



## Undergraduate 2000-2002 Catalog

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- AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION
- COUNCIL ON SOCIAL WORK EDUCATION (UNDERGRADUATE)
- NATIONAL ASSOCIATION OF SCHOOL PSYCHOLOGISTS
- NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC
- NATIONAL ASSOCIATION OF SCHOOLS OF THEATRE
- NATIONAL COUNCIL FOR THE ACCREDITATION FOR TEACHER EDUCATION
- NORTH CENTRAL ASSOCIATION OF COLLEGES AND SCHOOLS

## RULES AND POLICIES STATEMENT

The information contained in this publication is based upon current regulations and policies of the University of Wisconsin-Whitewater as of January 1, 2000.

Wisconsin Statutes, administrative rules, resolutions of the Board of Regents of the University of Wisconsin System, court decisions, opinions of the Attorney General, regulations and policies of the University of Wisconsin-Whitewater, and any other rules or decisions from an authoritative source applicable to the university, are among the sources of information in this publication. They are subject to change without notice.

Information contained in this publication is also subject to revision without notice. For the most specific, up-to-date information on any subject that is part of this publication visit the online version of the continually updated catalog, appropriate University Offices or the Registrar's Office.

The University of Wisconsin-Whitewater is committed to equal opportunity in its educational programs, activities and employment policies for all persons regardless of race, color, gender, creed, religion, age, ancestry, national origin, disability, sexual orientation, political affiliation, marital status, Vietnam-era veteran status, parental

status and pregnancy. Refer inquiries to the Diversity and Equal Opportunity Compliance Office, University of Wisconsin-Whitewater, Whitewater, WI 53190.

# INFORMATIVE CONTACTS

UW-WHITEWATER  
800 West Main Street  
Whitewater, WI 53190

Campus Directory (262) 472-1234  
Touch-Tone Information System (262) 472-4000  
Internet <http://www.uww.edu>

| CONCERNING                     | ADDRESS/TELEPHONE                                   | CONCERNING                       | ADDRESS/TELEPHONE                          |
|--------------------------------|---|----------------------------------|--|
| Admission to the University    | Admissions Office<br>Baker Hall<br>(262)472-1440    | Financial Aid                    | Hyer 130<br>(262)472-1130                  |
| Adult and Part-time Enrollment | Admissions Office<br>Baker Hall<br>(262)472-1440    | Graduate School                  | Roseman 2015<br>(262)472-1006              |
| Alumni Information             | University Relations Alumni Center<br>(262)472-1105 | Health & Counseling Service      | Health Center 1013<br>(262)472-1300        |
| Athletic Director              | Williams Center 123<br>(262)472-1543                | Honors Program                   | Hyer 420<br>(262)472-1181                  |
| Career Services                | Library 2002B<br>(262)472-1471                      | Parking Information              | Police & Parking Services<br>(262)472-4660 |
|                                |   | Registration                     | Baker Hall B-7<br>(262)472-1211            |
|                                |   | Residence Hall Life              | Goodhue Hall 200<br>(262)472-1151          |
|                                |   | Student Retention Services (EOP) | McCutchan Hall 118<br>(262)472-1209        |

|  |  |  |   |
|--|--|--|---|
| College of Arts & Communication  | Center of The Arts 2001<br>(262)472-1221                       | Summer School Information                        | Roseman 2013<br>(262)472-1100                         |
| College of Business & Economics  | Carlson Hall 4037<br>(262)472-1343                             | Tickets for Athletic and Performing Arts Program | University Center<br>(262)472-2222                    |
| College of Education   | Winther Hall 2030<br>(262)472-1101                             | Transcript of Credits                            | Registrar<br>Baker Hall B-27<br>(262)472-1213         |
| College of Letters & Sciences  | Salisbury Hall 123<br>(262)472-1620                            | Transfer of Credits                              | Admissions Office<br>Baker Hall<br>(262)472-1440      |
| Continuing Education<br>Credit Outreach/ Off-Campus Courses<br>Non-Credit Events | Roseman 2013<br>(262)472-1100<br>Roseman 2005<br>(262)472-3165 | Veterans' Information                            | Registrar<br>Baker Hall B-7<br>(262)472-1211          |
| Disabled Student Services  | Roseman 1003<br>(262)472-4711                                  | Workshops, Camps and Conferences                 | Continuing Education<br>Roseman 2005<br>(262)472-3165 |
| Distance Education   | Roseman 2010<br>(262)472-1003                                  |  |   |
| Exchange/Study Abroad<br>International Program                                   | Roseman 2040<br>(262)472-4992                                  |  |   |

## MISSION STATEMENT

### **University of Wisconsin System**

Each institution of the University of Wisconsin System shares in the mission of the System which is to develop human resources, to discover and disseminate knowledge, to extend knowledge and its application beyond the boundaries of its campuses, and to serve and stimulate society by developing in students heightened intellectual, cultural, and humane sensitivities, scientific, professional, and technological expertise; and a sense of value and purpose. Inherent in this mission are methods of instruction, research, extended education, and public service designed to educate people and improve the human condition. Basic to every purpose of the System is the search for truth.

### **The Core Mission of the University Cluster Institutions**

With the approved differentiation stated in their selected missions, each university in the Cluster shall:

- a. Offer associate and baccalaureate degree level and selected graduate programs within the context of its approved mission statement.
- b. Offer an environment that emphasizes teaching excellence and meets the educational and personal needs of students through effective teaching, academic advising, counseling and through university-sponsored cultural, recreational and extra-curricular programs.
- c. Offer a core of liberal studies that supports university degrees in the arts, letters, and sciences, as well as specialized professional/technical degrees at the associate and baccalaureate level.
- d. Offer a program of pre-professional curricular offerings consistent with the university's mission.
- e. Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its approved mission statement.
- f. Promote the integration of the extension function, assist the University of Wisconsin-Extension in meeting its responsibility for statewide coordination, and encourage faculty and staff participation in outreach activity.

- g. Participate in interinstitutional relationships in order to maximize educational opportunity for the people of the state effectively and efficiently through the sharing of resources.
- h. Serve the needs of women, minority, disadvantaged, disabled, and non-traditional students and seek racial and ethnic diversification of the student body and the professional faculty and staff.
- i. Support activities designed to promote the economic development of the state.

### **Select Mission of the University of Wisconsin-Whitewater**

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

- a. Offer an extensive range of undergraduate programs and degrees, including interdisciplinary programs in letters, sciences, and the arts, as well as programs and degrees leading to professional specialization.
- b. Offer graduate education built clearly upon its undergraduate emphases and strengths with particular emphasis in the fields of business and education.
- c. Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its special mission.
- d. Provide supportive services and programs for students with disabilities.
- e. Recruit minority and non-traditional students and provide support services and programs for them.
- f. Serve as a regional cultural and resource center.
- g. Provide continuing education and outreach programs as an integrated institutional activity.

2000-02 CALENDAR

### **Spring Term 2000**

Orientation/Registration January 10-14, 2000

Martin Luther King Day January 17, 2000

Classes Begin January 18, 2000

Spring Recess Begins 9:00 p.m. March 24, 2000

Spring Recess Ends 7:45 a.m. April 3, 2000

Spring Mini Break April 21, 2000

Exam Period May 8-16, 2000

Commencement May 13, 2000

Final Day of Semester May 18, 2000

### **Summer Term**

Summer Term Begins May 22, 2000

Summer Term Ends August 11, 2000

### **Fall Term 2000**

Orientation/Registration August 28-September 1, 2000

Labor Day September 4, 2000

Classes Begin 7:45 a.m. September 5, 2000

Thanksgiving Recess Begins 5:00 p.m. November 22, 2000

Thanksgiving Recess Ends 7:45 a.m. November 27, 2000

Study Day 7:45 a.m.-4:00 p.m. December 14, 2000

Exam Period December 14-20, 2000

Commencement December 16, 2000

Final Day of Semester December 22, 2000

### **Winterim 2001**

Winterim Begins January 2, 2001

Winterim Ends January 19, 2001

## **Spring Term 2001**

Martin Luther King Day January 15, 2001

Orientation/Registration January 16-19, 2001

Classes Begin 7:45 a.m. January 22, 2001

Spring Recess Begins 9:00 p.m. March 23, 2001

Spring Recess Ends 7:45 a.m. April 2, 2001

Spring Mini Break April 13, 2001

Exam Period May 14-22, 2001

Commencement May 19, 2001

Final Day of Semester May 23, 2001

## **Summer Term 2001**

Summer Term Begins May 29, 2001

Summer Term Ends August 17, 2001

## **Fall Term 2001**

Orientation/Registration August 27, 2001

Labor Day September 3, 2001

Classes Begin 7:45 a.m. September 4, 2001

Thanksgiving Recess Begins 5:00 p.m. November 21, 2001

Thanksgiving Recess Ends 7:45 a.m. November 26, 2001

Study Day 7:45 a.m.-4:00 p.m. December 13, 2001

Exam Period December 13-19, 2001

Final Day of Semester December 21, 2001

Commencement December 22, 2001

## **Winterim 2002**

Winterim Begins January 2, 2002

Winterim Ends January 18, 2002

## **WELCOME TO UW-WHITewater**

The University of Wisconsin-Whitewater is a public university and part of the 26-campus University of Wisconsin System which serves more than 150,000 students statewide. Founded in 1868, the University of Wisconsin-Whitewater is a premier regional university committed to the goal of achieving "Excellence for the 21st Century" where quality teaching is the first and foremost responsibility of every faculty member.

The 1,000 members of the faculty, staff and administration are also committed to providing practical experiences that enhance learning both inside and outside the traditional classroom.

The university provides quality programs and services that meet the needs of students preparing to live and work in an increasingly diverse, multicultural and global society linked to an interdependent political, environmental, economic, and information-rich world.

UW-Whitewater has a current enrollment of approximately 10,500 students and offers 43 undergraduate and 14 graduate degree programs in the Colleges of Arts and Communication, Business and Economics, Education, and Letters and Sciences.

A general education program, recognized as a leading model for the UW System, provides a body of knowledge that undergirds and broadens all degree programs to enhance a student's lifelong experiences.

UW-Whitewater faculty and staff strive to extend personal attention to all students, providing a concerned academic environment that is responsive to individual needs.

Today, in addition to its academic programs, it is a center for leadership and service through its coordination of numerous conferences on subjects as diverse as regional planning, international education and the status of women. It also sponsors lectures,



concerts and programs which enrich the cultural life of students, faculty and the community. An extensive program of evening on-campus and off-campus courses is offered for those who are employed during the day. Counseling for small businesses is provided free of charge by the Small Business Development Center.

The University invites students of all ages to participate in its programs. Students range in age from 17 to the 90s, from persons taking one class to those with a full course of studies, from high school students sampling college to business persons seeking new expertise in their field of business, from senior citizens to the traditional college freshman.

UW-Whitewater's 400-acre campus includes 46 academic/auxiliary buildings, a nature preserve and arboretum, and 43 acres set aside for baseball, football, soccer, softball, track, and tennis.

The focal point of the campus is a two-block mall which links classroom and administrative buildings with the multi-purpose University Center. North of the mall lie residence halls, the student health center, the Williams Physical Education and Recreation Center, and the 12,500 seat Perkins Stadium. To the west is the Center of the Arts and the Young Auditorium which serve as a regional cultural center.

Located in Whitewater, a friendly, picturesque city of 12,000 people, UW-Whitewater is near rural recreation areas, yet within convenient driving distance of the metropolitan centers of Milwaukee, Madison, and Chicago.

The University of Wisconsin-Whitewater is a campus with a long history of providing the time and the place for:

- obtaining a quality education
- exploring new ideas and interests
- discovering oneself to the fullest

## **TRADITION OF EXCELLENCE IN EDUCATION**

- Innovative programs such as The Milwaukee Experience, Project Assist, and the first Beginning Teacher Assistance Program in the United States have earned national recognition for the College of Education.
- The CPA examination scores achieved by UW-Whitewater's accounting graduates have consistently ranked the University among the top ten colleges and universities nationally every year since 1985.

- UW-Whitewater features a diverse student body that includes the third largest minority enrollment in the University of Wisconsin System.
- With its special mission to serve students with disabilities, the University has invested more than \$2 million in improvements to guarantee barrier-free access to all campus buildings. As such, UW-Whitewater ranks among the top five universities nationally in accessibility.
- The UW-Whitewater Office of Disabled Student Services has earned a reputation for innovative programs as demonstrated by its receipt of the American Association of State Colleges and University's top national award in 1994.
- For the fourth time, the UW-Whitewater Management Computer Systems Program was ranked as the number one four-year computing degree program in the United States and Canada by the Data Processing Management Association. UW-Whitewater is the only institution to receive the number one ranking more than once.
- Due to the development and implementation of an innovative General Education curriculum, universities throughout the country regard UW-Whitewater as having a model program and actively seek out its counsel in revising their own programs.
- The UW-Whitewater Business Education Program earned the 1994 and 1997 national four-year university award from the Business Education Division of the American Vocational Association.
- UW-Whitewater has built a tradition of success among its 19 men's and women's intercollegiate athletic programs.
- The UW-Whitewater Office of Continuing Education and Graduate Studies reaches out to its constituency and annually attracts over 30,000 people to a variety of camps, programs, and conferences.
- The Wisconsin Innovation Service Center is a highly respected operation which provides comprehensive evaluations of thousands of new product ideas and is the only non-profit service of its kind in Wisconsin.
- The UW-Whitewater chapter of the Association of Collegiate Entrepreneurs has earned more awards from the national organization than any other college or university in the United States.
- UW-Whitewater serves as a cultural center for the region through the visual and performing arts programming offered in the Center of the Arts and the Irvin L. Young Auditorium, serving a combined annual audience of 100,000 area residents.
- The America's Best Colleges, published by "U.S. News and World Report" magazine has listed UW-Whitewater in its tier one ranking of Midwestern regional colleges and universities.

## **ADMISSION INFORMATION**

**FRESHMAN:** To apply for admission to UW-Whitewater, applicants can obtain an admissions application from their high school counselor or from the UW-Whitewater Admissions Office. Also, the UW System electronic application is available through the Internet at this address: [apply.wisconsin.edu](http://apply.wisconsin.edu). An application may be considered as early as September 15 of the senior year. It must include a high school record, class rank or grade point average, the courses to be completed in the senior year, and the application fee.

Eligibility for admission to UW-Whitewater will be based on the following criteria:

1. Graduation from a recognized high school. (Applicants who completed a high school equivalency diploma (GED) may still be considered if at least 21 years of age and out of school for two years or more.)
2. Applicants must complete 17 units of high school work with a minimum of 13 core college preparatory units from the academic areas of English (including speech), social studies, mathematics, and science. Within the 17 units, the applicant must have the following academic pattern:
  - a. Four required units in English which may include one unit of speech.
  - b. Three required units in social studies.
  - c. Three required units in mathematics, (including beginning algebra, geometry, and advanced algebra, or an algebra/trigonometry combination).
  - d. Three required units in science.
  - e. Four additional units from any of the required areas or from the arts, computer science, foreign language, accounting or other academic areas as approved by the University. Admitted new freshmen students failing to complete their senior year required core academic limits will have their admission rescinded. Students interested in completing deficiencies during the Summer must contact the Admissions Office.
3. Applicants who have completed the required academic unit pattern will be eligible for admission if they (1) rank in the upper 50 percent of their high school class, or (2) rank in the lower 50 percent of their high school class and have combined high school class and ACT/SAT percentile ranks of 100 or above.
4. Due to an enrollment limitation program, a discretionary admissions category (applications will be held for possible acceptance at a later date) has been established for freshman applicants. UW-Whitewater has defined this category

to include applicants who meet the minimum admission standards, but rank in the bottom half of their class, and have a combined class rank percentile and test score percentile between 70 and 99. During recent years, approximately 33% of the students in the discretionary category have been offered admission.

5. Special consideration may be given for admission for applicants who are 21 years of age, have been home-schooled, have served in the armed forces, come from a disadvantaged background, or have other unique circumstances.
6. OUTSTANDING students may be considered for part-time or full-time admission to UW-W before completing high school. Early admission is granted on an individual basis and only to those highly qualified applicants who can demonstrate that they can benefit from entrance into college prior to high school graduation. For further information contact the Admissions Office.

### **FRESHMAN ORIENTATION, REGISTRATION, AND ACADEMIC**

**ADVISING:** Incoming freshmen attend one of several summer registration/orientation programs. At that time students meet with an adviser (usually the major department chair) for assistance in selecting courses to be taken in the freshman year. Parents are invited and encouraged to attend, as there will be a special program scheduled for parents while students are receiving advising and are registering.

Also, there will be additional orientation/registration activities during the first few days of the fall semester. These programs are designed to make the freshman transition to college life as smooth as possible.

**TRANSFER STUDENTS:** To apply for admission, an application can be obtained from a UW System university or center, or an electronic application is available through the Internet at this address: [apply.wisconsin.edu](http://apply.wisconsin.edu). Instructions with the admissions application will explain the procedure to be followed. An application fee is required for transfer students who have not previously attended a UW System campus as a matriculated student. In addition to the admissions application and high school records, official transcripts from all post-secondary institutions attended must be submitted. Applicants may be accepted on a tentative basis during the last term of enrollment at the sending institution provided they meet the minimum academic requirements for University admission.

UW-Whitewater requires a minimum 2.0 (4.0 system) cumulative grade point average to transfer; however, admission requirements may be higher for students planning to enroll in particular academic programs and during periods of enrollment limitation. Students who are enrolled in their first semester and who do not meet freshman admissions standards, must complete 12 college transferable credits to receive transfer admission consideration.

Guaranteed Transfer Program - Students participating in the UW-College/UW-W Guaranteed Transfer Program may begin their university education at a UW-College and upon completion of 60 credits be guaranteed the same opportunity to continue at UW-W as students who began at UW-W. Please note that upon transferring to UW-W it is necessary for students to submit another UW-System admission application. Students reapplying under this program are not required to resubmit a second high school transcript. UW-College transcripts should be forwarded to the UW-W Office of Admissions at the time of application. A minimum cumulative grade point average of 2.0 (4.0 system) is required for transfer; however, grade point average requirements may be higher for students planning to enroll in particular programs.

College of Education In order to enroll in a program leading to teacher certification, a student must be admitted to Professional Education (which normally occurs after completion of 40 or more college credits). Students who are pursuing teacher education programs will be admitted on a competitive basis of experience with children and diverse groups as well as cumulative grade point average. The application and information on criteria for admission may be obtained from the College of Education Information desk, Winther Hall 2033 (262-472-1184).

College of Business and Economics applicants interested in pursuing a business major must declare "Pre-Business" as the major. Pre-Business students are eligible to enroll in lower division business courses after they have completed twenty-four credits and possess at least a 2.50 combined grade point average. After a student completes fifty-four or more credits and has satisfactorily completed or is enrolled in 210-244, 210-249 or 210-341/342, 230-211, 230-212, 230-245 and 250-211 (765-162 and 765-171 for BBA MCS majors), the student can apply for admission to a major in the College of Business and Economics. All students with a 2.80 combined GPA or better would be admitted to a major in the College. Application forms for admission to the College of Business and Economics are available at the Assistant Dean's Office and are completed during the required Pre-Business advising meetings. Students who have questions concerning admission should contact the Assistant Dean of the College of Business and Economics.

Transfer credits are not granted for upper-division business courses at UW-W unless the equivalent courses were taken after completing 60 credits and were junior or senior level at the previous institution. Before receiving a degree in Business, students must earn at least 18 credits in their major at UW-W (21 credits if majoring in accounting or management computer systems).

For transfer students enrolling in the College of Business and Economics or the College of Education, the grade point average compiled at previous post-secondary

institutions is considered for purposes of determining eligibility to enroll in these programs.

**ACADEMIC ADVISING AND COURSE SELECTION:** Transfer students are required to attend an orientation session and receive academic advising for registration purposes. Advising is normally handled by personnel from the major department; however, students should consult with their minor department as well. Students admitted under the "special student" classification are not required to attend the orientation program or to seek advising assistance.

**READMITTED STUDENTS:** Students returning to the University after an absence of one semester or more must file an application for readmission. The application can be obtained from the UW-W Admissions Office or any other UW System university or center, or an electronic application is available through the Internet at this address: [apply.wisconsin.edu](http://apply.wisconsin.edu). It is also necessary to furnish transcripts covering college-level work taken elsewhere during their absence from UW-Whitewater. Readmitted students must receive advising before registering and are encouraged to seek other assistance as needed for their unique situation.

