through consultation with educators and parents are studied through applied practice and theoretical readings. Emphasis on functional assessment, intervention implementation, and various theories of indirect service delivery.

### **PSYC 784 Multicultural Practicum in School Psychology**

1 cr. • F, Sp • Special Course Fee Required • No S/U Grade Option • P: Admitted to the Ed.S. certification phase of the school psychology program, second year school psychology students • Department Consent Required

• Limited to graduate students in the school psychology program.

Students complete part of their Practicum in the Schools requirement at the Lac du Flambeau school under the supervision of their school psychologist. Students participate in community orientation, assessment, intervention, and classroom consultation activities.

### **PSYC 785 Practicum: School Psychology**

3 crs. • F, Sp • May be repeated for a maximum of 6 credits • No S/U Grade Option

• Student must enroll for two semesters. Six credits required. Limited to graduate students in the school psychology program.

Supervised experiences within school settings. Students develop skills required for delivery of school psychological services. Four professional skill domains are emphasized: (1) assessment; (2) intervention; (3) consultation; and (4) collaboration with educational professionals.

### **PSYC 786 Practicum: Clinical Settings**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option

• Limited to graduate students in the school psychology program.

Practicum involving supervised casework in a clinical setting. Students perform assessment, consultation, and intervention with clients of the Human Development Center or Psychological Services Center.

### **PSYC 787 Internship in School Psychology**

3 crs. • F, Sp • IN • May be repeated for a maximum of 6 credits • No S/U Grade Option

• Full-time equivalent. Student must enroll for two semesters. Recommendation for Initial License in School Psychology. Six credits required. Phase 3, Internship Phase of training requires a minimum of 1,200 hours of supervised professional experience in an approved placement setting(s), 600 hours must be completed in the public schools. Application and approval procedures and internship requirements are detailed in the Internship Handbook.

Full school year of supervised internship within the public school setting for the student preparing for School Psychologist certification. Includes full-scale involvement in school psychological services and accompanying seminar.



**PSYC 791 The Professional Practice of School Psychology: Role, Function, Ethics, and Legal Issues**

3 crs. • F • No S/U Grade Option

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

• Limited to graduate students in the school psychology program.

The purpose of this course is to introduce school psychology graduate students to the practice of school psychology. Topical areas of coverage include the role and function of a psychologist, ethical and legal practice, and critical issues in the field.

**PSYC 792 Research Seminar in School Psychology**

2 crs. • Sp • No S/U Grade Option

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

• Limited to graduate students in the school psychology program.

Identification of research problems, techniques of literature search, critical reading of related literature, research methodology. Students must complete thesis proposal including statement of problem, review of related literature, and research design. Typically taken with Psychology 731.

**PSYC 793 Special Topics**

1-3 crs. • V • May be repeated • No S/U Grade Option

Content determined by the needs of students and interests of psychology faculty. Presents emerging concepts and methods in psychology.

**PSYC 795 Research Paper**

1-2 crs. • V • May be repeated • PR Only Grade Basis

**PSYC 796 Evidence-based Intervention in School Psychology**

3 crs. • Sp • No S/U Grade Option • P: PSYC 791

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

• Limited to graduate students in the school psychology program.

This course will expose students to individual and systems-level academic, behavioral, emotional, and social interventions used in school-based settings. All interventions will be discussed within the context of evidence-based practice as well as direct and indirect service delivery.

**PSYC 797 Independent Study**

1-3 crs. • F, Sp • May be repeated • No S/U Grade Option • Department Consent Required

**PSYC 799 Thesis**

1-3 crs. • F, Sp • May be repeated for a maximum of 3 credits • PR Only Grade Basis

• Full-time equivalent. Limited to graduate students in the school psychology program.

**SOCIAL WORK**

Human Sciences and Services 253

715-836-4435

[www.uwec.edu/sw](http://www.uwec.edu/sw)

**GRADUATE FACULTY**

Elena Izaksonas, Ph.D.

Donald D. Mowry, Ph.D. (Chair)

Otrude N. Moyo, Ph.D.

Leah Olson-McBride, Ph.D.

Lisa Quinn-Lee, Ph.D.

**PROGRAMS**

The University of Wisconsin-Madison School of Social Work offers its **Master's in Social Work (MSW)** program on the UW-Eau Claire campus in cooperation with the Department of Social Work.

The MSW program offers a social problem and social issues focus to the education and preparation of students as advanced practitioners and leaders across the fields of social work practice. Students find that the teaching of practice, knowledge, values, and skills with an analytic approach fosters the ability to acquire and translate knowledge into sound professional social work practice with individuals, families, groups, communities, and organizations.