#### **SPECIAL STUDENTS:**

**SPECIAL STUDENTS WITHOUT CREDENTIALS.** Students who wish to enroll for six credits or less in any semester may apply for admission as a "special student without credentials". The application fee is not required but some record of previous academic work may be required to establish academic eligibility. Prospective students who do not meet admission standards will not be granted admission as a special student. Special students without credentials may attend summer school without establishing academic eligibility and may take as many credits as are regularly allowed in the summer school for all students.

Special students without credentials are not considered candidates for a degree and are not required to receive formal academic advising upon enrollment. Academic Progress Reports (APRs) are not available for special students; however, sample APRs are available upon request.

**SPECIAL STUDENTS WITH CREDENTIALS.** Students who have a conferred bachelor's degree and wish to enroll only for undergraduate work may apply as a "special student with credentials". An admissions application and an official transcript indicating receipt of the degree must be submitted for review. An admissions application fee is required for students seeking teaching licensure or a second bachelor's degree and who have not previously attended a UW System campus as a matriculated student. Students in this classification must meet the UW-W program

grade point average requirement and are considered to have fulfilled proficiency, general education, core and diversity requirements. Transfer credit evaluations and Academic Progress Reports (APRs) are not available for special students; however, sample APRs are available upon request. Formal academic advising is not required.

**INTERNATIONAL STUDENTS:** The University will consider applications from international students who demonstrate academic potential, are proficient in English, and have adequate financial resources to meet expenses while attending UW-Whitewater. To assess academic potential, results of nationally-administered examinations and the secondary school record will be considered. Please note that secondary education must consist of a college-preparatory program.

**ACADEMICALLY DISMISSED STUDENTS:** Students dismissed for academic reasons at UW-Whitewater will be considered for readmission if their grade point average is improved by means of work taken through UW-Whitewater summer sessions. Students will also be eligible for readmission if they have remained out of college for the time specified under the probation and dismissal policies of the University. Students who have been academically dismissed and attend other post-secondary institutions during their absence from UW-W will be evaluated based upon their academic performance (final grades) at the sending institution; this may delay the readmission process to the University and could affect admission eligibility.

## **RESIDENCY REGULATIONS**

Applicants who are adults and who have been bona fide residents of the State of Wisconsin for one full year prior to the beginning of the term of enrollment or minor students whose parents have been bona fide residents of the state for 12 months prior to the beginning of the semester of enrollment are exempt from payment of nonresident tuition. Also, applicants who have been continuously employed full time in this state, and were relocated to Wisconsin by their current employer; or applicants who moved to Wisconsin for employment purposes and accepted current employment before applying for admission to UW-Whitewater, may, along with their spouse and dependents, be exempt from the payment of nonresident fees provided the person making application demonstrates an intent to establish and maintain a permanent home in Wisconsin.

In addition, persons may qualify as bona fide residents if they meet any of the following criteria:

- nonresident members of the armed forces (including spouse & dependents) stationed in the state, or members of the armed forces who reside in Wisconsin

and are stationed at a federal military installation located within 90 miles of the borders of Wisconsin;

- graduates of a Wisconsin high school whose parents have been bona fide residents of the state 12 months prior to the beginning of the semester of enrollment, or whose last surviving parent was a bona fide resident of the state 12 months preceding his/her death;
- minor students who are orphans and have resided substantially in the state during the years of minority and at least 12 months preceding the beginning of the semester of enrollment;
- minor students under guardianship in the state during the years of minority and at least 12 months preceding the beginning of the semester of enrollment;
- adult students who have been employed as migrant workers in the state for at least 2 months each year for 3 of the 5 years next preceding the beginning of any semester or session for which they register at a university or center, or for at least 3 months each year for 2 of the 5 years preceding the beginning of the semester of enrollment;
- official refugees who moved to the state immediately upon arrival in the United States and who have resided in the state continuously; or
- minors or dependent adult students provided one or both parents have been bona fide residents of the state for at least 12 months preceding the beginning of the semester of enrollment.

Intent to become a bona fide resident may be demonstrated or disproved by factors including, but not limited to, filing of Wisconsin income tax returns, eligibility to vote in Wisconsin, motor vehicle registration in Wisconsin, possession of a Wisconsin operator's license, employment in the state, and self-support.

However, applicants who enter and remain in this state principally to obtain an education are presumed to continue to reside outside this state, and such presumption continues in effect until rebutted by clear and convincing evidence of bona fide residence.

## **MINNESOTA-WISCONSIN RECIPROCITY AGREEMENT**

This agreement allows Minnesota residents to pay a reduced non-resident fee to attend a Wisconsin university. Arrangements to participate in this program may be made by filing an application with the Minnesota Higher Education Coordinating Board, Suite 400, Capitol Square, 550 Cedar Street, St. Paul, Minnesota, 55101. (Subject to yearly approval by Minnesota-Wisconsin state governments.) (Telephone 612-296-3974 or 1-800-657-3866)



# ACADEMIC ADVISING

**GOALS OF ACADEMIC ADVISING:** Academic advising at UW-Whitewater is student initiated and faculty based.

Students have the ultimate responsibility to monitor their course of study, to fulfill all degree requirements, and to take the initiative to seek advising. Assistance is made available through the development of a supportive advising relationship with a faculty member teaching in the student's major.

Faculty advisers will assist in the development of an educational plan that is consistent with students' intellectual and professional goals and objectives. After developing such a plan, advisers provide guidance in the attainment of those goals in an orderly and timely manner.

The specific objectives of academic advising at UW-Whitewater include the following:

1. To provide accurate information on institutional policies, requirements, and resources and to assist individual students in making appropriate course selections to fulfill all degree requirements.
2. To aid students in a continuing and realistic appraisal of their choice of major and their success in all aspects of the academic program.
3. To lend support and encouragement to students as they pursue their educational and personal goals.
4. To make referrals to special services offices when appropriate.

**ADVISER ASSIGNMENT:** Academic advising is a departmental responsibility, and in general, students' advising records are deposited in the departmental office of their major area. Most students are advised through the department of their major.

Exceptions to this system include:

1. Pre-business students and all General Business majors in the College of Business and Economics are advised through the Office of the Assistant Dean, located in Carlson 4035.
2. Students who have not declared a major are advised by peer and faculty advisers in the College of Letters and Sciences - Undeclared Advising Office located in Salisbury 130.
3. Other students in the College of Letters and Sciences are assigned faculty advisers in the department of their major or in their pre-professional interest.
4. Students who are majoring in secondary education should seek advising from both their academic emphasis department and the Department of Curriculum

and Instruction. Specific questions about admission to Professional Education and licensure can be addressed to the Office of the Assistant Dean located in Winther 2035.

5. Special students pursuing regular elementary, middle or secondary education teacher licensure are advised through the Department of Curriculum and Instruction, and special students pursuing special education teacher licensure are advised through the Department of Special Education. Specific questions about admission to Professional Education and licensure can be addressed to the Office of the Assistant Dean located in Winther 2035.
6. Students in the Educational Opportunity Program (EOP) are advised by EOP advisers as well as departmental advisers.

In addition to the advising system outlined above, the offices of the Provost and Vice Chancellor for Academic Affairs, the Associate Vice Chancellor, Assistant Chancellor for Student Affairs, the College Advising Coordinators, Educational Opportunity Program, Registrar and Admission Offices, Tutorial Center, Learning Skills Center, University Health and Counseling Center, Academic Standards, Disabled Student Services, and Career Services are designed to give assistance as the need arises.

Related counseling services in the University include programs in financial aid, adult student resources, student employment, international student programs, health and vocational rehabilitation counseling, speech therapy and placement services. Career counseling is available through the Career Services Office.

The Registrar's Office maintains all academic records. Students may obtain a copy of their academic records as well as information about University regulations and registration from the Registrar's Office.

The Academic Progress Report (APR) is a complete match of a student's academic course history against a prescribed set of degree program requirements based upon the academic year on a student's record and the academic year of the requirements on the curriculum file. The APR is the official advising instrument. Students can request APRs from the advising locations of their major.

## **GRADING SYSTEM**

**GRADE POINT AVERAGE (GPA):** The grade point average is based on the computation of credits attempted and honor points earned. It is computed by dividing the honor point total by the total number of credits attempted (excluding

credits attempted on a satisfactory/no credit basis). For example, if students attempted 16 credits of work and received a B in each course, they would receive 48 honor points which would give them a grade point average of 3.00. Grade point averages are not rounded.

The undergraduate marking system and credit points for each semester credit are as follows:

| <u>Conventional Grades</u> | <u>Honor Points</u> |
|----------------------------|---------------------|
| A--Superior                | 4                   |
| B--Above Average           | 3                   |
| C--Average                 | 2                   |
| D--Poor                    | 1                   |
| F--Failure                 | 0                   |

N--No Grade Reported: 0 honor points for each semester credit but computed in the grade point average.

I--Incomplete: 0 honor points for each semester credit but not computed in the grade point average. If students have been doing passing work until near the end of a semester or summer school and then, because of illness or other unavoidable circumstances, are prevented from completing the work, their instructor may give them an "incomplete" and extend to them the privilege of completing the work at a later date. The instructor must give specific directions for the completion of the course on a Contract for Incomplete or Progress Grade and submit it to the Registrar with the final grades. An incomplete course must be completed within the agreed time but no later than the beginning of the exam period for the next semester (excluding summer), or the grade automatically becomes an F unless a default grade was submitted by the teacher with the incomplete grade, in which case the default grade will be assigned. If awarded in the term of graduation, the make-up period is 30 days maximum. In no case will students be given an incomplete when, through their own fault, they failed to complete the requirements of the course on time or failed to report for the final examination as scheduled. If the course work is not completed in the allotted time and a grade change submitted by the instructor, the incomplete will automatically be changed to an F grade prior to the grading cycle following the deadline.

**P--Progress:** 0 honor points, indicates course in progress toward completion. Can be used only in those courses that extend beyond the end of the semester. If students are given a P (progress) grade in a course, they must complete the work for a permanent grade at the agreed time, but no later than the beginning of the exam period for the next semester (excluding summer), or the grade automatically becomes an F. If awarded in the term of graduation, the make-up period is 30 days maximum. If the course work is not completed in the allotted time and a grade change submitted by the instructor, the progress grade will automatically be changed to an F grade prior to the grading cycle following the deadline.

**NC--No Credit:** Indicates an unsuccessful (D or F equivalent) attempt of a course on a satisfactory/no credit basis. This grade is not computed in the grade point average. **S--Satisfactory:** 0 honor points for each semester credit and not figured in computing grade point average. It represents a C grade or above in a satisfactory/no credit grading situation.

**W--Drop/Withdrawal:** 0 honor points and 0 credits. Indicates enrollment in the course through the first ten days of the semester or the first five days in a short-term course or summer session with a subsequent course drop or withdrawal.

**X--Audit:** 0 honor points and 0 credits.

**SEMESTER HONORS:** Students having earned a 3.40 or above semester grade point average with no grade below C (D, F, N, or NC), will be granted Academic Honors for that semester. To be considered for Academic Honors, students must have successfully completed a minimum of 12 credit hours of work for the semester, at least 9 of which must have been taken on a conventional grade basis.

**ABSENCES:** The notifying of instructors and arranging of make-up work in cases involving absence of students from class are the responsibility of the student. A student who is absent should notify instructors by phone or in person of the absence as soon as possible. If contact with instructors cannot be made directly, the student should see that a note is placed in each instructor's mailbox, explaining the nature of the situation and inquiring about the effect of the absence on the student's course work. If that is impossible, the student should call the academic departments involved.

In serious situations where the student is incapacitated and temporarily unable to perform the aforementioned responsibilities, family members may contact the Office of New Student Programs & First Year Experience (phone 262-472-3205) for assistance with these matters. The New Student Programs & First Year Experience office would then provide notification (not verification) of the absence to the instructors involved; however, arrangements for make-up work, make-up exams or

possible assignment adjustments are entirely the responsibility of the student. The Student Health Service and the New Student Programs & First Year Experience offices do not provide excuses for absences from class due to illness.

If students have questions or need consultation regarding specific situations, they are encouraged to contact their instructors or the academic department involved.

## REGISTRATION

Official registration for any session is accomplished only after students have: (1) been admitted and granted permission to register, (2) obtained advising as determined by the major department, (3) made a registration deposit, and (4) completed the process by either the telephone or the STAR system. Students may not attend a course/section without properly registering for it or adding it to their schedule of classes. Registration may not be permitted for any session after the last date of registration. The University reserves the right to close registration before the deadline if its enrollment capacity has been reached.

**ACT REQUIREMENT:** The ACT is required for all incoming freshmen prior to enrollment at UW-Whitewater. The exam is administered at a number of different times and locations; it is recommended that the exam be taken in the junior year or early in the senior year. Applicants must request ACT to forward scores to UW-Whitewater. If the ACT requirement is not satisfied by the time of enrollment, registration may be denied and/or classes may be cancelled for that or subsequent semesters. Questions regarding the ACT may be directed to the Office of Testing and Student Affairs Research (262-472-5613). The SAT Test is also acceptable.

**CLASSIFICATION:** Determined by the cumulative number of credits satisfactorily completed as follows:

|                |   |
|----------------|---|
| New Freshman   | 0 credits (excluding college credits earned while in high school) |
| Other Freshman | 1-23.9 credits  |
| Sophomore      | 24-59.9 credits   |
| Junior         | 60-89.9 credits   |

## **CREDIT IN TRANSFER OR BY EXAMINATION**

**GENERAL TRANSFER:** Transfer course numbers are converted to UW-Whitewater course numbers whenever possible. If a specific course number appears on the evaluation, students must not enroll for the course at UW-Whitewater unless they are repeating a course under the transfer course repeat policy. This would mean loss of credit, since duplicated credit for a course cannot be awarded.

Although grades earned at other post-secondary institutions will be included on the evaluation of transfer credit and the APR, the UW-Whitewater grade point average is not affected by grades earned elsewhere. Grades earned at other institutions are considered only for purposes of determining eligibility for admission to the University and eligibility for registration in certain majors, such as those in business, education and management computer systems.

For majors requiring higher grade point averages, the combined cumulative GPA of both the transfer college(s) and UW-Whitewater will be used to determine eligibility for course enrollment. Also, business students must complete course work in residence at UW-W in at least six courses (18 credit minimum) in their major field. A maximum of only two transfer courses will be allowed to count in any major in the BBA curriculum. Regardless of major, a minimum of 25% of the major course credits and 25% of the minor course credits must be completed at UW-Whitewater.

In order to be equated to a UW-Whitewater course, a course taken at another post-secondary institution must be taken for at least  $\frac{2}{3}$  of the number of semester credits for which the course is offered at UW-Whitewater.

Credit may be transferred to UW-Whitewater if the grade earned in the course at the previous institution is recognized as a passing grade (D or better) and the course parallels work offered at UW-Whitewater. If a course is repeated, credit will only be granted for repeated courses in which grades of D and F were received. Students may repeat courses transferred to UW-Whitewater from other post-secondary institutions subject to UW-Whitewater's repeat policy. Coursework completed at one transfer institution and repeated at a second transfer institution is recognized when calculating the transfer grade point average during the admission process. Please contact the Office of Admissions for further details or reference the repeat policy section of this Catalog.

Appropriate credits may be transferred from one curriculum to another within the University. Waiver(s) granted by one of the four colleges may not be recognized if the student switches colleges.

**Quarter Credits:** The number of credits earned for a course taken on the quarter system must be multiplied by  $\frac{2}{3}$  in order to convert to the semester system. Thus a course for 3 quarter credits would be changed to 2 semester credits when transferred to UW-Whitewater.

It is possible that some credit in academic areas other than those offered at UW-Whitewater may be accepted upon written appeal to the Admissions and Academic Standards Committee. In considering appeals, the Committee will consult with the appropriate department chairperson to determine whether the course content is related to the major or minor and whether granting the credit is of demonstrable educational value.

Students who feel that an adjustment in an evaluation is necessary should contact the Admissions Office before proceeding with academic advising and registration. Any adjustment in the credit evaluation must be requested within one year of the date of UW-W enrollment.

**TWO-YEAR COLLEGE TRANSFERS:** Courses taken at two-year campuses may be equated only to UW-Whitewater 100-level (freshman) or 200-level (sophomore) courses. When a course taken at a two-year college appears to parallel a 300-level (junior) or 400-level (senior) course at UW-Whitewater, the course may be accepted as a general elective.

After accumulating 72 credits, a minimum of 48 additional credits must be earned at UW-Whitewater and/or other accredited four-year colleges before a degree may be awarded. Upper-division UW-Whitewater students who decide to attend a two-year college after accumulating 72 credits toward graduation must obtain prior permission from the dean of their college.

Students enrolled in the Wisconsin Technical College System (WTCS) who wish to continue their education at UW-W may be eligible to transfer credits toward their bachelor's degree in the following ways:

1. Students enrolled in the college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, and Nicolet Area Technical

College may be eligible to transfer up to 72 credits toward their baccalaureate degree.

2. Students who have successfully completed coursework in the Wisconsin Technical College System may be eligible to transfer up to 15 credits of general education course work in the communication and social science breadth requirements.
3. Students may be eligible for credit by earning appropriate scores on national standardized examinations (e.g. College Level Examination Program) or examinations developed by UW-W.
4. Students with a declared business major who attain an Associate of Applied Science degree from the Division of Business and Marketing may be eligible to transfer a maximum of 12 credits in business related coursework.
5. Two program-to-program articulation agreements are in effect. Gateway Technical College (Speech Communication, Electronic Media emphasis major) and Madison Area Technical College (Biology Cell-Physiology emphasis major). Contact the Admissions Office for specific details.

For more information about these transfer opportunities, students should consult with their Wisconsin Technical College advisers or the UW-W Admissions Office.

**TRANSFER INFORMATION SYSTEM (TIS).** The Transfer Information System (TIS) is a source of information for students and advisers with questions regarding transferability of credits among UW System institutions and the Wisconsin Technical Colleges. This computer-based system provides information regarding transfer course equivalencies, academic program array, and student services departments. The TIS resource link is accessible through the UW-Whitewater WEB Home Page (<http://www.uww.edu>) under admissions. TIS is very user friendly with easy to use commands and an extensive tutorial. Access is available at all University Computer Labs.

**UNIVERSITY REMEDIAL, PROFICIENCY, GENERAL EDUCATION, AND DIVERSITY FULFILLMENT:** Transfer students with an Associate of Arts or Associate of Science degree from an accredited Illinois State junior college, Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or the University of Wisconsin College System, who transfer at least 40 acceptable credits to UW-Whitewater are considered to have fulfilled the University Proficiency and General Education requirements. Although the Associate degree satisfies all University Proficiency and General Education and Core Course requirements, there may be specific courses still required to meet degree and/or major/minor requirements. In addition to satisfying University Proficiency and General Education requirements, the UW-College Associate of Arts or Associate of Science degree awarded since Fall 1991 satisfies the Diversity requirement as well.



Advisers should be made aware of this fact so students are not needlessly advised into General Education courses. The final official transcript from the sending institution must indicate that the degree(s) specified have been awarded or the student will be responsible for fulfilling these requirements.

If a student transfers into a UW-W degree program which requires math, and the student has not completed the equivalent of UW-W math 141 or higher (Intermediate Algebra), the student will be required to complete a math placement exam unless the ACT math subscore is available.

For applicants who have a bachelor's degree from an accredited post-secondary institution and are seeking a second bachelor's degree at the University of Wisconsin-Whitewater, the first degree satisfies the University Proficiency, General Education, Core Course and Diversity requirements.

Beginning with the 1996 fall semester, all transfer students will be required to complete the following General Education Core Course requirements:

| <u># of Credits Transferred</u>   | <u>UW-W Core Course Requirements</u>                     |
|---|--|
| 0 - less than 21  | All General Education Core Courses                       |
| 21 - less than 34   | Three Core Courses (must include 900-390 World of Ideas) |
| 34 - less than 44   | Two Core Courses (must include 900-390 World of Ideas)   |
| 45+ credits-no AA/AS degree   | 900-390 World of Ideas only                              |
| Conferred AA/AS degree General Education and Core Course from UW-Colleges, requirements satisfied Madison/Milwaukee Area Technical Colleges, Nicolet Technical College, or Illinois State Junior Colleges | General Education and Core Course requirements satisfied |

Students transferring without the associate or bachelor's degrees described above are required to complete any remaining University proficiency requirements prior to completion of 60 credits toward graduation. Transfer students with 60 or more credits toward graduation must complete any remaining proficiency requirements within their first UW-W semester.

Students who do not receive transfer credit for English 101 or Mathematics 141 will be placed according to ACT or SAT subscores.

**CREDIT BY EXAMINATION AND ADVANCED STANDING:** The University provides opportunities for a student to receive advance academic credit and/or advanced standing on the basis of examination. Students desiring credit by examination should contact the Director of Testing and Student Research for information and the CREDIT BY EXAMINATION OPPORTUNITIES booklet which lists the examinations which have been approved by the University. The maximum number of credits by examination allowed will be 60 credits. This includes departmental and nationally-administered examinations or other credit by examination transferred to UW-W from another institution.

A student with a score of three or better on a College Entrance Examination Board (CEEB) Advanced Placement Examination will receive credit for a specific course offered at UW-W if the appropriate department has approved the examination and the particular test is included in the CREDIT BY EXAMINATION OPPORTUNITIES booklet. General elective credit will be granted for CEEB Advanced Placement courses even if they do not have direct relationship to specific courses offered at UW-W provided a score of three or better is earned.

The University also recognizes certain tests offered by the College Level Examination Program (CLEP). CLEP examinations include both general and subject examinations. In the case of subject examinations, the appropriate department at UW-Whitewater determines the course for which credit can be granted and the score required. With regard to CLEP General Examinations, the following policies apply:

1. A student attaining a score of 500 or above on the Social Science-History exam will be awarded 3 credits in social science.
2. A student attaining a score of 500 or above on the Humanities exam will be awarded 3 credits in fine arts or 3 credits in humanities. The student, with the advice of an adviser, may choose 3 credits in either fine arts or humanities.
3. A student attaining a score of 500 or above on the Natural Sciences exam will be awarded 5 credits in natural sciences.

If a student is enrolled in a course and desires to take a test for credit, the test must be taken no later than one month after the beginning of classes. Students who have completed credit by examination elsewhere should have official test scores sent to the Office of Testing and Student Affairs Research.

Each department at the University is authorized to devise its own test for purposes of granting advance credit for any course offered by the department.

Students may be placed in advanced courses, without receiving advanced credits, on the basis of standardized tests, high school performance, or departmental interviews.

Qualified students may attempt to earn retroactive credits in foreign language (French, German and Spanish). The procedure in each case is outlined in the CREDIT BY EXAMINATION OPPORTUNITIES booklet.

The University also has provisions for awarding advance credits based upon satisfactory scores on International Baccalaureate exams. For specific information concerning credits which may be awarded and the necessary score, students may contact the Director of Testing and Student Affairs Research (262-472-5613).

**VETERANS:** The University is approved by the State Approval Agency. Veterans may receive four elective credits if they received an honorable discharge after six months or more of service or if they were discharged into the National Guard or Reserves. The discharge certificate (DD214) must be submitted to the Admissions Office to obtain these credits.

Credit may be granted for formal courses offered by the armed services if the Guide compiled by the American Council on Education so recommends. Check with the Admissions Office for this type of credit.

Questions concerning veterans' educational benefits should be directed to the Veterans' Coordinator in the Registrar's Office. Students meeting with the Veterans' Coordinator for the first time should be sure to bring along their discharge certificate (DD214).

**INTERNATIONAL STUDY TOURS:** Prior to participation in an international study tour, it is important that students contact the Admissions Office regarding the transferability and applicability of credit. According to University of Wisconsin System policy, course work from accredited international universities and study abroad programs at accredited United States post-secondary institutions may be accepted in transfer. No credits will be granted on the basis of a transcript furnished by a commercial study tour.

**ACADEMIC LOAD:** The average course load to graduate in eight Fall/Spring terms is 15 credit hours. A maximum of 18 credits may be taken if students are in good standing. There is a 12-credit maximum for all students in summer term and a 6-credit maximum for special students without credentials during the regular terms. Students will be limited to 15 credits per Fall/Spring term if they have less than a 2.00 grade point average, are admitted on probation, or are a new freshman who ranks in the lower one-half of their high school graduating class and scores in the lower one-half on the American College Test (ACT) or the Scholastic Aptitude Test (SAT). Permission of the dean of the college in which students are enrolled must be received

before they can carry more than the maximum credits allowed according to their academic standing.

Students will not be permitted to enter a course after the fifth day of classes for the term. Exceptions to the deadline must be obtained from the dean of the college of the course. Students will be held responsible for the completion of all courses for which they are registered on that date unless they officially withdraw from the University or officially drop the course by proper procedures. (See Course Enrollment Options section for procedures.)

**SENIORS TAKING GRADUATE COURSES:** UW-Whitewater undergraduate students with senior status may be allowed to take a maximum of six graduate credits at UW-Whitewater provided they have completed at least 90 credits with a minimum of a 2.75 overall grade point average (or 2.90 over the last half of their course work). Seniors must file a Senior Application at the Graduate Office and have the written recommendation of the department chairperson of their undergraduate major. Seniors may not use graduate-level credits to satisfy requirements for the bachelor's degree, and undergraduate fees will be charged for their graduate-level work. This privilege is not available to seniors at other institutions or to students who already possess a bachelor's degree.

**TIMETABLE:** Published each term by the Registrar's Office, it includes all policies, procedures, courses offered with their requisites, and other information pertinent to registration.

## **Degrees and Graduation**

The University of Wisconsin-Whitewater offers the following undergraduate degrees: Associate of Arts, Bachelor of Arts, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science, and Bachelor of Science in Education. Students may be awarded only one degree at any commencement. The University has the right to rescind a previously granted degree if the University becomes aware of information that the degree should not have been granted.

**SECOND DEGREE:** Students wishing to earn a second baccalaureate degree from UW-Whitewater must complete all requirements for the second degree and have a minimum of 30 undergraduate credits at UW-Whitewater after the date of the conferring of the first earned degree. A minimum of 25% of the major course credits and 25% of the minor course credits must be completed at UW-Whitewater.

**BACHELOR'S DEGREE REQUIREMENTS:** To be a candidate for the Bachelor's Degree, students must satisfactorily complete the following: 1) a minimum of 120

undergraduate credits in courses numbered 100 through 400; 2) the University Proficiency and General Education requirements, college requirements, and departmental requirements; 3) a minimum GPA of 2.0 or better on a 4.0 system both overall and in the major and minor fields [certain programs require grade point averages higher than 2.0 - see college and major requirement sections]; 4) completion of a minor if required in the major/degree program; the minor must be a valid combination with the major, a second major may be used in place of a minor; 5) the major department's writing competency requirement. Students should refer to their APR and/or contact their departmental adviser to determine which course, course sequence or equivalent will fulfill this requirement. Completion of the writing requirement for one major will satisfy this requirement in the other major; 6) a 3-credit diversity course, the primary focus of which is racial and ethnic minority issues. This course may also satisfy other university requirements; 7) a minimum of 48 credits at an accredited 4-year institution after the last credit was earned at a 2-year institution; and, 8) participation in a University institutional testing program examination, if requested.

**ASSOCIATE OF ARTS DEGREE REQUIREMENTS:** Students may earn an Associate of Arts degree by successfully completing a minimum of 60 credits, including proficiency requirements, 15 credits of 100 level core courses, 23 credits of general education breadth courses, and the diversity requirement with a UW-W 2.00 cumulative GPA. The breadth categories are the same as the baccalaureate degree with a minimum of 3 credits in humanities, 5 credits in a lab science, 3 credits in natural science or math, 3 credits of social science and physical education 440-192.

Fifteen of the 60 credits must be taken in course work at UW-Whitewater. Students must be enrolled at UW-Whitewater during the semester in which the requirements are completed.

Application for an Associate of Arts degree must be made no later than two years after the last term of attendance. An Associate of Arts degree cannot be received at the same time as a baccalaureate degree. Associate of Arts degree candidates do not participate in the commencement ceremony. There is a graduation fee for the Associate of Arts degree.

**RELATED DEGREE POLICIES:** Students must take required courses in their major and their minor on a conventional grade basis. The same course credits may not be counted in both the major(s) and the minor(s). In those cases in which the same courses are required in more than one major and/or minor, departments will determine appropriate additional courses to meet the minimum credit requirements for each. The minimum credit requirements must be met for each major and each minor. Students are responsible for meeting all degree requirements in effect at the University of

Wisconsin-Whitewater at the time of the declaration of their current major unless they interrupt their attendance at Whitewater by an absence of four or more consecutive terms (including summer), in which case upon re-entry they will be subject to the requirements in effect at that time. Students may elect to satisfy any newer set of requirements provided they satisfy all of them related to the specific component of the degree program.

If students have not completed their degree requirements within eight years, they may be required by the dean of the college in which they are enrolled to satisfy newer requirements as deemed appropriate. Under special conditions substitutions are allowed that are in their best interest and considered educationally sound by the dean.

Students may fulfill the requirements for another major or minor after receiving their degree from UW-Whitewater if the following conditions are satisfied: 1) the major/minor course and GPA requirements in effect at the time of declaration of intent are completed; 2) course credits used to satisfy the requirements of previous major(s) or minor(s) are not used; 3) the major/minor transfer course limitation is not exceeded; and 4) the course selection is approved by the department chairperson. A major or a minor will not be awarded to a student who has not earned a degree at UW-Whitewater.

**RESIDENCE REQUIREMENTS:** A minimum of thirty (30) credits of UW-Whitewater course work is required to qualify for an undergraduate degree. At least fifteen (15) of these thirty (30) credits must be taken at UW-Whitewater immediately prior to graduation. A minimum of 25% of the major course credits and 25% of the minor course credits must be completed at UW-Whitewater. Students pursuing any major in the BBA curriculum must complete course work in at least six courses (18 credit minimum) in their major field. A maximum of two transfer courses may count in the BBA major.

**APPLICATION FOR DEGREE:** Students must file a written application for degree with a Graduation Examiner in the Registrar's Office no later than the end of the second week of the term in which they expect to graduate. However, it is strongly recommended that they apply at least 15 months before the intended graduation date, so changes can be made to their schedule if a problem is identified during the graduation clearance process. Application forms are available in the Registrar's Office. To avoid graduation problems, the APR should be thoroughly reviewed with an academic adviser each semester.

If students wish to challenge a final term grade as a graduating student, they must make the challenge within 30 days. After the degree is posted, no changes will be made retroactively to the permanent academic record. Any questions should be

directed to the Records department of the Registrar's Office at 472-1580. All work toward a degree must be completed and the graduation approvals obtained with appropriate documentation on file in the Registrar's office within one month after graduation, or graduation will be delayed until the next graduation date following completion of the work.

Students may graduate on the official date of graduation for a preceding term, if they successfully complete all course and degree requirements within 30 days of the official end of that term. This policy allows for students to use courses completed in Winterim or the first session of the Summer Term when these sessions are completed within 30 days of the end of the December or May semester respectively. It is understood that there cannot be an extension beyond this 30-day limit from the previous term for incomplete or progress grades received in Winterim or the first session of the Summer Term.

**GRADUATION FEE:** Graduating students will be charged a graduation fee which will appear on their billing statement. The fee is paid to the University Cashier's Office during the term in which the students intend to graduate. The fee is published in the current timetable. The diploma cost is part of the graduation fee. A request for a duplicate copy of the diploma will be processed for a \$5.00 fee, if an exact replica can be obtained from the diploma vendor.

**ATTENDANCE AT GRADUATION:** Formal commencement exercises are held at the close of the fall and the spring terms. Students choosing to participate must attend the ceremony at the end of the Fall and Spring Terms in which their degree is granted and must wear a cap and gown at the ceremony. Students completing their degree during a summer term may participate in the preceding spring or the following fall term commencement and must choose the ceremony when applying for graduation.

**GRADUATION HONORS:** Graduating seniors who have demonstrated scholastic achievement as defined below by the cumulative UW-W GPA only (excluding transfer grades) may receive one of the following three categories of graduation honors:

|                 |                |
|-----------------|----------------|
| Summa Cum Laude | 3.85 and above |
| Magna Cum Laude | 3.60 to 3.84   |
| Cum Laude       | 3.40 to 3.59   |

For honors to be acknowledged in the commencement program, students must attain the minimum required UW-W cumulative grade point average before entering their final term and have earned 48 credits (counting the final term of enrollment) at UW-

Whitewater. Honors maintained and/or earned through the final grading period will be noted on the academic record and on the diploma. It is the student's responsibility to ensure that the 48-credit minimum and the GPA requirements are satisfied.

Students may earn graduation honors in a second degree if one of the following two requirements is satisfied:

1. Completing of a minimum of 48 credits at UW-W with a UW-W cumulative grade point average that meets the requirements as defined for graduation honors above; or
2. Earning a second degree by completing less than 48 credits at UW-W, but having earned the first degree at UW-W; students may qualify for graduation honors if both the grade point average of the second degree itself and the grade point average of the first and second UW-W degrees combined meet the graduation honors requirement.

**COMPLETION OF PROFICIENCY REQUIREMENTS:** Students should complete the University Proficiency requirements prior to the completion of 60 credits toward graduation.

Students who transfer to UW-Whitewater with 60 or more credits toward graduation should complete any remaining University Proficiency requirements within their first semester.

**PERMANENT ACADEMIC RECORD:** Permanent academic records will be maintained in the Records department of the Registrar's Office. Students share in the responsibility for the accuracy of their record. They should carefully review each Academic Progress Report and their term grades. The Registrar's Office should be contacted immediately if there are any errors. No changes will be made to course entries that are not appealed within two years of the posting date, and changes will not be made to a record after the degree is officially entered.

**TRANSCRIPT REQUESTS AND CHARGES:** There is no charge for unofficial transcripts used on campus for academic advising or for personal use. However, there is a \$3.00 charge for each official transcript bearing the Registrar's signature and date. Only official transcripts are mailed. Payment must be received in full before official transcripts will be released. This fee is subject to change by the University without notice.

If there are no outstanding University obligations, students may request transcripts of their permanent record by presenting proper identification and signing a request form,



or by submitting a written request through the mail. Telephone requests are not accepted. Next day service is provided, whenever possible.

**OFF-CAMPUS COURSES:** Off-campus course credit granted by UW-Whitewater is fully accredited work. Off-campus and correspondence courses offered by the University of Wisconsin System will be accepted by UW-Whitewater provided that a grade of D or better was earned in these courses. Whitewater does not offer correspondence courses. No more than 30 credits earned through correspondence or extension work in institutions other than the UW-System will be accepted toward graduation for an undergraduate degree.

## **COURSE ENROLLMENT OPTIONS**

**THE UNIVERSITY HONORS PROGRAM:** The University Honors Program is based on the conviction that students should be given the opportunity to develop their intellectual abilities to the fullest extent possible. Those who come to the university with special academic talents and/or extensive backgrounds in specific disciplines are, through the University Honors Program, provided with instructional options designed to challenge their abilities and allow them to more fully realize their intellectual potential.

Through enrollment in honors courses and entry into individualized honors work, students are able to explore subject matter areas in greater depth than would otherwise be possible. For those who come to the university seeking the maximum return for their educational investment, the University Honors Program offers an excellent means of matching interests and skills with university expertise. The end results can be both personally and professionally rewarding. Students active in the Honors Program are afforded an opportunity to participate in Study Abroad programs, undergraduate research and a variety of social and cultural activities which will augment their formal educational experience. Field trips, participation in the Wisconsin State Honors Council, Upper Midwest Honors Council and National Collegiate Honors Council and social interaction with other talented and motivated students combine to provide the University Honors Program participant with opportunities for enriching experiences beyond the laboratory or classroom setting. Entering freshmen eligible for the Honors courses and continuing students in good standing in the program are extended registration preference in recognition of their exceptional academic achievement.

In addition to the enhanced educational opportunities presented by the University Honors Program, students who successfully meet all specified requirements are

privileged to graduate with a University Honors designation. This achievement is both personally gratifying and of importance as students seek professional employment or admission to graduate schools.

**Components:** University Honors Program students must maintain a cumulative grade point average of 3.40 or better and complete honors courses and honors option work according to the following distribution:

| <u>Classification</u> | <u>Minimum Honors Credits</u>         |
|-----------------------|---------------------------------------|
| Freshman              | Six credits at 100 level or greater   |
| Sophomore             | Three credits at 100 level or greater |
|                       | Three credits at 200 level or greater |
| Junior                | Three credits at 200 level or greater |
|                       | Three credits at 300 level or greater |
| Senior                | Three credits at 300 level or greater |

Full-time students should not go two consecutive Fall or Spring Terms without completing an honors course or an H-option contract. Part-time students in the University Honors Program will have their progress monitored by the University Honors Program Office.

To graduate from the University Honors Program, students must complete a minimum of twenty-one (21) honors credits. All University Honors Program requirements and regulations must be met and adhered to throughout the time of enrollment.

**Eligibility Requirements:** Entering freshman students are eligible to become members of the University Honors Program if they have:

1. graduated in the top ten percent of their high school class AND attained a composite ACT/SAT score which ranks in the top twenty-five percent nationally; OR
2. attained a composite ACT/SAT score which ranks in the top ten percent nationally AND graduated in the top twenty-five percent of their high school class.

Application forms are required for admission to the University Honors Program. Information and appropriate forms may be obtained from the University Honors Office.

## **ADD/DROP**

**POLICIES AND PROCEDURES:** Students who participate in priority registration may make schedule changes by the Touch- Tone Telephone System (262-472-1000) or the STAR System through the deadline date. The last day to add a 17-week course is the fifth day of classes. The last day to add a short course (or 8-week course) is the second class period. Students must have written approval of the dean of the course to add a class after the last day to add a class has passed. Students may drop courses through the sixth week of the Fall/Spring Term. Short-term courses may be dropped through Friday of the week in which 33% of the course is completed. Drops must be done through the Touch-Tone Telephone or the STAR Systems. Note the fee reduction schedule for dropped courses in the Timetable, because there may be a charge for any course dropped after the first week of classes. Also refer to the Standards of Academic Progress in the Timetable. A review of the course drop policy is as follows:

1. A "W" grade will appear on student academic records (transcripts) for all courses dropped after the tenth day of instruction. This "W" grade notation will also appear on the records of students who withdraw from the University after the tenth day. **THEREFORE A COMMITMENT MUST BE MADE TO THE COURSE BY THE TENTH DAY, OR IT SHOULD BE DROPPED TO AVOID THE "W" GRADE.** The fifth day of classes will be the deadline for short-term courses and for Summer Term courses.
2. An administrative drop procedure policy requires all departments to drop a student from a course if both of the following conditions have been satisfied:
  - a. The student has not attended the first session of a course that meets once each week or if the student has attended neither of the first two sessions of a course that meets more frequently than once a week.
  - b. The student has not provided written notice to the academic department in which the course is located that the student will not attend the required initial class session(s).

Students who add courses after the term has started are expected to attend the classes and will not be covered by this administrative drop policy. This policy does not negate

the responsibility of students for their schedule of classes. To avoid an "F" grade, students must immediately drop any courses not attended.

**PROGRESSION STANDARDS:** Check these policies before dropping a course. A reduction in credit load can affect students in a variety of ways, depending upon the situation.

A student enrolled in six or more credits at the end of the tenth day of classes for any Fall/Spring Term must complete 50% of the credits on record with a passing grade (excluding withdrawal). If a student fails to make this progress, the student will be placed on Progression Warning. Failure to meet the Progression Standards a second time will result in suspension. If suspended under this policy, the student may appeal for reinstatement to the Academic Standards Committee by contacting the Academic Standards Office.

**FINANCIAL AID PROGRESSION:** Whenever students may decide to apply for federal aid, their entire academic performance will be evaluated by Progression Standards. Students not meeting the standards for academic progress will be ineligible to receive federal financial aid. Full-time undergraduate students may receive federal financial aid only through a maximum of their first twelve (12) Fall/Spring Terms. Half-time students are eligible through a maximum of their first twenty-four (24) Fall/Spring Terms. Full-time students receiving aid must successfully complete a minimum number of credits in proportion to their years of attendance. Part-time students must complete one-half the requirements. For complete details of these implementation guidelines, reference the Registration Guide and Timetable.