The MSW program offered on the UW-Eau Claire campus is part-time and is designed to allow students who are not able to pursue full-time study to work toward an MSW degree on a structured time-extended basis:

- Courses are offered on Saturdays.
- Field work options can include places of employment.
- Advanced Standing is available for those individuals who have completed a BSW degree within the past seven years.
- Currently, the concentration that is available at UW-Eau Claire is Child, Youth, and Family.

Application information is available on the UW-Madison School of Social Work Web site at: [http://socwork.wisc.edu/new\\_web/?q=node/58](http://socwork.wisc.edu/new_web/?q=node/58).

For program information contact Diane Brandt at [dbrandt@wisc.edu](mailto:dbrandt@wisc.edu).

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from 300- and 400-level undergraduate courses. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level. Course restrictions listed are based on the undergraduate course. Questions regarding course restrictions for graduate students should be directed to the appropriate department office.

## SW

### SW 560 Death and Bereavement

3 crs. • V • *Field Trip(s) Required* • No S/U Grade Option • P: SOC 101 or PSYC 100 or consent of instructor.

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

• Cross-listed with SW 360 and NRSG 360/560. Credit may only be earned in one of these courses. No credit if taken after SOC 318, PSYC 339 or SW 350.

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a life span, family, and cultural perspective.

### SW 605 Ethnic-Sensitive Social Work Practice

3 crs. • F, Sp • No S/U Grade Option • P: SW 320

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

• Cross-listed with SW 405. Credit may not be earned in both courses.

Understanding different minority groups of color with special focus on social services, programs, and ethnic-sensitive practice issues.

### SW 624 Alcohol and Other Drug Abuse

3 crs. • V • No S/U Grade Option

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

• Cross-listed with SW 424. Credit may not be earned in both courses.

Diagnosis, causal theories, current treatment methods, prognosis, and prevention related to the field of alcohol and other drug abuse.

### SW 691 Special Topics

1-3 crs. • V • *May be repeated* • No S/U Grade Option

• Cross-listed with SW 491. Credit cannot be earned in both courses.

Selected social work issues of current interest that affect practice.

## SOCIOLOGY

Schneider 440

715-836-2720

[www.uwec.edu/soc](http://www.uwec.edu/soc)

## GRADUATE FACULTY

Melissa Bonstead-Bruns, Ph.D. (Chair)

Margaret L. Cassidy, Ph.D.

Jeff S. Erger, Ph.D.

Pamela J. Forman, Ph.D.

Peter Hart-Brinson, Ph.D.

Jeremy Hein, Ph.D.

Jianjun Ji, Ph.D.

Tarique Niazi, Ph.D.

Kathleen A. Nybrotten, Ph.D.

## PROGRAMS

No graduate degree program offered.

## COURSES

Courses in Sociology are offered as electives for programs in other disciplines.

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.



## SOC

### **SOC 514 Social Class and Inequality**

3 crs. • Sp • No S/U Grade Option • P: SOC 101 •  
Department Consent Required

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

• Cross-listed with SOC 314. Credit may not be earned in both courses.

Examination of the extent, causes, impact, and theoretical explanations for social inequality with an emphasis on social class; includes examinations of power relations, social mobility, poverty, race, and gender.

### **SOC 564 Social Gerontology**

3 crs. • V • No S/U Grade Option • P: SOC 101 •  
Department Consent Required

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

• Cross-listed with SOC 364. Credit may not be earned in both courses.

Focuses on the social aspects of aging. Examines research and theories in the field, social structural influences on the aging process, and the social experiences and relationships of older people.

### **SOC 791 Current Topics in Sociology**

3 crs. • No S/U Grade Option • P: SOC 101 •  
Department Consent Required

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

Areas of contemporary concern to faculty which develop general social understanding and enrich the lives of professionals, graduate students, and other interested adult members of the community.

### **SOC 797 Independent Study**

1-3 crs. • May be repeated • No S/U Grade Option •  
Department Consent Required



## SPECIAL EDUCATION

Human Sciences and Services 249

715-836-5511

[www.uwec.edu/sped](http://www.uwec.edu/sped)

## FACULTY

Rosemary Battalio, Ph.D. (Chair and  
Program Coordinator)

Angela Dalhoe, Ph.D.

Minkowan Goo, Ph.D.

Barbara Meier, Ed.D.

Anne Papalia, Ph.D.

J. Todd Stephens, Ph.D.

Cathy A. Thorsen, Ed.D.

## PROGRAMS

### **MSE—Special Education**

The graduate program leading to the degree Master of Science in Education-Special Education provides an individualized program for advanced study in special education. Three courses are required (Sped 708, 735, and 775). The remaining 21 credits are selected in consultation with an adviser to meet the candidate's needs and interests. Certification in an area of special education may be obtained as part of the MSE program. See Undergraduate Catalog for certification requirements.

Admission requirements include: (1) a bachelor's degree; (2) an overall GPA of 2.75; (3) a statement of professional intent; and (4) three letters of recommendation. The requirements for the degree include completion of Sped 708 with a grade of B or above; completion of required courses including a minimum of 15 credits open only to graduate students; a 3.00 GPA; completion of written and oral comprehensive examination, thesis and oral defense, or research paper and oral defense. Graduate special education students who successfully complete written and oral comprehensive examinations, thesis and oral defense, or research paper and oral defense will be required to do a public forum presentation as a culminating activity.

### **Director of Special Education & Pupil Services (online)**

This 13-credit certification program has been approved by the Wisconsin DPI as preparation for License 80. This is a one-year program that begins each June. Applications are due by April



1. For details, see the Education program section on the Continuing Education website, [www.uwec/ce](http://www.uwec/ce).

Sped 782 - Special Education Law .....3 crs.  
 Sped 786 - Leadership in Special Education 3 crs.  
 Sped 787 - Leadership in Pupil Services .....3 crs.  
 Sped 695 - Budget & Finance for Special  
 Education & Pupil Services ..... 1 cr.  
 Sped 789 - Leadership in Special Education  
 and Pupil Services .....3 crs.

## COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from 300- and 400-level undergraduate courses. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level. Course restrictions listed are based on the undergraduate course. Questions regarding course restrictions for graduate students should be directed to the appropriate department office.

## SPED

### **SPED 500 Inclusive Practices for Secondary Educators**

2 crs. • F, Sp, Su • No S/U Grade Option • P: Limited to teaching majors admitted to College of Education and Human Sciences.

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

• Limited to secondary education majors. NOTE: Upper division courses required of special education majors carry the prerequisite of admission to the student's professional program. Cross-listed with SPED 300. Credit may not be earned in both courses.

Surveys characteristics of diverse learners including students with disabilities, cultural differences, gifts/talents, and at-risk concerns. Provides knowledge and practice regarding the secondary educator's role related to special education processes, professional collaboration, and curricular adaptations/modifications.



### **SPED 501 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 301/501.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• SPED 301/501 may not be substituted with ES 203. Cross-listed with SPED 301. Credit may not be earned in both courses. Must have master's degree early childhood except for already certified teachers.

Fieldwork with children without disabilities in order to acquire a more complete understanding of typical and atypical child growth and development, and general education curriculum. Experience is required by Wisconsin DPI.

### **SPED 506 Behavior Management**

3 crs. • F, Sp, Su • No S/U Grade Option • P: SPED 200, or SPED 300, or SPED 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

• Cross-listed with SPED 306. Credit may not be earned in both courses.

Behavioral approaches to managing student behaviors. Includes classroom management techniques, contingency contracting, behavior counting and charting, reinforcement systems, behavior therapy, and uses of punishment.

### **SPED 521 Observation & Assessment of Atypical Development: Birth to 6 Years**

1 cr. • V • No S/U Grade Option • P: SPED 200 and SPED 210 or SPED 220. SPED 322/522, SPED 323/523 concurrently, or consent of instructor.

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

• Cross-listed with SPED 321. Credit may not be earned in both courses.

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 522 Play & Sensory Exploration in ECSE**

1 cr. • V • Special Course Fee Required • No S/U Grade Option • P: SPED 200 and SPED 210 or SPED 220. SPED 321, SPED 323 concurrently, or consent of instructor.

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

• Cross-listed with SPED 322. Credit may not be earned in both courses.

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 523 Medical Aspects of Atypical Development**

1 cr. • V • *Special Course Fee Required • No S/U Grade Option • P: SPED 200 and SPED 210 or SPED 220. SPED 321, SPED 322 concurrently, or consent of instructor.*

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

• Cross-listed with SPED 323. Credit may not be earned in both courses.

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 530 Introduction to Learning Disabilities**

3 crs. • F, Sp • *No S/U Grade Option • P: SPED 200, or SPED 300, or SPED 400 or consent of instructor. Limited to teaching majors admitted to the College of Education and Human Sciences.*

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

• Cross-listed with SPED 330. Credit may not be earned in both courses. Communication Sciences and Disorders (CSD) and school psychology students may also enroll in this course.

Survey course of causes, educational problems, and intervention programs associated with learning disabilities.

### **SPED 531 Special Education Procedures and General Methods**

2 crs. • F, Sp, Su • *No S/U Grade Option • P: SPED 210 or 220 or 330/530 or 350/550; or consent of instructor. May be taken concurrently with SPED 330/530. Limited to teaching majors admitted to College of Education and Human Sciences.*

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

This course is designed to provide a basic knowledge of special education procedures as outlined by current federal legislation. General methods related to planning, managing, delivering, and evaluating instruction in a special education classroom are presented.

### **SPED 550 Introduction to Emotional/Behavioral Disabilities**

3 crs. • Su • *No S/U Grade Option*

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

• Cross-listed with SPED 350. Credit may not be earned in both courses.