## **COURSE REPEAT POLICY**

**GENERAL:** Courses may not be taken for credit more than once unless they are identified in the Catalog as courses that may be repeated for credit. If they are repeatable, the limitations of the number of times or maximum number of credits that may be applied to the major/minor, degree or graduation credits will be indicated. This policy applies to both courses taken in residence at UW-Whitewater and courses accepted in transfer from another institution.

**GRADE POINT AVERAGE ADJUSTMENT:** At the undergraduate level, any courses in which a grade of D or F was previously earned may be repeated once for grade adjustment. Only the grade of the second attempt will be used in the calculation of the cumulative grade point average (GPA). Both the first and the second attempt will appear on the permanent academic record. If an F grade is earned in the second

attempt, all subsequent attempts will be averaged with the F grade. This repeat policy to nullify the effect of the first D or F can be used only once for each course, and courses initially attempted at UW-W must be repeated at UW-W; they cannot be taken at another institution to affect the UW-W GPA. However, students may repeat a D or F grade earned at a transfer institution if the course has an exact UW-W equivalency, and the course was attempted only once prior to transfer to UW-Whitewater. All other repeat regulations apply.

If first attempts are for conventional grades (D or F received), the repeats must also be for conventional grades. Repeats of NC grades must be taken for conventional grades. Second attempts count under the repeat policy, and if courses must be repeated again, subsequent attempts will be averaged with the grade from the second attempt.

Students are limited to a total of 3 repeats for grade point average adjustment during their undergraduate work (including repeats of transfer courses, but excluding courses repeated at the transfer institution). To allow for extenuating circumstances, students may be granted up to 2 additional repeats for grade replacement by appeal to the Dean of their major. This repeat regulation applies to any courses (except developmental studies English and Math courses) for which a student receives a grade beginning with the Fall Term 2000 and any term thereafter including Summer and Winterim.

Students will not be permitted to repeat a course if it is a prerequisite or corequisite of the course(s) already successfully completed within the same department.

Athletes should check with their coaches before repeating courses in which grades of "D" are earned. It may have an affect on their athletic eligibility. Students receiving veterans' benefits may not count in benefit level determination the repeat credits for courses in which "D"(s) were previously earned.

**REPEAT FOR NO CREDIT:** A course in which a C grade (or D grade if it was earned in the second attempt for GPA adjustment) or above was earned may be repeated if there are extenuating circumstances, but the new grade and credits will not affect either the semester or the cumulative GPA. Both attempts will be reflected on the permanent academic record with the second identified as "no credit". Students considering this option should confer with the department offering the course and inform the Records Department in the Registrar's Office of their decision at the time of registration, or the course may be dropped.

**SATISFACTORY/NO CREDIT:** Special permission is not needed to enroll for a course on a satisfactory/no credit basis. The S/NC option may be selected by using the Touch-Tone Telephone or STAR systems during the add/drop period, provided the limitations listed below are followed:

1. The S/NC option will be limited to a maximum of fifteen (15) credits in an undergraduate degree program. Developmental courses (040 or 090) that do not count toward the minimum credits necessary for graduation, and credit courses offered only on an S/NC basis, are not included in the fifteen-credit limitation.
2. Courses that are to fulfill a student's major/minor requirements, the lower/upper BBA degree requirements, any College of Business and Economics course attempted by a BBA student, and the General Education core courses may not be taken on an S/NC basis unless the course is offered only on an S/NC basis by the department. Proficiency, General Education options, unique major/minor, and elective courses may be taken on an S/NC basis.
3. The S/NC option is available to any student without regard to grade point average or class standing. The decision to take a course for S/NC must be recorded via the Touch-Tone Telephone or STAR Systems by the tenth day of class for 17-week courses and by the end of the second class day for short courses. The decision for S/NC basis for off-campus courses must be made prior to the third class period. If a grade of S/NC is indicated by this date, it will not be changed to a conventional grade or vice versa.
4. Satisfactory (S) is the equivalent of a grade of C or better. The S will be recorded on the permanent record, but it will not be computed in the grade point average. Course work that does not merit a C or better will be graded NC. The NC grade will appear on the permanent record, but the course credits will not be counted in credits to degree or the grade in the grade point average. If a course in which an NC grade was earned is repeated, it must be attempted on a conventional grade basis.
5. The S/NC option cannot be used to repeat a course taken for a conventional (ABCDF) grade under the Repeat Policy. Veterans should refer to the VA Educational Assistance section for information related to this grading option.

**AUDIT POLICY:** For purposes of audit, there are two categories of students per UW-System policy: 1) students who are taking courses on an audit-only basis, with no courses for credit; 2) students who are taking a combination of courses for credit and courses for audit.

**Audit-Only Enrollees:** Students who are auditing courses only may do so under the following stipulations:

1. Wisconsin residents will pay 30% of the normal per credit resident academic fee and non-residents will pay 50% of the normal non-resident fee per the fee chart. No audit fees will be assessed disabled Wisconsin residents who are receiving federal old age survivors and disability insurance benefits (OASDI) under 42 USC 401 to 433.
2. Students will register on a space available basis with departmental permission in the week immediately prior to the start of classes. Remedial English (680-090) and mathematics (760-040 and 760-041) may not be taken as audit only.

Note: Auditing of Art Department courses may be restricted. See department for restrictions.

Business Outreach off campus courses are not available for audit due to the special nature of their funding.

Courses in the College of Business & Economics may not be taken on an audit basis.

3. Any special course fees other than the normal tuition charges will be assessed and paid by the student.
4. Students registering under this option can not change their courses to a credit grade basis during the term of enrollment.
5. An audit (X) symbol will be recorded on the academic record provided the instructor reports satisfactory attendance.
6. A fee of approximately \$2.50 per credit will be assessed for required texts.
7. Access to University services will be limited to the library and to non-segregated fee funded activities of the University Center. A special identification card will be issued for auditors which will permit this limited access.
8. Regent, University, and Student Government regulations applying to other students will apply equally to audit-only enrollees.

**Audit and Credit Combination Enrollees:** Students who are taking a combination of courses for regular credit and for audit will pay the regular fees for all credits based upon the fee chart. The following stipulations will also apply:

- a. The decision to audit must be finalized and recorded through the Touch-Tone Telephone or STAR systems by the tenth day of classes for 16 or 17-week courses and by the end of the second class day for shorter courses.
- b. No credit will be granted for the course, but an audit (X) symbol will appear on the academic record, provided the instructor reports satisfactory attendance.

- c. The audit course may be repeated for credit in another term.
- d. Audits do not count as credits for either veteran benefit certification or financial aid consideration.

**WITHDRAWAL FROM THE UNIVERSITY:** Students who find it necessary to leave the University while the term for which they are registered is still in session should report to the Registrar's office and initiate a withdrawal form. The following conditions apply:

- a. If the withdrawal is initiated within the first ten class days of the Fall/Spring Term, there will be no academic penalty.
- b. If the withdrawal is after the tenth day of classes in a Fall/Spring Term or fifth day in summer session, "W" grades will be recorded for each of the courses in which the student is enrolled at the time of withdrawal.
- c. If withdrawal is after the tenth day of classes, but the student was enrolled for six or more credits on the tenth day, a whole or a partial Fall/Spring Term of eligibility will have been lost for financial aid.
- d. The last day to withdraw from the University is 15 days prior to the end of the Fall/Spring Term (exam days included) and as published in Calendar announcements for all other terms.
- e. Withdrawals processed after the last day to withdraw will result in the student receiving grades of "F" in those courses which are not being passed at the time of withdrawal, and the student may be suspended for not meeting the minimum grade point requirement.
- f. Withdrawal does not affect the academic progression warning policy, but it may affect financial aid eligibility.

Failure to officially withdraw when leaving the University will result in students receiving failing grades in those courses for which they were enrolled. This may cause a problem in an attempt to return to the University or transfer to another institution. If students must withdraw for medical reasons, they may petition to have a portion of their academic charges reduced. The appeal process is initiated in the Office of Assistant Chancellor for Student Affairs.

**WAIVING OR SUBSTITUTING FOR A REQUIRED COURSE:** The chairperson of the major or minor department may waive a required course within the major/minor if mastery of the course content can be demonstrated. However, other coursework must be completed to meet the minimum credit requirement for the major/minor.



A required course from a department other than the major or minor can be waived or substituted by: 1) the dean of the college of the degree if it is in the college or degree requirements; 2) the Assistant Dean for Letters and Sciences if the requirement is in general education or diversity; or 3) the college dean of the course in the proficiency area. In selected cases, departments may waive a course in their own department based upon high school background or departmental exam.

Students may not take for credit any course for which they have received a waiver, nor may they take for credit any course in the same department that is a prerequisite for a course that has been waived (e.g., if a student has been waived from Math 143, he may not take Math 141 for credit).

## **ACADEMIC RETENTION STANDARDS, PROBATION, SUSPENSION, AND FORGIVENESS POLICIES**

**RETENTION STANDARDS:** To remain in good academic standing in the University, students must have an overall cumulative grade point average of 2.0 or above. Some colleges and/or departments require above a 2.0 combined UW-W and transfer grade point average in order to remain in good academic standing in their programs.

In addition, if students are enrolled in six or more credits at the end of the tenth day of classes for Fall/Spring Terms, they must complete (with a passing grade - D or better) 50% of the credits on record. Failing to make this progress, they will be placed on progression warning and/or suspended.

Students will be ineligible to continue at this University if their Fall/Spring Term grade point average falls below 1.0 for any Fall/Spring Term.

**PROBATION AND PROGRESSION WARNING:** Students will be placed on academic probation if their academic record does not meet the minimum retention standards set by UW-Whitewater. Notice of probationary status indicates that academic grade improvement is necessary to attain the minimum overall grade point average of 2.0 required. Failure to complete 50% of the credits on record during a Fall/Spring Term will result in receiving a progression warning. Students will be suspended if they do not meet the standards of progress in any subsequent Fall/Spring Term. Withdrawal from the University will not cause a progression warning in the term of withdrawal.

If placed on probation, students will be limited to 15 credits a Fall/Spring Term, they will not be allowed more than two consecutive Fall/Spring Terms to remove themselves from probation, and they must earn at least a 2.00 GPA in the next Fall/Spring Term of attendance or be academically dismissed. Students will be removed from probation at the end of any Fall/Spring Term in which an overall grade point average of 2.0 or better is attained.

**SUSPENSION:** If students have been on academic probation for two consecutive Fall/Spring Terms without meeting the required 2.0 cumulative grade point average or suspended under the progression policy, they may not continue in attendance. Students will be ineligible to continue at this University if their term grade point average falls below 1.0 in any term, or if they do not earn a 2.00 term GPA in the term after they have been placed on probation, or if they do not earn a 2.0 cumulative GPA after being reinstated.

If academically ineligible to continue at this University, students may submit a written appeal for readmission to the Academic Standards Committee.

If suspended, readmitted, and again fail to earn the required 2.0 cumulative grade point average, students will be eligible for reinstatement only after a successful appeal to the Academic Standards Committee. However, they may attend Summer School to improve their GPA and to enhance their chances of being reinstated.

Information regarding how to file a written appeal is available in the Academic Standards Office, McCutchan Hall.

**UNDERGRADUATE ACADEMIC FORGIVENESS POLICY:** With an absence from formalized higher education for a minimum of five consecutive years prior to readmission to UW-W, students may make a written appeal to invoke the Academic Forgiveness Policy.

This appeal to the Admissions and Academic Standards Committee must give reasons for the previous poor UW-W performance, information about current educational plans and justification for the appeal. The Committee will assess the student's record and appeal to determine the approach most educationally appropriate. The Committee will determine whether academic forgiveness is a better approach than use of the repeat policy. Factors such as time elapsed, changes in courses, course availability, course requirements, and educational objectives can be used to determine Committee action.

The Committee may require the student to complete certain specific conditions such as completion of a specified number of credits or term(s) of enrollment in work

academically acceptable to the Committee before authorizing the implementation of the policy. The most current Catalog will be used to evaluate the prior course work and its applicability to the degree requirements. All other University regulations will apply.

When notified in writing by the Committee, the Registrar will mark the permanent academic record with an "Academic Forgiveness" notation and begin the computation of a new grade point average for all subsequent course work. None of the previous UW-W record will be used in the new calculation.

## **LEGAL ISSUES**

This section of the Catalog is prepared to highlight certain pertinent rules, rights and responsibilities of which students should be aware. By no means all inclusive, it is meant only to group together certain key items which will be of special assistance. Students are urged to study and use the rest of this Catalog to become knowledgeable about those matters of importance to them, their program of study, and their graduation requirements.

## **LEGAL SERVICES**

Student Government provides a Legal Services Program free of charge to UW-Whitewater students. An attorney, hired by Student Government, is available approximately 10 hours per week.

## **STUDENT DISCIPLINARY PROCEDURES**

The complete copies of the University of Wisconsin-Whitewater Student Non-academic Disciplinary Procedures (Administrative Code UWS Chapter 14) are available on the UW-Whitewater WEB page at <http://www.uww.wdu/stdhdbk/uwsystem.html>.

For information, regarding these procedures, contact the Office of Student Life at 262-472-1533. the student's rights and options.

## **STUDENT RIGHTS AND RESPONSIBILITIES**

The following information briefly describes student rights and responsibilities. Additional information may be found in the Student Handbook.

**STUDENT RESPONSIBILITY** Students are held responsible for monitoring an accurate record of their own progress toward graduation. No changes will be made to course entries on the academic record that are not appealed within two years of the posting date and changes will not be made to a record after the degree is officially entered.

## **ACADEMIC MISCONDUCT**

The University believes that academic honesty and integrity are fundamental to the mission of higher education and of the University of Wisconsin System. The University has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Students who violate these standards are subject to disciplinary action. UWS Chapter 14 identifies procedures to be followed when a student is accused of academic misconduct. For additional information, please refer to the section in the Student Handbook titled, Student Academic Disciplinary Procedures.

## **ABSENCE FOR UNIVERSITY SPONSORED EVENTS**

University policy adopted by Faculty Senate and the Whitewater Student Government states that students will not be academically penalized for missing class in order to participate in university sanctioned events. They will be provided an opportunity to make up any work that is missed; and if class attendance is a requirement, missing a class in order to participate in a university sanctioned event will not be counted as an absence. A university sanctioned event is defined to be any intercollegiate athletic contest or other such event as determined by the Provost. Activity sponsors are responsible for obtaining the Provost's prior approval of an event as being university sanctioned and for providing an official list of participants. Students are responsible for notifying their instructors in advance of their participation in such events.

**STUDENT RIGHTS STUDENT RECORDS:** All student records held by the University of Wisconsin-Whitewater, regardless of origin, are the property of the University and may be used by the University in any manner legally appropriate. Student records will be treated in a responsible manner and with due regard to the personal nature of the information they contain. However, the student should understand that student records may be disclosed to others who have a legal right to such access when, in the judgment of the University, such disclosure serves the best interests of the student, the University, and the community.

The University of Wisconsin-Whitewater reserves the right not to release a student's record, or any information based upon the record, when the student has failed to discharge any obligation, financial or otherwise, to the University.

## **NAME CHANGES**

If students change their first or last name and wish to have this change reflected on their academic record, they would need to complete a "Change of Name Declaration Card." Students can get these forms from the Registrar's Office. Any name change requires at least one legal form of documentation, i.e., a certified copy of a court order, a marriage license, a dissolution decree, a drivers' license, or a state issued I.D.

## **GRIEVANCE PROCEDURE**

### **I. DEFINITIONS AND BASIC PRINCIPLES:**

- A. A grievance is a request for specific action to solve a problem or redress an injury done the individual presenting it. When that individual is a student and is responding to treatment received as a student, it is a student grievance. However, if a student wishes to challenge an academic decision that impacts on their grade, the Student Grade Appeal procedures should be used.
  1. A grievance may concern the actions taken by any UW-Whitewater employee who is a member of any college, department, office, administrative unit or committee of the University.
  2. A grievance may not necessarily be directed at a particular individual but rather at a policy or rule which the student believes to be unfair.
- B. The basis for a grievance is to raise a problem for the purpose of resolving it by the parties closest to it. This is true whether the issues involve an instructor, administrator, service personnel or members of any University department, college, division, administrative unit or committee.
- C. A cause of action would involve a specific injury to the student or a specific problem. A remedy should be available. If no remedy is available or if punishment of someone is sought, the procedures for complaints rather than grievances should be used (see University Handbook, Sections VI-F and VI-A).
- D. Process timelines are established to enable review and resolution within a reasonable time after the problem occurred. This assists problem solving when memories and facts are still fresh.

- E. Written appeals and responses need not be lengthy but rather describe events, relevant facts and reasoning, so that parties are clear about what is at issue and why decisions are being made the way they are.

## II. STEPS IN A GRIEVANCE:

### A. Informal Process:

1. Discuss the issue of concern with the individual(s) primarily involved. This should take place within 14 calendar days after the aggrieved action occurred.
2. If this discussion brings no resolution, is unsatisfactory, or if the primary individual is unwilling or unable to participate, the student may then, within 7 calendar days of the discussion or the communication that there will be no discussion, schedule a conference with the chairperson of the department or the supervisor of the individual. The student should articulate the concerns and the result of, or lack of, discussion with the primary individual.
3. After hearing the student's appeal, the chairperson or supervisor will attempt to mediate the problem to resolution within 14 calendar days.
4. If this attempt at resolution is unsatisfactory, or if all are not willing or able to participate, the student should submit a formal grievance to the Dean or Director within 7 calendar days of the failure of informal resolution.

### B. Formal Process:

1. The grievance should be in writing and signed by the student following the Basic Principles above, should explain the problem, reasons for dissatisfaction of recommended resolution, and an alternative resolution.
2. Within 14 calendar days, the Dean or Director can attempt further resolution or make the final decision. The student and employees should be notified of the final decision in writing.
3. The decision of the Dean or Director will be final unless discipline is requested, in which event appropriate disciplinary procedures would be followed.

## **SYNOPSIS OF THE STEP-BY-STEP PROCESS FOR STUDENT GRIEVANCES:**

1. Problem occurs.
2. Within 14 calendar days, discuss it with the person whose actions are in question (informal).

3. If no satisfaction, within 7 calendar days, talk it over with the Chair or supervisor of the person (informal).
4. Chair/supervisor will attempt to resolve within 14 calendar days (informal).
5. If no satisfaction, student has 7 calendar days to write it up as a formal grievance, including why dissatisfied with recommended resolution and propose a remedy (formal).
6. Within 14 calendar days, the Dean or Director will attempt resolution or make the final decision (formal).

**GRADE APPEALS:** At the University of Wisconsin-Whitewater it is expected that instructors will evaluate students regularly and consistently by criteria and guidelines presented to students at the beginning of each grading period. If a student has reason to believe the grade is incorrect the student may act on that by taking the following steps in chronological order. A complaint which is timely filed under any other student complaint procedure and then referred for processing under these procedures, shall be considered to have met the deadline for filing as a grade appeal.

1. Informal Process

- a. Consult the instructor whose grade is being appealed. This consultation must take place within 7 calendar days of start of classes after the grading period in question.
- b. If the student/instructor conference is unsatisfactory or if the instructor is unwilling or unable to participate, within 7 calendar days the student may schedule a conference with the chair of the department in which the course was offered.
- c. After hearing the student's appeal, the chair will attempt to resolve the problem within 7 calendar days.
- d. If this resolution is unsatisfactory, the student may then, within 7 calendar days after receiving the chairperson's response, submit a written appeal to the Department's Grade Appeals Committee through the chairperson. This will initiate the Formal Appeal Process.

2. Formal Process

- a. The appeal must be in writing and signed by the student.
- b. The Department Grade Appeals Committee will
  - i. convene to examine the appeal, the response and render its conclusion in writing to the chair, student and instructor, within 14 calendar days of receipt of the appeal.
  - ii. While the Grade Appeals Committee cannot require the instructor to change a student's grade, the Committee can recommend such a

change to the instructor and to the Dean of the College in which the course is offered.

- c. Should the student wish to appeal beyond the department, the student may submit the Committee findings and the basis for the further appeal to the Dean of the College in which the course was offered, within 3 calendar days of presentation of Committee findings. The Dean will review the student's appeal and the findings of the Committee, and recommend appropriate action to the department and the instructor within 14 days of receipt of the appeal.
- d. If this action is unsatisfactory to the student, a final appeal may be made to the Provost who will determine whether a change in grade is to be made within 14 days of receipt of the appeal. The Provost is the only individual authorized to change a student grade without the instructor's permission. However, the Provost may change a grade only when the faculty department committee and the Dean support such a change.