Survey course of characteristics, causes, and intervention in relation to the education of students with emotional disturbance. Focus is on historical, theoretical, and current issues impacting school-based practice.

### **SPED 600 Inclusive Practices for Elementary Educators**

3 crs. • F, Wi, Sp • *No S/U Grade Option • P: Limited to elementary education (Middle Childhood through Early Adolescence or MCEA) majors admitted to College of Education and Human Sciences.*

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

• Admission to elementary education (Middle Childhood through Early Adolescence or MCEA) program or consent of instructor. Cross-listed with SPED 400. Credit may not be earned in both courses.

Designed to help elementary educators in observing, identifying, and teaching diverse learners including children with disabilities, cultural differences, gifts/talents and/or at-risk concerns. Provides knowledge and practice related to special education processes, professional collaboration, and curricular adaptations/modifications.

### **SPED 601 Assessment of Students with Disabilities**

3 crs. • F, Sp • *No S/U Grade Option • 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

• Cross-listed with SPED 401. Credit may not be earned in both courses.

Application of assessment terminology and statistical concepts. Selection, administration of tests, and interpretation of scores from teacher-made, norm-referenced, and criterion-referenced assessments.

### **SPED 602 Parent and Family Involvement**

3 crs. • F, Sp • *No S/U Grade Option • 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

• Cross-listed with SPED 402. Credit may not be earned in both courses.

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 604 Pre-student Teaching Experience with Individuals with Disabilities**

3 crs. • F, Sp, Su • *May be repeated for a maximum of 6 credits • No S/U Grade Option • P: SPED 306/506 and SPED 331/531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 431/631.*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Cross-listed with SPED 404. Credit may not be earned in both courses.

Pre-student teaching experience with children and adolescents with disabilities in PK-8 environments. Assignments are in conjunction with SPED 421 and/or 431.



**SPED 614 Special Vocational Support Strategies**

3 crs. • Su • No S/U Grade Option • P: SPED 416/616. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

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

• Cross-listed with SPED 414. Credit may not be earned in both courses.

Vocational support strategies used with high school students with disabilities. Emphasis is placed on active involvement in vocational laboratory experiences.

**SPED 616 Career Education and Transition**

2 crs. • F, Sp • No S/U Grade Option • P: SPED 335 or SPED 404/SPED 604 and SPED 431/SPED 631 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 434.

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

• Cross-listed with SPED 416. Credit may not be earned in both courses.

This course will introduce the basic concepts of career and vocational education. This course includes a clinical experience with adolescents with mild disabilities.

**SPED 617 Curriculum and Methods for Students with Moderate or Severe Disabilities**

3 crs. • Sp • No S/U Grade Option • P: SPED 210 or SPED 331/SPED 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

• Cross-listed with SPED 417. Credit may not be earned in both courses.

Study, selection, and preparation of suitable curriculum and methods used in teaching students with moderate/severe cognitive disabilities.

**SPED 621 Early Childhood Special Education Methods of Intervention: 3-6 year olds**

3 crs. • Sp • No S/U Grade Option • 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

• Cross-listed with SPED 421. Credit may not be earned in both courses.

Course focus is on curriculum and inter/trans disciplinary instructional practices that facilitate cognitive, language/communication, social/emotional, physical, adaptive skill development and pre-academic learning. (Emphasis is on instructional practices/intervention strategies for 3-6 year old children.)

**SPED 626 Early Intervention for Infants/Toddlers with Atypical Development: Methods, Intervention and Evaluation**

3 crs. • Sp • No S/U Grade Option • P: SPED 401/SPED 601 and SPED 321/SPED 521, SPED 322/SPED 522, SPED 323/SPED 523. Limited to teaching majors admitted to College of Education and Human Sciences.

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

• Cross-listed with SPED 426. Credit may not be earned in both courses.

Course examines development of infants and toddlers, screening/assessment methods for detecting significant developmental delays, specific disability areas, best practices for family/caregiver involvement and intervention in infant-toddler programs, service coordination, and Birth to Three transition practices.

**SPED 631 Academic Skills for Elementary Students with Mild Disabilities**

4 crs. • F, Sp • No S/U Grade Option • P: SPED 331/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 404/SPED 604.

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

• SPED 335 substitutes for SPED 404. Cross-listed with SPED 431. Credit may not be earned in both courses.

This course focuses on research-based 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 632 Language Development and Intervention for Students with Disabilities**

3 crs. • No S/U Grade Option • 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

• Cross-listed with SPED 432. Credit may not be earned in both courses.

Theoretical models and strategies for assessing and teaching language skills to students with disabilities.

**SPED 634 Secondary Methods for Students with Mild Disabilities**

2 crs. • F, Sp • No S/U Grade Option • P: SPED 335/SPED 535 or SPED 404/SPED 604, and SPED 431/SPED 631. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 416/SPED 616.

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

• Cross-listed with SPED 434. Credit may not be earned in both courses.

This course will provide the student with knowledge about secondary methods used in reading, mathematics, written expression, study skills, and self-advocacy. Behavioral methods, IEP development, and post-secondary planning will also be presented.



## SPECIAL EDUCATION

### **SPED 653 Behavioral Assessment and Planning**

1 cr. • Su • No S/U Grade Option • P: SPED 306/506, and 401/601; or consent of instructor.

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

• Cross-listed with SPED 453. Credit may not be earned in both courses.

This course will focus on the development of knowledge and skills in the areas of implementing a functional behavior assessment (FBA) and creating a behavior intervention plan (BIP) based on FBA results.

### **SPED 655 Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities**

3 crs. • Su • No S/U Grade Option • P: SPED 306/506, 401/601, and 350/550; or consent of instructor.

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

• Cross-listed with SPED 455. Credit may not be earned in both courses.

This course will assist in the development of knowledge and skills in the areas of social skills training, behavioral techniques, instructional strategies, and collaboration for delivery of intensive behavioral techniques for students with emotional/behavioral disabilities.

### **SPED 665 Child Abuse and Neglect: Educational Implications**

3 crs. • No S/U Grade Option

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

• Cross-listed with SPED 465. Credit may not be earned in both courses.

Provides professionals with basic information relative to identifying and reporting suspected cases of child abuse and neglect, effects of abuse and neglect upon the child's total school performance, the role of community agencies, and the school's role in prevention.

### **SPED 695 Directed Studies in Special Education**

1-3 crs. • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with SPED 495. Credit may not be earned in both courses. Arranged by department in response to need. Group study, under the immediate direction of a Special Education faculty member, of a defined problem not covered in existing courses.

### **SPED 701 Motor Function in Individuals with Disabilities**

3 crs. • No S/U Grade Option

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

Theories, research, methods, and implementation of motor development programs for children and adolescents with disabilities.

### **SPED 708 Introduction to Graduate Studies in Special Education**

3 crs. • No S/U Grade Option • Instructor Consent Required

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

• Must be taken prior to taking 12 graduate credits in Master's of Special Education (MSE) program.

Study of issues and trends in special education. Prepares students to be more effective graduate students by developing critical thinking and technical writing skills.

### **SPED 711 Program Planning for Students with Disabilities**

3 crs. • No S/U Grade Option • Instructor Consent Required

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

Examination of alternative goals, objectives, curriculum, methods, and materials currently for use with students with disabilities.

### **SPED 729 Organization and Administration of Education Programs for Learners with Disabilities**

3 crs. • Su • No S/U Grade Option

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

Prepares teachers, related service personnel, and administrators to function proactively and successfully on behalf of learners with disabilities and their families through family, school, and community partnerships.

### **SPED 731 Design of Academic and Social Skills Instruction in Special Education**

3 crs. • No S/U Grade Option

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

Focuses on effective instruction for students with disabilities. Principles of instructional design lay the foundation for constructing, modifying, and evaluating academic and social skills curricula. Also examines the factors that influence curriculum change and reform.

### **SPED 735 Intervention for Students with Academic or Social Needs**

3 crs. • Su • No S/U Grade Option • P: SPED 401/SPED 601 and SPED 431/SPED 631 or consent of instructor.

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

Supervised experience teaching in a summer clinic. Use of curriculum-based assessment to monitor academic, social, and behavioral interventions with students who have academic or social needs.

### **SPED 765 Behavior Management Methods and Curriculum for Students with Severe Emotional Disturbance**

3 crs. • Sp • No S/U Grade Option • P: SPED 306/SPED 506, SPED 350/SPED 550, SPED 401/SPED 601.

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

Focus on management techniques and instructional strategies for the more severely emotionally disturbed. Areas addressed include psychiatric disorders such as depression, school phobia, somatic disorders, personality disorders, and schizophrenia.

**SPED 775 Advanced Seminar and Practicum in Assessment**

3 crs. • F, Sp • No S/U Grade Option • P: SPED 401/SPED 601, or SPED 403/SPED 603, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0  
Study of advanced skills, current trends, and issues in the assessment of children/youth with disabilities. Includes participation (one weekday per semester) in Human Development Center, educational assessment, report writing, and independent research.

**SPED 778 The Special Education Cooperating Teacher**

3 crs. • No S/U Grade Option

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

• Open to approved certified teachers

Designed to develop competencies in guidance and supervision of practicum with children with disabilities.

**SPED 779 Special Education Supervision Practicum**

3 crs. • No S/U Grade Option • P: SPED 778.

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

• Current involvement in supervision.