## **INSTITUTIONAL POLICY ON THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT**

The 1974 Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. A student is defined as an individual who is (or has been) in attendance and for whom the university maintains education records. All rights under FERPA apply to the student. Education records are defined as all records maintained by the University about a student. There are six exceptions:

- Personal notes of UW-Whitewater staff and faculty.
- Employment records.
- Medical and counseling records used solely for treatment.
- Financial records of parents.
- Confidential letters and statements of recommendations placed in a student's records prior to January 1, 1975.
- Confidential letters and statements of recommendations for admission, employment, or honorary recognition placed in records after January 1, 1975, for which the right to inspect and review has been waived.

The law provides to the student the following rights:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. Students should submit



to the Office of the Assistant Chancellor for Student Affairs a written request that identifies the record(s) they wish to inspect. The Assistant Chancellor will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Office of the Assistant Chancellor for Student Affairs, the office shall advise the student of the University official(s) to whom the request should be addressed.

2. The right to request an amendment of the student's education records that the student believes are inaccurate or misleading. Students may ask the University official to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of the right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. School officials have a legitimate educational interest if the officials need to review an education record in order to fulfill their professional responsibility. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel or health staff); a person or company with whom the University has contracted (such as an attorney, auditor, collection agent or the National Student Loan Clearinghouse); a person serving on the Board of Regents; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting other school officials in performing their tasks.

Under the act, prior written consent must be obtained before information may be disclosed to third parties unless they are exempted from this provision.

These exceptions include:

- Requests in accordance with a lawful subpoena or court order.
- Requests from representatives of agencies or organizations from which the student has received financial aid.
- Requests from officials of other educational institutions in which you intend to enroll.

- Requests from other persons specifically exempted from the prior consent requirement of the act (certain federal and state officials, organizations conducting studies on behalf of the university, accrediting organizations).
- Requests for "directory information" (please refer to the following statement for an explanation).

The University of Wisconsin-Whitewater designates the following student information as public or "Directory Information". This information, which may be disclosed by the institution for any purpose at its discretion, includes:

Name, home/local addresses and telephone numbers, dates or attendance (including credits carried), classification, major/degree program, degrees conferred (including dates), previous institution(s) attended, awards, academic honors, past and present participation in officially recognized sports and activities, and physical factors (height and weight of athletes).

Students may withhold disclosure of information under the Family Educational Rights and Privacy Act of 1974. To withhold disclosure, written notification must be received in the Office of the Registrar two days prior to the first day of classes at the University of Wisconsin-Whitewater. Forms requesting the withholding of information are available in the Registrar's Office, and the request is effective for the academic year.

The University of Wisconsin-Whitewater assumes that failure on the part of any student to specifically request the withholding of categories of information indicates individual approval of disclosure.

Student records and files are available for review by the student in accordance with the Act. Students may request a hearing regarding any alleged inaccurate, misleading, or inappropriate information contained in their records. Also, a portion of the student ID number may be used to post final grades. Students may withhold Directory information from third parties by notifying the Registrar in writing prior to the first day of classes for the fall semester and the request must be filed annually. A request for non-disclosure received after the fall semester begins will be honored by the University for the remainder of the academic year.

4. FERPA allows the release of education records without the consent of the student or his or her parents to authorized representatives of the attorney general for law enforcement purposes.

5. FERPA permits disclosure to an alleged victim of either a crime of violence or a nonforcible sex offense of the final results of any disciplinary action taken against an alleged perpetrator.
6. UW-Whitewater has the discretion to disclose the final results of any disciplinary proceeding undertaken against a student who is an alleged perpetrator of a crime of violence or a nonforcible sex offense if, as a result of that disciplinary proceeding, The University has determined that the student in fact committed the crime or offense. However, the definition of "final results" is limited solely to the name of the student, the violation committed, and any sanction imposed by The University on that student. Only where a victim or witness has provided written consent may the University disclose the name of that student.
7. UW-Whitewater may disclose to a student's parent or legal guardian information regarding any drug or alcohol violation (whether pursuant to federal, state, or local law or institutional policy) where the student is under 21 and the University has determined that the student has committed a disciplinary violation.
8. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University of Wisconsin-Whitewater to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW., Washington, DC, 20202-4605.

Revisions and clarifications to FERPA will be published as experience with the law and the university's policies warrant.

## **ACCOMMODATION OF RELIGIOUS BELIEFS**

It is the policy of the Board of Regents that students' sincerely held religious beliefs shall be reasonably accommodated with respect to scheduling all examinations and other academic requirements.

1. Students shall be permitted to make up an examination or other academic requirement at another time or by an alternative method, without any prejudicial effect, where:
  - a. There is a scheduling conflict between the students' sincerely held religious beliefs and taking the examination or meeting the academic requirements; and,

- b. The students have notified the instructor, within the first three weeks of the beginning of classes (within the first week of summer session and short courses), of the specific days or dates on which they will request relief from an examination or academic requirement. 2. Instructors may schedule a make-up examination or other academic requirement before or after the regularly scheduled examination or other academic requirement.
2. Instructors shall accept, at face value, the sincerity of students' religious beliefs.
3. Student notification of instructors and requests for relief shall be kept confidential.
4. Complaints of failure to provide reasonable accommodation of students' sincerely held religious beliefs as required by this rule may be filed under institutional complaint and grievance procedures adopted pursuant to Chapters UWS 6 and 13.

For additional information or to file a grievance regarding a failure to provide reasonable accommodation, please contact the Office of the Diversity and Equal Opportunity Compliance Office (Hyer Hall, Room 330, Phone 262-472-4672).

### **NON-DISCRIMINATION STATUTES RELATIVE TO UNIVERSITY OF WISCONSIN-WHITewater STUDENTS**

The Civil Rights Act of 1964, Title IX of the Education Amendments of 1972 and Wisconsin Statute 36.12 provide collectively, and in part, that

No student may be denied admission to participation in, or the benefits of, or be discriminated against in any service, program, course or facility of the (UW) system or its institutions or centers because of the student's race, color, creed, religion, sex, national origin, disability, ancestry, age, sexual orientation, pregnancy, marital or parental status.

The Title IX Coordinator for UW-Whitewater is the Executive Director for Equal Opportunity (phone 262-472-4672). Title IX specifically prohibits sex discrimination in educational institutions.

#### **I. CRITERIA FOR DETERMINING WHETHER THE PROHIBITION ON DISCRIMINATION HAS BEEN VIOLATED.**

In determining whether discrimination in violation of Wisconsin Statutes 36.12 or Title IX, has occurred, the University of Wisconsin-Whitewater through its Office for Equal Opportunity (OEO), shall apply state and federal statutes, regulations, and case law relevant to the basis of discrimination being alleged, including but not limited to such legal materials and precedents as Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, American Disabilities Act, Wis. Stats. 101.223, Wis. Stats. 36.11(3)(a), the United States Constitution, the Wisconsin Constitution, and related regulations and case law. In any case where there is a question as to whether the action or conduct in question violates Wis. Stats. 36.12 or Title IX, the OEO shall consult with institutional legal counsel.

## II. DEADLINE FOR FILING COMPLAINTS.

1. Complaints alleging a violation of Wis. Stat. 36.12 or Title IX, must be brought forward to the Office for Equal Opportunity within 300 calendar days of the alleged violation.
2. If a complaint is made informally and orally only, the appropriate response would be oral by way of discussion, guidance, mediation or other informal action. If a formal investigation is warranted or desired, the complaint shall be in writing.

## III. PROCEDURES AND REMEDIES FOR VIOLATIONS.

1. The Office for Equal Opportunity (OEO) will be responsible for:
  - a. Reviewing each complaint.
  - b. Providing procedural advice and counsel to the complainant, including referring the complainant to another process, if appropriate (as for example, if the issues in question are more properly handled as a grade appeal or a general grievance).
  - c. Conducting the initial investigation of complaints, including receiving written response(s) by the person(s) complained against.
2. Where the Office for Equal Opportunity refers a complainant to another relevant complaint or grievance procedure, further action on the matter will be taken in accordance with that other procedure.
3. Where the Office for Equal Opportunity retains jurisdiction and determines after investigation that no discrimination in violation of Wis. Stats. 36.12 or Title IX has occurred, the complaint will be dismissed by the OEO, and the complainant and any other interested parties will be so advised.
4. Where the Office for Equal Opportunity determines after investigation that discrimination in violation of Wis. Stats. 36.12 or Title IX has occurred, the OEO may:

- a. Attempt to resolve the matter through mediation among the involved parties; or
- b. Recommend remedial action to eliminate the discrimination to the appropriate administrators; or
- c. Refer the matter for appropriate review and consideration of possible action under established disciplinary procedures, where misconduct by faculty, staff or students appears to be involved.

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  - c. Conducting the initial investigation of complaints, including receiving written response(s) by the person(s) complained against.
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3. Where the Office for Equal Opportunity retains jurisdiction and determines after investigation that no discrimination in violation of Wis. Stats. 36.12 or Title IX has occurred, the complaint will be dismissed by the OEO, and the complainant and any other interested parties will be so advised.
4. Where the Office for Equal Opportunity determines after investigation that discrimination in violation of Wis. Stats. 36.12 or Title IX has occurred, the OEO may:
  - a. Attempt to resolve the matter through mediation among the involved parties; or
  - b. Recommend remedial action to eliminate the discrimination to the appropriate administrators; or
  - c. Refer the matter for appropriate review and consideration of possible action under established disciplinary procedures, where misconduct by faculty, staff or students appears to be involved.
5. The Office for Equal Opportunity will complete its investigation and make written findings of facts and recommendations within 30 working days of receipt of the written complaint.
6. If the matter is referred for consideration of possible disciplinary action under paragraph 4 © above, the time limit and procedures for such disciplinary matters shall apply.
7. If the OEO recommendations are accepted by the parties, that will be considered dispositive of the issues.
8. If either party believes there is reason to appeal the findings or recommendations, it must do so within 10 working days of receipt. The

appeal should be in writing, stating the basis and proposing alternatives to the recommendations and forwarded to the Assistant Chancellor for Student Affairs.

9. The Assistant Chancellor for Student Affairs will review the record and any other information deemed pertinent and may also recommend and/or attempt an alternative resolution. If no resolution is achieved, the Assistant Chancellor will forward a recommendation to the Chancellor within 20 working days of receipt of appeal.
10. The Chancellor will make the final decision within 20 working days. In all matters involving an alleged violation of Wis. Stat. 36.12 or Title IX, the Chancellor's decision shall be final, except that the Board of Regents may, consistent with the Bylaws of the Board of Regents of the University of Wisconsin System, conduct a review on the record.

## **NON-DISCRIMINATION ON THE BASIS OF DISABILITY**

Section 504 of the Rehabilitation Act of 1973 provides that "no qualified individual with a disability shall, on the basis of disability, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity which receives or benefits from Federal financial assistance."

The Americans with Disabilities Act (ADA) states "No qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of a public entity, or be subjected to discrimination by any public entity."

Applicants or students who believe that they may have been subjected to discrimination on the basis of disability in any campus program, activity or service should contact: Compliance Coordinator, Section 504 and ADA Regulations (non-employment), 337 Hyer Hall, 262-472-4672.

## **Other Legal Issues**

### **INCLEMENT WEATHER**

In the event of severe weather conditions, all on-campus operations of UW-Whitewater will be carried on unless power outages or other critical circumstances preclude the use of University buildings. Therefore, it should be assumed that scheduled activities will continue unless instructions from the Chancellor's Office direct to the contrary.



Individuals who must travel to or from campus should use their judgment as to whether or not such travel is wise. Should it be necessary to cancel a class due to the absence of a faculty member, it is the responsibility of that faculty member to notify the department chairperson and to schedule an appropriate make-up session. Class cancellations should not be telephoned directly to the Campus Radio Station or Channel 6 TV but must be transmitted by the departmental or college office. Students should contact the department of the course for information about the status of individual classes.

The operation of off-campus classes in a weather emergency will be governed by whether the facility in which they are held is open. If the facility is closed, the class will be cancelled. The Office of Continuing Education will notify the instructor of such a cancellation. Each class will use its system of students notifying each other of such a cancellation to avoid persons expecting the class to be held when it is not.

## **SAFETY AND HEALTH POLICY**

The University of Wisconsin System will provide and maintain adequate facilities for a safe and healthy learning environment. It is the University's responsibility to work with faculty and staff so that they are equipped to educate their students on practices and procedures that ensure safety for all members of the university. Employees with instructional responsibilities are expected to comply with state and federal safety laws and regulations in their institutional areas. Certain courses and research projects require that the student work with hazardous materials while engaging in academic studies. Instructors of these courses and research projects shall inform and train students on procedures that will maintain the students' personal health and safety and provide them with information on the hazards of specific chemicals that will be used during their course of study. Furthermore, instructors will enforce and follow safety policies. Prior to use of hazardous materials and equipment, the student shall review the procedures and information, and discuss any associated concerns with the instructor.

## **USE OF HUMAN SUBJECTS IN RESEARCH**

Federal law and University policy requires that all research projects involving human subjects be designed as much as possible to protect the rights of the subjects. This pertains to projects for classes on research methodology, independent studies, and thesis research. Prior to initiation of the work, each proposal involving human subjects and its provisions for their protection must be reviewed and approved by the Institutional Review Board for the Protection of Human Subjects (IRB). This includes surveys. Research which has not been reviewed and approved by the IRB will not be covered by UW-Whitewater liability insurance.

It is the policy of UW-Whitewater that all research shall be conducted under the supervision of a qualified faculty or staff member. Therefore, all students must submit a student protocol form and an IRB protocol review form signed by the faculty adviser.

All IRB forms and guidelines can be obtained from the Office of Research and Sponsored Programs, 2031 Roseman. Please contact this office at 262-472-5212 with questions and document requests.

## **CARE AND USE OF LABORATORY ANIMALS**

All students involved in the care or use of animals and all facilities used for such animals must operate within the guidelines of the GUIDE FOR CARE AND USE OF LABORATORY ANIMALS. Copies of the Guide and other pertinent materials may be obtained from the Office of Research and Sponsored Programs, 2031 Roseman, 262-472-5212.

## **TERMINOLOGY**

**Academic Progress Report (APR).** A document that matches an individual student's complete academic course history against the prescribed set of degree program requirements in effect at the time of entry into the major. The report indicates requirements completed as well as those to be completed.

**Adviser.** The adviser is a staff member in the major field of study assigned by the appropriate University department to assist its majors.

**Course.** A particular subject being studied. For example, a course in English.

**Course Reference Number (CREF Number).** A unique four digit sequential number assigned to each course/section listed in the timetable. It is the number used in the registration system to identify course adds, drops, and grade basis changes.

**Credit.** The numerical award received for completing a University course is described in semester hours of credit. Freshmen normally register for 14-16 semester hours of class credits. A total of 120 credits is required to graduate with a bachelor's degree; therefore, students planning to graduate in four years must average 15 credits each semester.

**Curriculum.** The total group of allied courses required for a specific degree.

**Developmental Studies.** Courses designed to help students improve basic skills in the areas of reading, writing, and study skills. Consult an adviser or the Developmental Studies Office for further information.

**Department.** An administrative unit of the University which offers instruction in a particular branch of knowledge, such as the Department of Music.

**Elective.** An elective is a course which students may choose to study, as distinguished from a required course which must be taken.

**Extracurricular.** Activities which are part of student life but are not part of the course of study are extracurricular activities. Athletics, participation in student government or other campus organizations are examples of this type of activity.

**Fee.** A charge the University requires for certain services it offers.

### [Grade Points.](#)

### [Grade Point Average \(GPA\).](#)

### [Honors.](#)

**I.D. Card.** The University provides students with a HawkCard (University ID Card). The HawkCard contains the name of the University, student name and photo, and a bar code and electronic encoding of the student ID number. The HawkCard will be used during the entire time students are enrolled at UW-Whitewater. It can be used for proof of enrollment, if required, which entitles a student to a number of special privileges and services. A fee is assessed for all replacement cards. For more information about the HawkCard policies and available services, visit the UW-Whitewater HawkCard web page.

**Load.** The total credits for which students are registered. The normal undergraduate load is from 14-18 credits. Students may take fewer than 15 credits if they wish; 12 credits is considered full-time. Permission to carry more than 18 credits must be obtained in advance of registration from the dean of the college of the major. Students on probation or admitted from high school with both an ACT score and class rank below the 50th percentile may not register for more than 15 credits.

**Major.** The subject or field of study of specialization. For example, students planning to specialize in mathematics will major in that field. Students choosing to specialize in two subjects will have a double major.

**Minor.** A field of secondary emphasis. The total number of credits required in the minor field is less than that required for the major.

**Personal Access Code (PAC).** A four-digit code needed in addition to the student ID number to access the Touch-Tone Telephone and the STAR systems. The PAC can be changed at any time on the Touch Tone or STAR systems.

**Prerequisite.** The preliminary requirement which must be met before certain courses can be taken. For example, in English, 680-101 is a prerequisite to all other courses in English and must be successfully completed before other English courses are taken.

**Registration.** The act of enrolling in classes, usually at the beginning of a semester. This involves choosing classes with the help of an adviser and submitting the course requests on the Touch-Tone Telephone or STAR Systems. Students may not attend a course/section without properly registering for it.

**Required Courses.** Courses which are prescribed by the University for the completion of a program.

**Remedial Courses.** Developmental courses in English and mathematics to prepare students for college level course work. Schedule. A listing of the courses being taken each semester.

**Section Number.** Used to distinguish one class from another. One course may be offered a number of times throughout the day or week. A student may be enrolled, for example, in Art History which has the course number 115-111 and section 13. The entire designation of this course is 115-111-13.

**Term Hour.** A term hour is generally a 50-minute period of instruction per week for a term. A three-term hour course would be one which meets for three 50-minute periods each week for a term. Laboratory or activity periods are counted differently in the total hours for a course.

**Timetable (or schedule of courses).** A table or schedule showing all the courses to be offered by the University during a specific term.

**Undergraduate.** A student who has not obtained a bachelor's degree.

**Waiver.** Any individualized changes from the stated requirements and it needs approval of the appropriate college authority. Information about waiver policies and procedures can be received in either the dean's office of the college or the Registrar's office. It is proper and helpful to consult with an adviser before requesting a waiver.

# STUDENT SERVICES

## UNIVERSITY CENTER

*Campus Directory:* 262-472-1234

*Information Center:* 262-472-1170

*Ticket Center:* 262-472-2222

*FAX:* 262-472-3900

The University Center (UC) is considered a gathering place for the campus community. It's a great place to attend a program, work on group projects or study individually, shoot a game of pool, grab a snack or enjoy a full-sized meal, and best of all--to meet up with friends. Activity thrives in the UC!

Students will soon discover there is a number of offices and services in the UC which have been carefully designed to meet students' needs. They'll find study lounges, meeting and conference rooms, four dining areas, the Convenience Store, Adult Resource Center, The Center Gallery, the Multicultural Education Center, Credit Union, TYME machine, Ride Board, and more.

One of the best ways to learn about the daily events in the building or around campus is to stop by the Information/Ticket Center. This is also the place to purchase tickets for Cultural Affairs, Theatre/Dance, athletic events, and other campus programs. The University Center Web Page is the newest way to learn about programs and services in the UC. ([uc.uww.edu](http://uc.uww.edu))

Student organizations such as the Center Net, the Whitewater Student Association, the "Royal Purple" (student newspaper) and the UW-W Student Foundation are also located in the UC. And, if students want to relax between classes, they can go to the Recreation Center to have some fun.

The University Center also provides a number of employment opportunities for students. Positions available range from working as an Information Desk Attendant to a Building Manager, and from a Technical Services Crew Member to a Graphic Artist. These positions can help give students professional experience in their chosen area of study. They also get the chance to work with other students, faculty and staff and gain many new insights into how campus departments work together. In addition, some positions are arranged for students to earn academic credits.

Come to the University Center and join in the activity. You'll soon find "You're Among Friends" in the University Center.

**ADULT RESOURCE CENTER (UC 121):** The Adult Resource Center (ARC) is an office on campus that is intended to be a resource for all students, but has a primary focus on meeting the needs of returning adult students. The ARC provides resources, plans programs and offers referrals for a wide variety of student concerns and interests. It's a friendly place to drop in, meet others, get a cup of coffee, or relax and socialize between classes. Visitors are also invited to browse through the book and magazine collection.

**CATERING SERVICES (UC 106):** From coffee, to an elaborate banquet, the Catering Office will accommodate your needs. This service is available year-round. Catering To Go is a convenient and inexpensive way for residence hall floors and student organizations to order food for various events.

**THE CENTER GALLERY (UC120):** The Center Gallery provides artwork for students, faculty, staff and the surrounding community to view. The Gallery features four to six shows each semester and offers hands-on work experience for Student Gallery Assistants.

**CENTER FOR STUDENT INVOLVEMENT & LEADERSHIP (UC 264):** This unit of the University Center exists to assist students and student organizations in integrating and developing inside and outside the University community. The Center provides resources for organizations as well as a variety of activities to entertain and develop the University family.

**CENTER NET (2nd Floor East):** This student run programming board utilizes student fees to develop, coordinate and produce events for students. A wide variety of programs are offered, such as the Underground Dance Club, comedians, live bands, etc.

**CONVENIENCE STORE (UC 150):** The Convenience Store provides snacks and quick meal items for students and staff on the go. Also available are clothing and school supplies, cleaning and grocery products, health and beauty items, greeting cards, newspapers, film and photo processing services.

**HAWKCARD(UC 245):** The HawkCard (University ID card) is provided upon enrollment at UW-Whitewater. The HawkCard is required for use of University food service program, enrollment verification, and Purple Point Accounts. Look for the "HawkCard Accepted Here" signs throughout the campus.

Report lost or stolen HawkCard to the HawkCard Office, UC245, phone 262-472-1437 or any HawkCard location cashier. Attempted use of any reported lost or stolen HawkCard will result in the card being confiscated and forwarded to the HawkCard

Office. There is a \$10 fee for the replacement of lost or stolen HawkCards. Contact the HawkCard Office, UC245, for a replacement card.

**MULTICULTURAL EDUCATION CENTER (UC 122):** The Multicultural Education Center (MEC) is a resource center, which provides information on student organizations, campus services, programs and activities. In addition, the MEC has an extensive multicultural library and compilation of journals and newspapers, and a comprehensive collection of videos on diversity. They also sponsor a variety of programs every semester.

**OFFICE OF COMMUNITY SERVICE (UC 266):** UW-Whitewater offers many community service opportunities for its students through the Office of Community Service as well as Students Organized for Service (SOS). UW-Whitewater offers a number of one-time, short-term, and long-term service opportunities for students. UW-W is a member institution of America Reads, a national service program where college students provide reading tutoring in area schools. Through involvement in community service, students fulfill the hours required for graduation from the College of Business & Economics, and can meet the criteria established for admission to the College of Education. Many students who participate in community service gain experience in their field of study thereby enhancing their academic learning and career development.

**OFFICE OF STUDENT LIFE (UC 253):** This office is responsible for organizing and planning the New Student Convocation, Commencement and publishing Focus on Contemporary Issues which provides important information to the campus community. The Office of Student Life is also responsible for handling Academic and Non-Academic Student Misconduct.

**PRINTING SERVICES (UC 60):** Printing Services offers a variety of services to assist campus departments, faculty, staff and students with their daily operations or those special one-time needs. These services are offered at competitive prices and include high speed copying, offset printing, spiral binding and transparencies. There is also a FAX service for incoming and outgoing transmittals.

**PURPLE POINT ACCOUNT:** A Purple Point Account is a prepaid debit account accessed by using a HawkCard (University ID card). A minimum deposit of \$50 is required to open a Purple Point Account. Deposits to a Purple Point Account can be billed to students with tuition, fees, room, and board. Purple Points may be used at all dining locations, vending machines, University Bookstore, residence hall laundry facilities, and other retail and service locations on campus. Contact the HawkCard Office, UC245, phone 262-472-1437 for more details. Look for the "HawkCard Accepted Here" signs throughout campus.

**THE RECREATION CENTER (UC 24):** The Recreation Center has 10 bowling lanes, 8 full-size pool tables, dart board machines, air hockey, foosball, and 20-plus video and pinball games. The Recreation Center is fully accessible to all individuals. Special programs include: Bowling Leagues, Glow in the Dark Bowling (Thursdays), Friday Night Pool Specials, Strikes N' Riches (Saturdays), and Rent-a-Lane Bowling (Sundays). Outdoor and Camping Equipment, Canoes, and Portable Volleyball Kits are also available at low rental rates.

**RESERVATIONS (UC 250):** UC Reservations serves as a place to make reservations for rooms in the James R. Connor University Center as well as other locations on campus. The University Center has facilities for meetings, banquets and special events for as few as four people, and as many as 625.

**ROYAL PURPLE (UC 62):** Located in the lower level of the University Center, The Royal Purple student staff creates the UW-Whitewater weekly campus newspaper. Students can volunteer, earn credit and/or be paid for working on The Royal Purple.

**STUDENT LEADERSHIP PROGRAM & OPPORTUNITIES (2nd Floor East):** UW-Whitewater offers many opportunities for students to become active members of the campus community. Through involvement in organizations and activities, students have a unique opportunity to develop their leadership potential by practicing many skills of "paraprofessional" leaders vital to the delivery of various programs and services. Students may explore leadership opportunities by participating in various seminars and workshops designed for the intentional exploration of the development of leadership.

**STUDENTS ORGANIZED FOR SERVICE (2nd Floor East):** Students Organized for Service (SOS) is made up of a student executive board which operates a number of programs and service opportunities on campus and in the Whitewater community. Programs provide a variety of ways students can work with other people or volunteer in other capacities, once each week or once each year, work with a group or individually.

**UNIVERSITY DINING SERVICES (Rm 242, 472-1161):** University Dining Services offers a variety of convenient facilities to meet customers' dining needs. From cheesy pepperoni pizza to homemade bakery goods, we have the means to satisfy your appetite.

**DINING AREAS:** There are five dining areas in the University Center, each with its own specialties. These include:



- **The Commons** (*Rm. 111, 262-472-5093*) The Commons is located in the west side of the University Center. It is the place to go for home-style hot luncheons, entrees, deli sandwiches, homemade soups, a salad bar, and tasty desserts.
- **Ritazza Coffee Cart** (*Rm 104*) located in the I.W." Ike" Schaeffer Room (north end of the University Center) offers Espresso, Cappuccino, Cafe' Latte, gourmet coffees and hot chocolate, as well as specialty pastries, Otis Spunkmeyer cookies and Texas Muffins.
- **The Graham Street Cafe'** (*Rm 170, 262-472-5771*) The Graham Street Cafe' is located in the east side of the University Center and has a beautiful view of the campus mall. It features Frutazza® among its wide variety of beverages, popcorn, great Campbells® soups, salads, submarine sandwiches, rotating specialty bars, ice cream novelties and much more.
- **The Down Under** (*Rm 6, 262-472-3175*) The newly renovated Down Under is located in the north lower level of the University Center. It is open seven days a week and has live entertainment, a large dance floor, a big screen TV plus six other TV's. The DU features Pepe's Mexican Food®, Brew City Appetizers®, gourmet burgers, chicken sandwiches, and much more. "Hang Time" specials are also featured from 4 p.m. to 6:30 p.m., Monday, Wednesday and Friday, in addition to weekends.
- **The Warhawk** (*Rm 126, 262-472-1174*) The Warhawk is located in the southwest side of the University Center, offering a food court atmosphere. Whether it's for a quick bite to eat before your next class, or a leisurely lunch with your friends, you'll enjoy Burger King®, Stone Willy's Pizza®, and Mrs. Rich's®.

These places provide an ideal opportunity to meet friends between or after classes and to enjoy a great meal.

**MEAL PLANS:** Students that are required to live on campus are also required to choose one of the seven meal plans offered by University Dining Services. There are three types of plans to offer students flexibility; fixed meals, point plans and a block meal plan. There is a Dining Hall on the East and West Side of campus to provide convenient service.

**UNIVERSITY BOOKSTORE.** The University Bookstore, located in Moraine Hall, provides personal and educational materials to students and faculty. In addition to course textbooks and manuals, dictionaries, magazines, records and an array of books such as best sellers, classics, home and health books, children's books and course related titles are available in the book department. In the supply department, students may obtain supplies for Art, Biology and other courses as well as notebooks, paper and general school supplies. In addition, cards, posters, and sundries are available. Jackets, shorts, sweatshirts, knapsacks and T-shirts are popular items. Film

processing, class rings, caps and gowns, laminating, and special orders are other services provided by the Bookstore staff.

**UW CREDIT UNION (UC 67):** The UW Credit Union is a student-friendly, full-service financial institution. Services include Free Checking, ATM/VISA, Check Cards with unlimited withdrawals, auto and student loans, low fixed-rate credit cards, and free computer home-banking. All UW students and their parents automatically qualify for membership.

## **RESIDENCE LIFE**

**FACILITIES** The Office of Residence Life administers thirteen residence halls that can accommodate approximately 3,800 students. Residence halls range in size from 200 to 600 residents and offer a range of living options such as single sex and coed halls, coed floors, coed wings, smoke-free halls, upperclass floors and halls, substance free floors, a Global Village, as well as YearOne and YearTwo residence halls. In addition, residents may choose from single rooms, double rooms, triple rooms and two-person suites.

All residence halls offer completely furnished rooms, as well as kitchens, study lounges, laundry facilities, and TV lounges. Many halls offer other amenities such as game rooms and meeting rooms. All residence hall students are invited to use the computer labs in Wells and Drumlin Halls. In addition, all rooms are wired for direct access to the computer labs.

**STAFF** Each Residence Hall is administered by a Professional Residence Hall Director. A Resident Assistant (RA) lives on each wing and assists students with the residential living experience. Custodians work hard in each building to keep public area facilities clean and in top shape. All of these staff members are eager to work with residents to meet their on-campus housing needs.

## **PROGRAMMING AND INVOLVEMENT**

The UW-Whitewater Residence Halls are proud to offer a variety of programming and involvement opportunities to meet the needs of all students. Hall, house and floor governments in each building work with the staff to plan many different activities such as dances, dinners, movie nights, trips, intramural teams, study skill programs, and speakers to present a variety of topics.

University Fitness is located in the lower level of Wells Hall and membership is available for a nominal fee to all students. The Cable 6 Television station also

operates through the Office of Residence Life and offers opportunities for involvement.

The Office of Residence Life is a large student employer on campus and is often recruiting for many positions such as RA, desk receptionist, student custodian, clerical assistant, graphic artist, fitness instructor, grounds crew worker, and many others. Students who seek information about these positions, or any aspect of Residence Life, should feel free to call for more information.

## **RESIDENCY POLICIES**

All freshman and sophomore students with fewer than 60 credits are required to live in university-operated residence halls. Exceptions can be made for students who are veterans, are married, if two academic years or more have elapsed since earning a high school diploma or equivalent, or who have university permission to live at home. A notarized request for commuter status must be filed with the Office of Residence Life. Students may also be exempted from this policy if they have resided in university-owned residence halls for at least four Fall/Spring Terms.

## **APPLICATION PROCEDURE**

Further information about housing, along with an application, is sent to students upon their admission to the university. Students are required to submit a \$125 prepayment with their residence hall application and contract acceptance form. This prepayment is non-refundable after the May 1 contract cancellation deadline identified in the contract.

Additional information about university-owned residence halls is available by calling the Office of Residence Life at 262-472-4255.

## **WHITEWATER STUDENT GOVERNMENT**

The Whitewater Student Government is the official representative of the student body. It has the primary responsibility for University policy concerning student life, services, and interests, and also maintains several agencies which provide a variety of services to the University and community.

Structurally, the Whitewater Student Government consists of an executive branch and the Student Senate. The Senate meets every Monday at 7:00 pm in the University Center Room 219. Everyone is welcome.

By meeting the responsibilities given to it by state law, the Whitewater Student Government gives students an opportunity to become involved in University governance and to develop their initiative and leadership.

Any questions, comments or suggestions are welcome, and can be directed to the Whitewater Student Government Office at University Center 61; the telephone number is 262-472-1166, and the FAX number is 262-472-5097.

## **UNIVERSITY HEALTH AND COUNSELING SERVICES**

### **Ambrose Health Center**

*Health Services* 262-472-1300

*Counseling Services* 262-472-1305

The University Health and Counseling Services (UHCS) provides comprehensive services and referrals for multiple concerns related to students' physical and mental health. Services are available to all currently registered UW-W students from 8:00 a.m. until 4:30 p.m. Monday through Friday during the fall and spring semesters; hours vary during the evening and during summer session and break periods. A 24-hour Crisis Line is available for all students through Walworth County Human Services. UHCS staff are committed to quality service and health education with services, programs and consultations provided in many different settings (individually and with groups).

Health services include consultation and treatment by physicians, nurse practitioners, and nurse clinicians for illnesses and injuries. Many laboratory tests (including cholesterol screen and HIV testing) and some medications are provided. Programs include weight control counseling, smoking cessation, nutrition counseling for students with eating disorders and borderline cholesterol levels, allergy shots, cold self-care, contraceptive services, diagnosis and treatment of sexually transmitted diseases through regular Personal Reproductive Care (PRC) clinics, and assistance in coordination of health care for students with chronic illnesses and/or physical disabilities. UHCS does not provide eye examinations, dental care, or consultation with specialists. Assistance with referrals to outside sources of care is provided, if needed. Charges are made for some services and supplies within the Health Services, and all outside services are the financial responsibility of the student. A number of outreach programs is offered by staff and peer educators, and again focus on the individual's rights and responsibilities with personal health care issues.

Health insurance is recommended; a policy is endorsed by the university and information is available from UHCS. Hospital care is available when needed in nearby communities. Transportation can be arranged to Fort Atkinson, Janesville or

Elkhorn for medical consultation/urgent care both day and night; call UHCS (262-472-1300 or 1305) or Residence Life. In the case of emergencies, the City of Whitewater Rescue Squad should be contacted by calling 911 off-campus or 9-911 on-campus.

Counseling services include individual and group counseling (primarily short-term) for UW-W students dealing with a number of personal issues. In addition, consultation is available to faculty, staff and students. Significant outreach efforts are made with the campus and the community. The primary focus is on prevention and education in these outreach programs.

The services are staffed by professional psychologists and counselors, as well as supervised counselors-in-training. If immediate or direct services are not available here, assistance is offered with appropriate referrals. Students with ANY personal concerns (adjustment to college, relationship issues, alcohol and drug issues, depression, stress management, self-esteem, roommate problems, eating disorders, sexuality issues, sexual abuse or assault, or even feeling better about life) should be encouraged to ask for help at UHCS. ALL SERVICES OF UHCS ARE CONFIDENTIAL.

## **CAREER SERVICES**

Most students take advantage of the services of the Career Services Office as they explore career fields, develop career plans, prepare themselves for the job search process and actually search for employment. Valuable information and assistance are available to all undergraduate students, graduate students and alumni of the University. Services include individual and group career counseling, a library of career information, computerized career guidance systems, regular listings of job and internship opportunities, assistance in establishing credential files, creative job hunting, resume and cover letter writing, job-interviewing skills and referral to employers. Students are encouraged to take advantage of career planning and job search assistance during their college years.

## **WOMEN'S CENTER**

The Whitewater Women's Center is located in Salisbury Hall 217 & 236 and is open during Fall and Spring semesters. It is a safe place for all women on campus to receive help, support, information, referrals and advocacy, ranging from issues of sexual assault to support groups for victims of abuse.

The Center is a place where women can work together toward dissolving barriers, rules and attitudes which deny women education, earning power, choices about their

own lives or the right to stand with pride as women. This is done through educational programs, support groups and advocacy efforts.

Referrals utilize agencies both on and off campus that can best provide assistance to those in need. The Center also has a resource library on women's issues.

## **MULTICULTURAL EDUCATION CENTER**

The Multicultural Education Center (MEC), located in UC 122, provides a friendly and inviting atmosphere which brings students, faculty and staff to its doors. The MEC has a wide array of multicultural resources that are available for students, staff and faculty. Some of these resources include information on campus activities, information on leadership programs, and an extensive multicultural library. In addition, the MEC provides support and leadership to educational programs, which are existent or newly developed on campus. The MEC is open to all visitors during its regular hours: Monday-Wednesday from 10 a.m. to 7 p.m., Thursday from 10 a.m. to 6 p.m. and Friday from 10 a.m. to 4:30 p.m. Please contact the staff at 262-472-2798 with any questions about its resources or to reserve the facilities.

## **CHILDREN'S CENTER**

The University offers year round, high-quality preschool and school-age programs for children of students, faculty and staff ages 2-6 years during Spring and Fall Semesters and 2-11 years during Summer Session. Part-time and full-time schedules are available to suit parents' class, work and study times on and off-campus. The Children's Center also serves as a teacher-training site and is state-licensed and nationally-accredited. The Center is open Monday through Friday 7:30 am - 5:30 pm during the Spring and Fall Semesters and Monday through Friday 7:15 am - 5:15 pm during the Summer Session. For information regarding curriculum, registration and fees write or call: Director, University Children's Center, Roseman Building Room 1035, UW-Whitewater, 262-472-1768.

## **INTERNATIONAL PROGRAMS**

### **INTERNATIONAL STUDENTS**

The Office of International Education and Programs is responsible for the recruitment and administration of UW-Whitewater's international students. The office provides orientation for new students, and assists international students with personal, academic, and financial concerns as well as issues with housing, food, or immigration. The office also serves as a liaison with the academic and administrative areas of the University and coordinates cultural and social programs that interface foreign and

domestic cultures such as the International Dinner, Host Family Program and International Week.

## **STUDY ABROAD AND FACULTY EXCHANGE**

The Office of International Education and Programs provides necessary services and assistance to students who are interested in participating in study abroad, travel, or exchange opportunities. In addition, the Office works closely with the Faculty Exchange and Fulbright Programs in assisting faculty who may be interested in faculty exchanges.

UW-Whitewater provides study abroad choices to meet the diverse academic and personal needs of the student. Programs vary in location, length, level, academic focus, language requirements and cost. Each program consists of academic study with an appropriate cross-cultural learning experience in a foreign country. Financial aid and scholarships are available for certain programs.

Study abroad is a most effective and intensive learning experience. A term or year spent overseas opens a window to the world which broadens international and intercultural awareness and sheds new light on preconceptions. International study brings fresh perspective to career choice, international understanding and human relationships. If students are to function effectively in the increasingly global economy, they need to acquire new perspectives, knowledge and skills to succeed.

Take advantage of these opportunities to study at universities with which we have special relations:

- Sup de Co, Rouen, France
- Umea University, Umea Sweden
- ITESM, Monterrey, Mexico
- Kansai Gaidai University, Osaka, Japan
- Technical University of Brno, Czech Republic
- Deakin University, Melbourne, Australia
- University of Hertfordshire, London, England

In addition to the above, there is a variety of short-term travel study courses available throughout the year and during summer and winterim sessions. International field experiences, including student teaching and internships, are available through the College of Education in partnership with Bethlehem Moravian College in Malvern, Jamaica and the University of Technology in Kingston, Jamaica, West Indies.

The possibilities are endless through the University of Wisconsin System Study Abroad Programs.

## **GENERAL GREEK ORGANIZATIONS**

**Fraternities.** Ten general Greek fraternities maintain chapters on the Whitewater campus. Nine of these--Alpha Phi Alpha, Delta Chi, Kappa Alpha Psi, Lambda Chi Alpha, Omega Psi Phi, Phi Beta Sigma, Phi Sigma Kappa, Pi Kappa Alpha and Tau Kappa Epsilon--are nationally affiliated. Phi Chi Epsilon is a local fraternity. A male student may become acquainted with a fraternity through inquiry to the respective fraternity or Center for Student Involvement and Leadership at 262-472-3191.

**Sororities.** Eight sororities maintain chapters on the Whitewater campus. Six of these--Alpha Kappa Alpha, Delta Sigma Theta, Delta Zeta, Sigma Gamma Rho, Sigma Sigma Sigma and Zeta Phi Beta--are nationally affiliated. Alpha Sigma is a local sorority and Zeta Sigma Chi is a regional sorority.