Designed for cooperating teachers who have completed Sped 778, The Special Education Cooperating Teacher. Supervision competencies are developed through supervising student teachers in school settings.

**SPED 782 Special Education Law**

3 crs. • Su • No S/U Grade Option

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

This intensive course is designed for graduate level students and addresses federal legislation, regulations, and process and litigation specifically related to special education. In-depth analysis of case law and the implications for the PK-12 education system emphasized.

**SPED 784 Issues and Trends in Special Education**

2 crs. • No S/U Grade Option • Instructor Consent Required

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

Contemporary issues and trends in special education, including children's rights, educational needs, practices, and programs.

**SPED 786 Leadership in Special Education**

3 crs. • V • Special Course Fee Required • No S/U Grade Option • P: SPED 782 • Instructor Consent Required

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

This course addresses leadership and administration of PK-12 special education programs. Operational responsibilities will be analyzed.

**SPED 787 Leadership in Pupil Services**

3 crs. • V • Special Course Fee Required • No S/U Grade Option • P: SPED 782

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

This course addresses leadership and administration of PK-12 pupil services programs. Operational responsibilities will be analyzed.

**SPED 789 Leadership in Special Education and Pupil Services**

3 crs. • V • Special Course Fee Required • No S/U Grade Option • P: SPED 782, 786, and 787. •

Instructor Consent Required

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

This field-/seminar-based course, which includes a 150-hour practicum, is the culminating experience for Special Education Director/Director of Pupil Services licensure. Seminar component addresses issues encountered by Directors of Special Education and/or Pupil Services.

**SPED 793 Directed Studies in Education**

1-3 crs. • May be repeated • No S/U Grade Option

• Approval of department chair and associate dean.

Group study, under the immediate supervision of a Department of Special Education staff member, of a defined problem or issue not covered in existing courses.

**SPED 795 Research Paper**

1-2 crs. • May be repeated • PR Only Grade Basis

**SPED 797 Independent Study**

1-3 crs. • May be repeated • No S/U Grade Option •

Department Consent Required

**SPED 799 Thesis**

1-6 crs. • May be repeated • PR Only Grade Basis

• Full-time equivalent.



## WOMEN'S STUDIES

### WOMEN'S STUDIES

Hibbard 607

715-836-5717

Fax: 715-836-5019

[www.uwec.edu/wmns/](http://www.uwec.edu/wmns/)

[leelucy@uwec.edu](mailto:leelucy@uwec.edu)

### GRADUATE FACULTY

Audrey Fessler, Ph.D.

Barbara Kernan, Ph.D.

Asha Sen, Ph.D. (Program Director)

### PROGRAMS

No graduate degree programs offered.

### COURSES

All 500- and 600-level graduate courses include requirements or assignments which differentiate them from their companionate 300- and 400-level undergraduate offerings. Students who have taken a course at the 300 or 400 level may not include that course at the 500 or 600 level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level.

### WMNS

#### **WMNS 513 Gender, Sex, and Science in European History**

*3 crs. • V • No S/U Grade Option • P: Six credits of history and/or women's studies, or consent of the instructor.*

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

• Cross-listed with HIST 313/513 and WMNS 313. Credit may only be earned in one course.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

#### **WMNS 535 Transnational/Global Feminisms**

*3 crs. • Sp • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: One previous women's studies course or consent of instructor.*

Seminar Hours: 3 | Lab/Studio Hours: 0

Provides students with a framework to understand the complexity of women's lives outside the United States. Include theories for global/transnational understandings of the factors enabling women to mobilize and enact changes to improve their lives.

#### **WMNS 536 Psychology of Women**

*3 crs. • F, Sp • No S/U Grade Option*

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

• Cross-listed with WMNS 336 and PSYC 336/536. Credit may only be earned in one of these courses.

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research may apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

#### **WMNS 544 Women, Work and Family**

*3 crs. • V • A-F Grades Only*

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

• No credit if taken after WMNS 433 when offered as Women & Work-Family Issues.

Feminist analysis of work-family issues with emphasis on women's experiences. Contemporary and/or historical perspectives on intersections of work and family, potentially including multicultural, social, psychological, economic, queer, and/or additional perspectives will be explored.

#### **WMNS 551 Women and Politics**

*3 crs. • Sp • No S/U Grade Option*

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

• Cross-listed with WMNS 351 and POLS 351/551. Credit may only be earned in one of these courses.

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and office-holders. The impact of feminism and the women's movement on issues and policymaking.

#### **WMNS 556 Women in Cross-Cultural Perspective**

*3 crs. • F • No S/U Grade Option*

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

• Cross-listed with WMNS 356 and ANTH 356/556. Credit may only be earned in one of these courses.

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

#### **WMNS 557 Women and Economic Development**

*3 crs. • V • No S/U Grade Option*

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

• Cross-listed with WMNS 357 and ECON 357/557. Credit may only be earned in one of these courses. No credit if taken after WMNS 480 in summer of 2001.

Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin American, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

#### **WMNS 563 Studies of Women in Mathematics**

*1-3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301.*

• Cross-listed with WMNS 363 and MATH 363/WMNS 563.

Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.



## WOMEN'S STUDIES

### **WMNS 573 American Women's History to 1870**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with WMNS 373 and HIST 373/573. Credit may only be earned in one of these courses.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

### **WMNS 578 American Women's History Since 1870**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with WMNS 378 and HIST 378/578. Credit may only be earned in one of these courses.

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

### **WMNS 585 The History of Middle Eastern Muslim Women**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with WMNS 385 and HIST 385/585. Credit may only be earned in one of these courses.

Examines the lives of Middle Eastern Muslim Women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

### **WMNS 594 Studies in the History of Women**

1-3 crs. • V • May be repeated • No S/U Grade Option

• Cross-listed with WMNS 394 and HIST 394/594.

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult schedule or department office for current offering.

### **WMNS 595 Directed Studies**

1-3 crs. • F, Sp, Su • May be repeated • No S/U Grade Option • Department Consent Required

• Cross-listed with WMNS 395.

Study of a women's studies problem or topic approved by supervising instructor and women's studies coordinator. May be applied to the Critical Research Project requirement for the Women's Studies minor. May also address individual or group projects for exploration of topical issues or questions confronted in other courses. Ordinarily, this course will involve only students who have completed some Women's Studies coursework.

### **WMNS 606 Queer Theories and Sexual Politics**

3 crs. • Sp • No S/U Grade Option • P: WMNS 200 or WMNS 206 or WMNS 305 or three credits of women's studies courses, or consent of instructor.

Seminar Hours: 3 | Lab/Studio Hours: 0

• With permission of the instructor, a feminist theory course in another discipline may fulfill the prerequisite.

Seminar addresses theoretical and political debates that confront the institution of heterosexuality. Queer theorists contextualize gender and sexualities within LGBTQ social movements for civil rights. Explores intersectionality of LGBTQ oppression (heterosexism) with other social forces.

### **WMNS 631 Women and Communication**

1-3 crs. • V • May be repeated for a maximum of 3 credits • No S/U Grade Option

• Cross-listed with WMNS 431.

Addresses issues related to communication, women, and/or gender.

### **WMNS 632 Women and Science**

1-3 crs. • V • May be repeated for a maximum of 3 credits • No S/U Grade Option

• Cross-listed with WMNS 432.

Explores gender issues in science. Examines questions of gender-related bias in scientific content, methodologies, project execution and analysis. Consideration of the status of women in science.

### **WMNS 633 Women and Social Science**

1-3 crs. • V • May be repeated for a maximum of 3 credits • No S/U Grade Option

• Cross-listed with WMNS 433.

Addresses issues related to the social sciences, women, and/or gender.

### **WMNS 634 Women and the Humanities**

1-3 crs. • V • May be repeated for a maximum of 3 credits • No S/U Grade Option

• Cross-listed with WMNS 434.

Addresses issues related to the humanities, women, and/or gender.

### **WMNS 636 Education of Girls and Women in the United States**

2 crs. • V • No S/U Grade Option

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

• Cross-listed with WMNS 436 and ES 436/636. Credit may only be earned in one of these courses. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

**WMNS 640 Lesbian Lives and Cultures**

3 crs. • V • No S/U Grade Option

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

• Cross-listed with WMNS 440. Credit may not be earned in both courses.

An interdisciplinary overview of lesbian lives and cultures, including historical, cultural, and political understandings of lesbian life in the U.S. Includes examination of intersections of sexual, racial, ethnic, and class identities.

**WMNS 647 Design and Domesticity**

3 crs. • V • Field Trip(s) Required • No S/U Grade Option

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

• Cross-listed with WMNS 447. Credit may not be earned in both courses. No credit if taken after WMNS 434/WMNS 634: Women and the Humanities, when offered as Design and Domesticity.

An interdisciplinary study of factors which contributed to stereotypes of Perfect Wife and Mother. Visits to local 19th-Century homes reveal Domestic Spheres designed to reinforce class lines, impose morality, and gender space.

**WMNS 682 Women in Latin American Literature**

3 crs. • V • No S/U Grade Option • P: SPAN 363/SPAN 563 or SPAN/LAS 367/SPAN/LAS 567.

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

• Cross-listed with WMNS 482 and SPAN 482/SPAN 682. Credit may only be earned in one of these courses.

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

**WMNS 690 Feminist Analysis and Practices: Interdisciplinary Themes**

3 crs. • Sp • No S/U Grade Option • Instructor Consent Required

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

• Cross-listed with WMNS 490. Credit may not be earned in both courses.