## **DISABLED STUDENT SERVICES**

*Roseman 1004: 262-472-4711 (V/TDD)*

UW-Whitewater has had a program to provide services for students with disabilities since the 1970-71 school year. In 1973, the Board of Regents of the University of Wisconsin System gave UW-Whitewater a unique, specific mission to provide services for students with disabilities. As a result, the UW-Whitewater campus is one of the most accessible campuses in the nation. More than \$5 million has already been expended to make programs and facilities accessible. In addition, professional staff members for students with disabilities. As a result, the UW-Whitewater campus is one of the most accessible campuses in the nation. More than \$5 million has already been expended to make programs and facilities accessible. In addition, professional staff members in Disabled Student Services and other Student Affairs Offices are available to provide a wide variety of services to meet both ordinary and unique needs of students with disabilities. The primary goal is to integrate disabled students into existing programs to the maximum extent possible. Specialized services are provided to meet unique needs.

Services include, but are not limited to:

- Pre-enrollment interview, evaluation and orientation.
- Transportation to and from class and activities on and off campus (Available for a weekly charge).



- Adapted recreation and athletics including wheelchair football, basketball, softball, soccer and wheelchair track and field.
- Assistive Technology Center
- Counseling for personal, social, vocational, academic and critical intervention needs.
- Assistance with attendant recruitment and training.
- Physical therapy emphasizing functional training and activities of daily living.
- Liaison with funding and sponsoring agencies.
- Enhanced work experience, career planning and placement service.
- Independent living skills training.

**STUDENTS FOR AN ACCESSIBLE SOCIETY (SAS)** Roseman 1004 This is an organization open to ALL interested people. The organization was originally formed to meet the special needs of disabled students on campus, i.e., building modification and transportation. With the increased accessibility of the campus, SAS is gearing itself more towards political, social and economic concerns of disabled individuals. Its goal is to work not only on removing architectural barriers, but also on removing attitudinal barriers created by society's stereotypes.

For further information on SAS, or for information concerning other areas (i.e. transportation, housing, aides, physical therapy), students may contact Disabled Student Services at 472-4711.

## **STUDENT PUBLICATIONS**

The Royal Purple is an independent student newspaper of the University of Wisconsin-Whitewater which is published weekly. Students can obtain hands-on editorial or advertising experience while receiving course credit. The Royal Purple also offers students the opportunity of advancement to editorial and business management positions.

## **RADIO STATION**

**WSUW-FM** (91.7 on the dial) is a 1300 watt student run radio station operated by the University. The station serves as a laboratory for on-campus radio courses, and provides entertainment and public services to the University and surrounding communities.

## **INTERCOLLEGIATE ATHLETICS**

**MEN:** 9 varsity sports . . . Member of Wisconsin Intercollegiate Athletic Conference . . . Affiliated with the National Collegiate Athletic Association (NCAA) III . . .

Football . . . Cross Country . . . Basketball . . . Swimming . . . Wrestling .  
Indoor/Outdoor Track and Field . . . Tennis . . . Baseball . . . Soccer

**WOMEN:** 10 varsity sports . . . Member of Wisconsin Intercollegiate Athletic  
Conference . . . Affiliated with the NCAA Division III . . . Volleyball . . . Swimming .  
. . . Gymnastics . . . Basketball . . . Softball . . . Tennis . . . Indoor/Outdoor Track and  
field . . . Golf. . . Cross Country . . . Soccer

## **GENERAL RECREATION**

Sports facilities are open evenings and weekends for unorganized recreational use. Indoor facilities are available for such activities as basketball, volleyball, and swimming. Outdoor areas and facilities are also available for such activities as softball, football, tennis, sandpit volleyball, and basketball. A walking/jogging trail is located near Perkins Stadium for recreational use. Equipment checkout is available for these activities with a valid University I.D. Facility reservations are also available for any of the indoor or outdoor facilities, as well as the Lawcon picnic shelter near Wells Hall. A Weight Room/Fitness Center and aerobics membership fee is required, and can be purchased through the Office of Recreation Sports and Facilities, Room 142 Williams Center. Call 262-472-1544 for further information.

## **INTRAMURAL SPORTS**

An extensive program of intramural sports is available for male and female students, faculty or staff. Tournaments and leagues are conducted throughout the year in various activities such as flag football, volleyball, basketball, soccer, wrestling, softball, tennis, sandpit volleyball, innertube water polo and floor hockey. Entry forms for these activities are available in the Intramural Office, Room 142 Williams Center. Call 262-472-1145 for further information.

## **CLUB SPORTS**

A more in-depth sports experience than the intramural and/or general recreation program, it blends aspects of learning new skills, practicing with fellow participants and competing against clubs from other campuses. Active clubs include men's and women's ice hockey, men's volleyball, lacrosse, bowling, men's and women's rugby, cycling, billiards, karate, hobbits outdoor, martial arts, water skiing, ultimate frisbee and skiing. Contact the Club Sports Office, Room 142 Williams Center or call 262-472-1145 for further information.

## **RELIGIOUS GROUPS**

The following religious organizations are represented on campus: Inter-Varsity Christian Fellowship, Catholic Student Association (Roman Catholic), Lutheran/Episcopal Student Association, Fellowship of Christian Athletes, UW-W Gospel Choir, and WELS Campus Ministry. In addition, the Campus Ministry Center is affiliated with the following religious faiths: Catholic, Lutheran, Episcopal, and United Ministries in Higher Education (Presbyterian, Congregational United Church of Christ, United Methodist, and American Baptist). Local churches or off-campus houses maintained by religious organizations provide the facilities for religious and social programs. Some meetings are held in University facilities.

## **FINANCIAL AID**

### **HOW TO APPLY**

To apply for financial aid at UW-Whitewater the application process is as follows:

Complete a Free Application for Federal Student Aid (FAFSA) and submit it to Federal Student Aid Programs. The FAFSA is available from any high school guidance counselor or the Financial Aid Office. The FAFSA can be completed after January 1 of the new year once the federal income tax returns for the previous year are completed. The FAFSA requires accurate information. Inaccurate information can result in time-consuming corrections. Submit the FAFSA by the priority date of March 15. Applications submitted after March 15 may be too late for many aid programs.

As a result of completing the Free Application for Federal Student Aid, the student will receive a Student Aid Report (SAR), which contains the results of a student's eligibility for financial aid. If it contains incorrect information, the student should make the necessary corrections on the report and return it to the address indicated on the form. Students are no longer required to submit the SAR to the Financial Aid Office.

### **Other Requirements:**

The student must be accepted for admission to UW-Whitewater before the application will be considered.

Ability to Benefit - Students seeking Title IV federal aid must have a high school diploma or its recognized equivalent GED. If students have neither, they must first pass an independently administered test proving the ability to benefit.

Additional information as requested.

International Students:

Contact the Financial Aid Office for information and appropriate forms. All aid programs except the International Student Grant and Scholarship require U.S. citizenship or permanent residency. Students on foreign student visas (F-1's) are not eligible for federal or state funds. **CHANGE OF ADDRESS:** All new students must notify the Admissions Office of a change of address. All continuing students may change their address(es) on the STAR System or notify the Registrar's Office. The Financial Aid and Student Financial Services Offices rely upon those offices for accurate address information.

**REAPPLY ANNUALLY:** Students must reapply annually for all types of financial aid.

**SUMMER TERM:** To apply for summer term financial aid, students must complete a Summer Term Application which is available in the Financial Aid Office. This is in addition to the FAFSA. To be eligible for aid, students must be enrolled at least half-time (six credits undergraduate and four and one half credits graduate).

**ACADEMIC PROGRESS:** Students are required to comply with UW-Whitewater's Academic Progress requirement in order to maintain their eligibility to be considered for financial aid. Academic Progress requirements are published in the University's Registration Handbook and Timetable. Failure to meet the requirements will result in loss of eligibility for all major types of financial aid. Students will receive a report of their current status on the Student Information Form prior to registration each Fall/Spring Term, and they will be informed at the end of the Fall/Spring Term in which their eligibility has expired. Students who do not meet the requirements can appeal their academic progress status.

**ADDITIONAL OUTSIDE RESOURCES:** The student's financial aid package is subject to change based upon assistance received from other sources. This includes private scholarships, fee waivers, Division of Vocational Rehabilitation funds, resident/campus assistantships, ROTC, etc.

**CONFIDENTIALITY:** Written and verbal financial information concerning students and parents is confidential and will not be released without written permission.

CHANGES TO FINANCIAL SITUATION: The Financial Aid Office must be notified directly of changes which may affect the family's ability to provide financial assistance to the student. These changes may include loss of employment or benefits, a significant decrease in income, separation or divorce, death or disability.

## **WHAT WILL IT COST TO ATTEND UW-WHITEWATER?**

Financial planning for college should begin with an estimate of what the total cost will be for one academic year at UW-Whitewater. While fees (tuition) and room and board expenses will represent the majority of the expenses, there are also expenses for books, laundry, personal supplies, entertainment, and travel. If realistic budgetary allowances for such items are made now, the final financial projections will be more accurate and useful. Allowances should also be made for increases in fees because of inflation and policy changes.

### **ESTIMATED YEARLY BUDGET WISCONSIN RESIDENT UNDERGRADUATE STUDENT 1999-2000 ACADEMIC YEAR**

- Fees \$3,100
- Room & Board 3,550
- Books, supplies 650
- Transportation 850
- Personal expenses 1,600

**TOTAL \$9,750**

\* Non-resident (except Minnesota) undergraduates add \$6,500.

\*\* While most required undergraduate textbooks are available through the textbook rental system, some must be purchased.

The following is a sample budget and need analysis for a dependent student paying in-state tuition:

Parents' Contribution \$ 800  
Student's Contribution + 400  
TOTAL FAMILY CONTRIBUTION \$1,200  
Total UW-W Cost of Attendance \$9,750

Less Family Contribution -1,200

**TOTAL NEED \$8,550**

The following is a sample financial aid package for the same student enrolled full time:

Federal Pell Grant \$1,975

Wisconsin Higher Education Grant 310

Federal Supplemental Educational  
Opportunity Grant 600

Federal Perkins Loan 1,000

Federal Work-Study 1,200

Federal Direct Stafford Loan 3,465

Federal Direct PLUS Loan +1,200

**TOTAL \$9,750**

Students have the option of accepting all or part of the assistance offered.

Financial aid is calculated on the number of credits the student intends to take.

Financial aid packages must be adjusted for less than full-time enrollment.

## **LOANS**

A loan is a form of financial assistance which must be repaid and should only be accepted with the full realization of that responsibility.

**FEDERAL PERKINS LOAN PROGRAM:** Federal Perkins Loans are available to undergraduate and graduate students. Awards are determined by the Financial Aid Office based upon financial need and availability of funds. Borrowers must sign a promissory note for the loan, which is interest-free as long as they are enrolled at least half-time at any eligible institution. Repayment of the principal plus 5% interest per year begins nine months after the student leaves school or graduates. Repayment is determined by federal regulations.

**FEDERAL DIRECT STAFFORD LOAN (Subsidized):** The Federal Direct Stafford Loan enables undergraduate and graduate students enrolled at least half-time to borrow directly from the federal government. To be eligible, students must demonstrate financial need. The school determines financial need based on the information provided on the FAFSA.

The federal government pays the interest on these loans while students are in school and during certain periods, such as grace and deferment (a postponement of

repayment). Undergraduate freshmen are limited to loans of \$2,625; sophomores (24-59.5 credits) are limited to \$3,500; junior and senior undergraduates (students with 60 credits or more) are limited to \$5,500. Graduate students are eligible to receive up to \$8,500 per year. Undergraduates are limited to a cumulative total of \$23,000 in Federal Direct Stafford Loans and there is a \$65,500 cumulative total for undergraduate and graduate study. Federal Direct Loans are interest-free until six months after graduation or the time the student leaves school. An origination fee of 3% is assessed at the time the loan is made. This money goes to the federal government to help reduce the cost of supporting this low-interest loan. Interest rates are variable and are adjusted each year on July 1.

**FEDERAL STAFFORD LOAN (Unsubsidized):** To be eligible, students do NOT need to demonstrate financial need. However, students are obligated to pay all interest even while enrolled, which differs from the subsidized loan. The same borrowing limits apply less amounts borrowed under the subsidized program. For example, a freshman may borrow a maximum of \$2,625 per year in combination of both programs. Independent undergraduates may be eligible for higher limits.

**FEDERAL DIRECT PLUS LOAN:** The Federal Direct PLUS Loan program enables credit-worthy parents of undergraduate dependent students to borrow. The PLUS Loan may not exceed the student's estimated cost of attendance minus any estimated financial assistance the student has been or will be awarded during the period of enrollment. This includes the no-need Federal Direct Unsubsidized Stafford Loan. Funds are borrowed directly from the federal government. An origination fee is assessed at the time the loan is made. Interest rates may vary from year to year and will be determined by the federal government. You may contact the Financial Aid Office for the PLUS Loan Request Form.

## **GRANTS**

A grant is a form of aid which does not have to be repaid.

**FEDERAL PELL GRANT:** The Federal Pell Grant Program provides a "foundation" of financial aid to undergraduates to which aid from other federal, state and private sources may be added. To determine a student's eligibility for a Pell Grant, the U.S. Department of Education uses a standard formula to evaluate the information the student supplies on an aid application. The formula produces an Expected Family Contribution, which indicates whether or not the student is eligible. This amount is on the Student Aid Report (SAR), which is sent to the student.

**FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG):** The Federal Supplemental Educational Opportunity Grant is a federally funded grant program. FSEOG's will be awarded first to those undergraduate students with exceptional need, those with the lowest expected family contributions and Federal Pell Grant recipients.

**WISCONSIN HIGHER EDUCATION GRANT (WHEG):** The Wisconsin Higher Education Grant is a state funded grant available to eligible undergraduate Wisconsin residents who demonstrate financial need. Awards are determined by the Higher Educational Aids Board.

**TALENT INCENTIVE PROGRAM GRANT (TIP):** The Talent Incentive Program Grant is administered by the Department of Public Instruction's Wisconsin Educational Opportunity Program (WEOP). The purpose of TIP is to provide supplemental grant awards to extremely needy nontraditional students. TIP awards are designed to reduce the need for self-help aid during the period of greatest academic vulnerability. Contact your local WEOP Office, 262-227-4942.

**INDIAN STUDENT ASSISTANCE PROGRAM:** The Indian Student Assistance Program grants are available to Native Americans who demonstrate financial need, are enrolled in a post secondary program in Wisconsin, and are Wisconsin residents of one-fourth Native American lineage. Applicants must complete the Indian Scholarship Application available from the Bureau of Indian Affairs, or the Financial Aid Office, in addition to the Free Application for Federal Student Aid (FAFSA).

**NON-RESIDENT GRANT:** These grants are available to out-of-state (excluding Minnesota) students enrolled full-time who demonstrate need. Upperclassmen must have a cumulative grade point average of 2.00 or better. These awards cover part of non-resident tuition expenses.

**INTERNATIONAL STUDENT SCHOLARSHIP:** Each year UW-Whitewater's Admissions Office selects 10 new freshmen from foreign countries to receive scholarships. The awards are renewable for up to four years. The awards are based on academic record and financial need. Awards are made in the form of a partial waiver of non-resident tuition. Contact the Admissions Office, Baker Hall, 262-472-1440, for more information.

**INTERNATIONAL STUDENT GRANT:** The Financial Aid Office has a limited amount of funds available to assist continuing students from foreign countries. Applicants must have earned a minimum of 24 credits at UW-Whitewater with a minimum G.P.A. of 2.50 for undergraduates. These awards are made on the basis of



need resulting from extenuating circumstances. Awards are made in the form of a partial waiver of non-resident tuition.

**WISCONSIN HEARING/VISUALLY HANDICAPPED GRANT:** These grants provide assistance to Wisconsin residents who are deaf, hard of hearing, or visually handicapped. To qualify, such students need to demonstrate financial need. Grants are determined by the Higher Educational Aids Board.

**U.S. AIR FORCE ROTC SCHOLARSHIPS AND INCENTIVES:** Air Force ROTC has several types of scholarship opportunities available for students. High school seniors must apply for three and four year scholarships prior to December 1 to be considered. The Professional Officer Course Incentive is also available to any qualifying student for their last two years of college. This incentive is \$1000 per semester for tuition, plus \$150 per month all tax free. Contact your Air Force representative at 262-472-1876. Campus location is Room 199 in Salisbury Hall.

**U.S. ARMY RESERVE OFFICER TRAINING CORPS (ROTC) SCHOLARSHIP:** There are four categories of annual scholarships awarded by the Department of Army available to students participating in Army ROTC. High school seniors entering a university with Army ROTC may compete with students across the nation for a four-year scholarship. Interested students should contact the Department of Leadership and Military Science, 262-472-1541, any time from September 1 through November 1 during their senior year in high school. Two-year and three-year scholarships are also available to selected students participating in Army ROTC.

**LAWTON UNDERGRADUATE MINORITY RETENTION GRANT:** These grants provide funds to undergraduate minority students (Hispanic, African-American, Native American, Southeast Asian) who have at least 24 earned credits. Qualifying minorities must be U.S. citizens and Wisconsin residents who are enrolled at least half-time and making satisfactory academic progress. Students who demonstrate financial need must have a grade point average of 2.0 or better; students not eligible for financial aid must have a grade point average of 2.4 or better to be considered. Contact the Assistant Vice Chancellor for Academic Support Services, 226 McCutchan Hall, 262-472-4985, for applications and information.

**DIVISION OF VOCATIONAL REHABILITATION (DVR):** DVR assistance is available to students having some type of disability. Vocational Rehabilitation is a Division of the Wisconsin Department of Health and Social Services. Students should contact their local DVR counselor in addition to filing the FAFSA.

## **EMPLOYMENT OPPORTUNITIES**

Students must be enrolled at least half-time or have been accepted for such enrollment for any on-campus employment. The most common types of positions available are Federal Work-Study positions and Regular Payroll positions.

Students on foreign student visas (F-1's) are eligible for on-campus Regular Student Payroll positions only, and they are restricted to 20 hours per week during periods of enrollment.

During the summer or other vacation periods when students do not have classes, they may work a maximum of 40 hours per week. In general, the basic pay is the prevailing minimum wage.

**FEDERAL WORK-STUDY EMPLOYMENT:** The Federal Work-Study program is a federally funded financial aid program available to citizens or permanent residents of the United States. To be eligible, the student must receive a Federal Work-Study allocation as a part of the financial aid package.

Federal Work-Study employment is typically on campus, and work schedules are set up around classes. Students are encouraged to participate in the many community-service related activities available. Typical on-campus jobs include clerical work; assisting in the library, laboratories, or computer labs; tutoring; and child care assistance. Proceeds from Federal Work-Study employment are paid directly to the student and are not automatically subtracted from the student bill.

**REGULAR STUDENT PAYROLL:** Each year hundreds of on-campus part-time jobs are made available by UW-Whitewater. Jobs (similar to Federal Work-Study positions) in university offices, laboratories, or other facilities can be applied for by any student enrolled on at least a half-time basis. These positions are listed via the Cable TV Channel 6 "Student Jobline".

All students working on campus are paid via a bi-weekly paycheck.

**FOOD SERVICE:** The private company with the contract to provide food services to UW-Whitewater hires approximately 225 students each year to work in the dining halls and for its catering service.

**OFF-CAMPUS:** Each year the Financial Aid Office lists many part-time jobs in private homes, businesses, and industries in the Whitewater area. These openings are listed on the Cable TV Channel 6 "Student Jobline". Students on foreign student visas (F-1's) are not eligible for off-campus employment without special permission.

## **WITHDRAWAL FROM THE UNIVERSITY**

**Refund/Repayment Policy for Financial Aid Recipients:** Financial Aid is awarded to students to cover educational costs charged by the University of Wisconsin-Whitewater and other related costs. Funds disbursed to students may exceed these costs when a student withdraws or drops classes during a Fall/Spring, Summer or Winter term. Refunds of fees to financial aid programs will be processed by the University of Wisconsin-Whitewater. Federal and state regulations require that a prorated portion of funds disbursed to cover non-institutional costs be repaid by the student.

Students should refer to the Timetable for details regarding Financial Aid Refund/Repayment policies. The actual repayment will be determined by the Financial Aid Office. Students will receive a statement from University Financial Services and repayments will be made to that office. Students remain **INELIGIBLE** for future financial aid until repayment is made in full.

If a student is considering or finds it necessary to withdraw, it is advisable to contact the Financial Aid Office. They will assist in determining the financial impact on the student. Withdrawals are initiated at the Registrar's Office.

Students who withdraw during the first Fall Term, but plan to return Spring Term, must submit **WRITTEN** notification to the Financial Aid Office so that aid may be reinstated and/or revised. If they fail to notify the Financial Aid Office, the aid will automatically be cancelled.