Comparative study of the theories and methods of feminism, from historical, multidisciplinary, and cross-cultural perspectives. Examines theoretical foundations, current debates and advances in feminist scholarship.

**WMNS 696 Capstone: Social Justice Practicum**

3 crs. • F, Sp • CP; Field Trip(s) Required • No S/U Grade Option • Department Consent Required

• Cross-listed with WMNS 496.

Seminar Hours: 3

As a culminating experience, students work collectively to understand and address community needs. Collaborating with a community organization and guided by feminist approaches to social justice, students strategize, implement and assess a plan of action.

**WMNS 698 Women's Studies Internship**

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • No S/U Grade Option • P: Three credits of WMNS courses. • Department Consent Required

• Cross-listed with WMNS 498.

Supervised application and examination of Women's Studies theory in a professional setting related to the student's area of interest.



# UNIVERSITY OF WISCONSIN-EAU CLAIRE

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# UNIVERSITY OF WISCONSIN—EAU CLAIRE

## ADMINISTRATIVE ORGANIZATION AND PERSONNEL (Continued)

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Associate Dean .....	Margaret L. Cassidy
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### Dean of the College of Business .....Diane Hoadley

Associate Dean .....	Timothy S. Vaughn
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### Dean of the College of Education and Human ..... Gail P. Scukanec

Interim Associate Dean .....	Jill Prushiek
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### Dean of the College of Nursing and Health Sciences ..... Linda Young

Associate Dean .....	Debra Jansen
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## GRADUATE FACULTY

(As of March 21, 2013)

<http://www.uwec.edu/Registrar/catalogs/Catalogs.htm>



# ABBREVIATIONS

## Course Prefixes

Acct	Accounting
AIS	American Indian Studies
Anth	Anthropology
Art	Art
ArtH	Art History
Bcom	Business Communication
Biol	Biology
Bsad	Business Administration
CE	Computer Engineering
Chem	Chemistry
Chin	Chinese
CJ	Communication/Journalism
CND	Collaborative Nursing Degree
CPSC	Computational Science
Crnj	Criminal Justice
CS	Computer Science
CSD	Communication Sciences and Disorders
Dnce	Dance
DNP	Doctor of Nursing Practice
Econ	Economics
Engl	English
Enph	Environmental Public Health
Env	Environmental Studies
ES	Education Studies
ESL	English as a Second Language
Fin	Finance
Flg	Foreign Language
Fltr	Foreign Literature in Translation
Fren	French
Gen	General Courses
Geog	Geography
Geol	Geology
Germ	German
Grk	Greek
HASA	Health and Aging Services Administration

## Abbreviations in Course Descriptions

cr(s)	Semester credit(s)
Arr	Hours arranged
F, Wi, Sp, Su, SuI, V	The semester or session when a course is likely to be offered: Fall, Winterim, Spring, Summer, Summer Interim or Varies (inquire in department)
iBT	Internet based test
GPA	Grade point average
P	Prerequisite(s) to the course
S/U	Satisfactory/Unsatisfactory

## Special Program and Course Fee Abbreviations

CND	BSN Completion Fee
DNP	DNP Program Fee
HCAD	HCAD Program Fee

## Degree Abbreviations

DNP	Doctor of Nursing Practice
Ed.S.	Specialist in Education
MA	Master of Arts
MBA	Master of Business Administration
MEPD	Master of Education—Professional Development
MS	Master of Science
MSE	Master of Science in Education
MSN	Master of Science in Nursing
MST	Master of Science in Teaching
MSW	Master of Social Work

Hcad	Health Care Administration
Hist	History
Hmng	Hmong
Hnrs	Honors Colloquium
Hums	Humanities
INTB	International Business
IS	Information Systems
Idis	Interdisciplinary Studies
Inta	International Studies Abroad
Ints	International Studies
Intx	International Studies Exchange
Japn	Japanese
Kins	Kinesiology
LAS	Latin American Studies
Lat	Latin
Lmed	Library Science and Media Education
LS	Liberal Studies
Math	Mathematics
MBA	Master of Business Administration
Mgmt	Management
Mktg	Marketing
Msci	Materials Science
MSL	Military Science and Leadership
Mued	Music Education
Musi	Music
Mutx	Music Therapy
Nrsg	Nursing
Phil	Philosophy
Phys	Physics
Pols	Political Science
Psyc	Psychology
PHP	Public Health Professions
PSAS	Professional Studies Arts and Sciences
PSB	Professional Studies Business
Rels	Religious Studies
Russ	Russian
Soc	Sociology
Span	Spanish
Sped	Special Education
SW	Social Work
Thea	Theatre Arts
Wmns	Women's Studies
Writ	Writing

## Academic Building Abbreviations

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

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