Information included in this section is subject to change at any time because of federal, state, or University regulations.

## **SCHOLARSHIP PROGRAM**

The University offers a number of scholarships intended to reward academic excellence. Scholarships awarded to UW-Whitewater students are made possible by the University itself, alumni, concerned individuals, companies, and various organizations.

The number and type of scholarships are constantly changing; consequently, interested students are encouraged to contact the Coordinator of Scholarships in care of the Admissions Office (262-472-1440) for information and/or a scholarship application. Detailed information is available on the UW-Whitewater Homepage:

www.uww.edu. Students are encouraged to apply early in order to enhance consideration as a scholarship recipient.

UW-Whitewater offers a wide variety of scholarships and every effort will be made to assist deserving students.

### **U.S. AIR FORCE ROTC SCHOLARSHIPS**

High school seniors entering a university with Air Force ROTC may compete with students from across the nation for three and four year scholarships to cover tuition, books and fees. Students who are already in college can apply for two and three year scholarships at specific intervals during the school year. In addition, the Air Force routinely sponsors a series of special scholarships targeted for specific majors, or to address under representation of some racial or ethnic groups in the Air Force. Lastly, the Air Force sponsors incentive scholarships in the amount of \$1,500 per Fall or Spring Term for individuals in their last two years of training, in addition to the \$150 per month they receive for participating.

### **U.S. ARMY RESERVE OFFICER TRAINING CORPS SCHOLARSHIP (ROTC)**

Two types of US Army ROTC scholarships are available to qualified students registered at the University of Wisconsin-Whitewater:

- 1) Four-year scholarships are awarded to high school seniors following a national competition. The early cycle applications must be submitted prior to November 15 -- 10 months before entrance into college. The regular cycle applications must be submitted before December 1st -- nine months before entrance into college.
- 2) Two-year and three-year scholarships (national) - an unlimited number of scholarships are available to any qualified UW-W student in any academic discipline. Completed applications must be received by the Department of Leadership and Military Science before April 15 for a three year scholarship and June 1 for a two year scholarship.

The US Army ROTC scholarship pays for tuition, laboratory fees, on-campus educational fees, and a flat rate of \$225 a Fall/Spring Term from which students may purchase textbooks, classroom supplies and equipment. Army ROTC scholarship winners also receive a tax-free subsistence allowance of \$150 a month for up to 10 months for each year that the scholarship is in effect. Scholarships at UW-Whitewater are worth approximately \$3,500 a year and are available for two-year and three-year periods to both men and women. Scholarship applications are available at the Department of Leadership and Military Science, Room 111, Salisbury Hall.

## **ARMY NATIONAL GUARD**

Qualified students can enlist in the Wisconsin National Guard and receive a "New GI Bill" tuition assistance of \$9036 binding the completion of military training. Also as a member of the guard a student will receive a monthly paycheck for approximately \$150 for attending a one weekend drill a month.

### **Benefits of the Guard**

Being in the guard qualifies the student for a 100% Tuition Grant. The Grant can be issued before required training is done and also eligible from day of enlistment. Effect 1 July 1997 Wisconsin Army National Guard Tuition Grant will be increased to 100%. There is also the possible eligibility of an additional \$2500 cash bonus and a \$10,000 Student Loan Repayment Program. Another program that a Guard member could be eligible for is the Federal Tuition Assistance Program that entitles a guard member up to \$1,500 per fiscal year.

### **Simultaneous Membership Program**

While attending ROTC Leadership Program in college you are eligible to participate in the SMP program. As an officer trainee you'll receive SGT (E-5) pay of \$170 plus for the monthly training assembly. An additional ROTC Advance Corps Training Program pay. You're entitled to 100% tuition grant, and based on previous military experience you may also be eligible for the GI Bill of \$251 per month.

### **CLEP**

The College Level Examination Program is at no cost to an enlisted Guard member. The CLEP purpose is to assist students with post-secondary education goals. The CLEP is administered by Wisconsin National Guard Education Office.

### **METEC**

Military Experience and Training Evaluations is a computer program that lists recommended college credits for prior military experiences.

### **Scholarships and Grants**

Additional grants are awarded each year of \$2,000 by the following associations: Wisconsin National Guard Enlisted Association, Enlisted Association of the National Guard of the United States.

## **ARMY RESERVE**

Qualified students can enlist in the National Guard or Army Reserve and receive a "New GI Bill" tuition assistance of approximately \$251 a month after 6 months of qualified service. Also as a member of the reserve forces a student will receive a monthly paycheck for approximately \$150 for attending a one weekend assembly a month. For additional information contact the Department of Leadership and Military Science, Room 111, Salisbury Hall.

Qualified students can participate in ROTC on a contractual basis and receive approximately \$3,700 over a two year period normally during their junior and senior years. Students may combine ROTC and National Guard/Army Reserve financial assistance and can benefit from a \$10,000 to \$20,000 loan repayment plan. For additional information, contact the Department of Leadership and Military Science, Room 111, Salisbury Hall.

Students interested in pursuing a career in the Army Reserve or National Guard rather than active duty can apply for a Guaranteed Reserve Forces Scholarship which pays tuition, \$150 a month and \$225 for books and miscellaneous expenses. There is no active duty commitment associated with this scholarship.

## **MONEY MATTERS**

Academic fees are set by the Board of Regents of the University of Wisconsin System and are subject to change by the Board without notice. Fees shown here are those in effect at the time this catalog was prepared and are subject to change without notice.

### **UNIVERSITY OF WISCONSIN-WHITEWATER 1999-2000 Term FEE SCHEDULE**

#### **UNDERGRADUATE**

| <b>RESIDENT</b> |            | <b>NON-RESIDENT</b> |            |
|-----------------|------------|---------------------|------------|
| 12.0 & over     | \$1,552.48 | 12.0 & over         | \$4,984.48 |
| 11.0            | 1,433.30   | 11.0                | 4,579.30   |
| 10.0            | 1,303.00   | 10.0                | 4,163.00   |
| 9.0             | 1,172.70   | 9.0                 | 3,746.70   |
| 8.0             | 1,042.40   | 8.0                 | 3,330.40   |

|     |        |     |          |
|-----|--------|-----|----------|
| 7.0 | 912.10 | 7.0 | 2,914.10 |
| 6.0 | 781.80 | 6.0 | 2,497.80 |
| 5.0 | 651.50 | 5.0 | 2,081.50 |
| 4.0 | 521.20 | 4.0 | 1,665.20 |
| 3.0 | 390.90 | 3.0 | 1,248.90 |
| 2.0 | 260.60 | 2.0 | 832.60   |
| 1.0 | 130.30 | 1.0 | 416.30   |
| .5  | 65.15  | .5  | 208.15   |

**GRADUATE**

| RESIDENT   |            | NON-RESIDENT |            |
|------------|------------|--------------|------------|
| 9.0 & over | \$1,966.08 | 9.0 & over   | \$6,145.08 |
| 8.0        | 1,748.00   | 8.0          | 5,464.00   |
| 7.0        | 1,529.50   | 7.0          | 4,781.00   |
| 6.0        | 1,311.00   | 6.0          | 4,098.00   |
| 5.0        | 1,092.50   | 5.0          | 3,415.00   |
| 4.0        | 874.00     | 4.0          | 2,732.00   |
| 3.0        | 655.50     | 3.0          | 2,049.00   |
| 2.0        | 437.00     | 2.0          | 1,366.00   |
| 1.0        | 218.50     | 1.0          | 683.00     |
| .5         | 109.25     | .5           | 341.50     |

**SPECIAL GRADUATE BUSINESS FEES**

| RESIDENT   |            | NON-RESIDENT |            |
|------------|------------|--------------|------------|
| 9.0 & over | \$2,189.08 | 9.0 & over   | \$6,375.08 |
| 8.0        | 1,948.00   | 8.0          | 5,668.00   |
| 7.0        | 1,704.50   | 7.0          | 4,959.50   |

|     |          |     |          |
|-----|----------|-----|----------|
| 6.0 | 1,461.00 | 6.0 | 4,251.00 |
| 5.0 | 1,217.50 | 5.0 | 3,542.50 |
| 4.0 | 974.00   | 4.0 | 2,834.00 |
| 3.0 | 730.50   | 3.0 | 2,125.50 |
| 2.0 | 487.00   | 2.0 | 1,417.00 |
| 1.0 | 243.50   | 1.0 | 708.50   |
| .5  | 121.75   | .5  | 354.25   |

**Academic Fees.** All students who attend the university pay academic fees assessed by the Board of Regents of the University of Wisconsin System. A non-resident fee is added to the academic fee for non-resident students.

**Registration Deposit.** All students are required to pay a \$100.00 registration deposit before they can be scheduled. This deposit will be applied to the academic fee for the appropriate term.

**Special Course Fees** represent charges in addition to the regular instructional fee and tuition. These fees are charged to students enrolling in certain courses that have been approved for such a fee for materials that represent special or extraordinary cost; for example, art courses dealing with precious metals. All such special course fees are specified for each such course each term in the Timetable.

**Fee Payments.** UW-Whitewater offers two methods to pay fees:

1. **Payment in full.** Students may pay all fees (academic, room, food) in full by the billing due date for advance registrants. If they register after the advance registration process, students should pay in full at the same time they register.
2. **University Installment Credit Plan.** If electing to use the installment plan, students must fulfill the following requirements:
  - a. They must have a signed Installment Credit Agreement and Marital Property Form on file with the University.
  - b. The \$100 registration deposit will become the required down payment for all registrants wishing to participate in the university installment plan. If registering after the advance registration process, students must sign the Installment Credit Agreement



and Marital Property Form, and submit a \$100 down payment before registration. If total charges are less than \$100, students do not qualify for the installment plan and must pay fees in full. The University Timetable contains all billing dates and payment dates for the current term.

c. The balance of the financial obligation plus a FINANCE CHARGE AT AN ANNUAL RATE OF 18% (1 1/2% monthly periodic rate) on balances of \$500 or less and a FINANCE CHARGE AT AN ANNUAL RATE OF 12% (1% monthly periodic rate) on the portion of the balance exceeding \$500 is payable upon receipt (not to exceed 30 days from the billing date). Billing statements are mailed to the student's local address as filed with the Office of the Registrar; however, failure to receive a statement in no way relieves a student from the obligation to make timely payments.

d. Failure to have a signed Installment Credit Agreement and Marital Property Form on file will result in administrative charges of up to \$75 if fees are not paid in full during the registration fee payment process.

**REFUND OF FEES**

The refund schedule for withdrawals applies to class drops as well as complete withdrawal.

Students who enter the military service by enlistment, draft, or otherwise, receive either a full refund or receive course credits for the term depending upon the length of their enrollment in the course. In determining the withdrawal date, the University uses the date students notify the Registrar's Office of the withdrawal; or, if they fail to notify the Registrar and they are otherwise unable to verify the date of the withdrawal, the date of the request for refund is used to determine the amount of the refund.

The following schedule on refunds of academic fees applies to all students withdrawing from the University.

**Refund Schedule For Withdrawals or Drops**

|                           | <b>Week of Session</b> |                    |                    |                    | <b>There-</b>       |
|---------------------------|------------------------|--------------------|--------------------|--------------------|---------------------|
| <b><u>Term Length</u></b> | <b><u>Wk.1</u></b>     | <b><u>Wk.2</u></b> | <b><u>Wk.3</u></b> | <b><u>Wk.4</u></b> | <b><u>after</u></b> |

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 12 wks. & over         | 100% | 100% | 50%  | 50%  | None |
| 8 wks. through 11 wks. | 100% | 50%  | 25%  | None | None |
| 5 wks. through 7 wks.  | 100% | 50%  | None | None |      |
| 3 wks. through 4 wks.  | 100% | 25%  | None | None |      |
| 2 weeks 100%           | None |      |      |      |      |

For sessions of shorter duration, schedule changes accordingly.

## **GENERAL BILLING COLLECTION POLICIES**

The University of Wisconsin-Whitewater requires all students to comply with the following billing policies:

1. The Student Accounts Office will generate billing statements on semester accounts during the following time periods:

**ADVANCE REGISTRATION BILLING** - If students register during the advance registration process, they will be mailed an advance registration billing statement which will allow them to pay their fees in full and/or elect to go on the University Installment Plan.

**FIRST INSTALLMENT BILLING** - Students are required to pay at least 1/2 of their total balance by the due date of this bill.

**LAST INSTALLMENT BILLING** - Students are required to pay the entire remaining balance by the due date of this bill.

Failure to receive a bill will not relieve students from paying by the required due dates.

2. If students have a current semester account that has a balance due after the due date of the last installment billing, they will not be allowed to advance register for the following semester.

3. Students are urged to sign an Installment Credit Agreement and Marital Property Form to avoid the possibility of being assessed additional administrative costs. The costs of additional administrative services will be charged to accounts with balances due unless they are on the installment plan. **IF STUDENTS ARE NOT ON THE INSTALLMENT PLAN, THEIR ACCOUNT MUST BE PAID IN FULL AT ALL**

TIMES. Therefore, if they add any charges to their account, they must pay for them on the same day they are added. This includes any classes added to fill out an incomplete advance registration schedule. Students on the installment plan may add charges without making any payment until the monthly billing due dates.

4. The Installment Credit Agreement will continue on students' accounts unless revoked by the University. Installment Credit Agreements will be included with the advance registration billing. They are also available in the Student Accounts Office.

5. University policy will not allow any deferment of payments. Students must pay the \$100 deposit, sign an Installment Credit Agreement and Marital Property Form and pay according to the installment plan.

6. Students registered for off-campus courses who are not on the installment plan will be charged a \$30 administrative fee if they are not paid in full within two weeks of the week in which the off-campus classes begin. Payments received later than that may result in cancellation of registration.

7. Payments are made at the University Cashier Office. Payments should be made payable to UW-Whitewater. Include the student's name, ID number, and purpose of payment such as "spring term", OR, when paying fees, include the top portion of a billing statement. A depository is available outside the University Cashier Office. Cancelled checks are considered receipts. If a cash register receipt is needed, include a self-addressed, stamped envelope with the payment.

Registrants may mail their payments to:

University Cashier  
P.O. Box 88  
Whitewater, WI 53190-0088

**RETURNED CHECK CHARGE.** A \$20.00 service charge will be assessed on all checks returned by a bank. Any checks returned after the original payment due date will be cause for registrations to be cancelled or an administrative fee assessed. A returned check is considered nonpayment.

Financial aid recipients, including students receiving Federal Direct and Parent Loans, must be prepared to pay the \$100.00 down payment out of personal funds, and sign an Installment Credit Agreement and a Marital Property Form if one is not on file. Financial aid will be disbursed prior to the first day of classes if it is available. Any overpayments (refunds) can be picked up at the Cashier's Office during the first week of classes. After the first week, checks will be mailed. Picture identification is

required to pick up checks. Financial aid checks must be used to pay any remaining balance on students' accounts before refunds will be issued.

Specific information on the amount or type of financial aid checks is privileged and will not be given over the telephone.

## **ACADEMIC SUPPORT CENTERS**

### **TECHNOLOGY AND INFORMATION RESOURCES**

T&IR is the umbrella organization that comprises the four service units outlined below. Working together, these units support the University community to fulfill its mission in teaching, research and outreaching by providing library resources and support for administrative and academic computing, instructional technology, networking, telecommunications, desktop support, and user training.

A brief description of the functions of each unit is as follows:

#### **INFORMATION SYSTEMS AND OPERATIONS SERVICES (ISOS)**

ISOS consults with administrative users and develops, maintains, and implements computer systems that are needed for the University's administrative functions. University databases are designed, implemented and maintained to insure integrity, confidentiality, and effectiveness of information systems. Information Systems and Operations Services provides training and support in the use of administrative systems, and day-to-day operational services.

#### **INSTRUCTIONAL TECHNOLOGY SERVICES (ITS)**

ITS provides a wide array of services to the campus in instructional technology, and academic computing. These include audiovisual and film services, the maintenance of general access computer labs, technical support for the compressed video distance education classroom, multimedia development support for faculty and instructional staff, photographic and graphics services for both instructional and non-instructional needs, and data analysis support. In addition, ITS provides a range of support services for computer labs and classrooms in the colleges.

#### **LIBRARY SERVICES (LS)**

LS provides a variety of print and non-print materials to meet the information needs of students and faculty. Over 1.9 million items are in the library collection, including over 375,000 books, 76,300 bound volumes of periodicals, 335,500 government publications, 1,100,000 microforms, and 8,600 audiovisual titles. The library subscribes to over 2,400 current periodicals, serials, and an extensive array of electronic resources, many of which are web-based full texts. The library also

provides easy Web access to Internet information resources throughout the world. The URL for the library homepage is: <http://library.uww.edu>

### **NETWORKING AND DESKTOP SUPPORT, AND TELECOMMUNICATIONS SERVICES (NDTS)**

NDTS plans, develops, maintains and implements programs and services to meet the needs of the University in voice, data, video and local area networks. In particular, support is provided for Internet access Novell networks, long-distance phone services, electronic mail and, in general, access to network-based information services. NDTS also provides Help Desk services, computing desktop support, and user training for the campus.

### **TEXTBOOKS**

The University provides basic textbooks for undergraduate students on a rental basis. The rental cost is included as a part of the fees students pay for registration each term. Textbooks may be picked up at designated times at the Textbook Rental, located in Moraine Hall. Graduate students are required to purchase their textbooks from the University Bookstore and are not assessed a rental fee. Students can expect to purchase some supplemental books and non-reusable materials such as workbooks and supplies.

### **OTHER LEARNING MATERIALS**

In addition to the wide variety of information available in the library, several other collections of teaching and learning materials are available on campus. Many departments and academic programs have small libraries of periodicals or reference works for use by students, who may receive information at their major department.

The College of Arts and Communication provides a Music Listening Center, MIDI Lab and Art Slide Library, in the Center of the Arts, Room 16. In the Carlson Building, the College of Business and Economics maintains the Beattie Collection of current periodicals and reference works relating to subjects taught in that college.

The Wisconsin Instructional Technology Resource Center (WITRC) is located in the College of Education on the first floor of Winther Hall. The Resource Center contains a state-of-the-art instructional technology software collection and the latest developments in multi-media technology.

Finally, various University offices, for example, Career Services and the University Health and Counseling Services, have collections of information dealing with their functions.

## **RONALD E. MCNAIR POST-BACCALAUREATE ACHIEVEMENT PROGRAM**

The Ronald E. McNair Post-Baccalaureate Achievement Program at the University of Wisconsin-Whitewater is designed to achieve four goals: 1) to introduce undergraduate students from targeted groups to high quality research settings which will help provide educational and professional role models; 2) to create an environment where graduate study is an expectation; 3) to provide academic support and preparation; and, 4) to provide financial support for pre-doctoral study.

The program enrolls fifteen students each year; one-half juniors and one-half seniors. Students are expected to participate in the program for up to two years.

Students participating in the McNair Program will work in a mentoring relationship with a faculty member; participate in seminars addressing graduate school preparation, expectations and opportunities; demonstrate their research ability in independent research projects; and present their research at regional and national conferences.

For further information, please contact the Director of the McNair Program, 219 McCutchan Hall (262-472-2804).

## **LATINO STUDENT PROGRAMS**

The Office of Latino Student Programs promotes the recruitment, retention, and graduation of Latino students. The office strives to retain new and continuing Latino students by helping them develop their academic and critical thinking skills. The office is also engaged in developing and implementing both academic and cultural programs which contribute to students' personal and intellectual development, making the University more knowledgeable concerning Latino culture, and developing closer ties with the Latino community at a local and global level (including Study Abroad opportunities).

Latino Student Programs collaborates closely with other units of Academic Support Services as well as Career Services, the Financial Aid Office, and the departments of Race and Ethnic Cultures and Languages and Literatures, among others, in order to successfully integrate Latino students into university life so that greater numbers can gain access to meaningful information and services.

For further information, contact the Director of Latino Student Programs, 105 McCutchan Hall (262-472-1913).

## **STUDENT RETENTION SERVICES**

The Student Retention Services (SRS) provides a wide range of services and academic

support to students with academic potential who, because of low income, first generation background or physical disability, or poor academic preparation, need a period of time to adjust to the academic and social environment of the University. Students are referred to the program by a variety of sources which include high school counselors, the Admissions Office, as well as faculty and academic staff at UW-Whitewater.

Through its professional counseling staff, SRS helps students to acquire the academic and personal survival skills they need to succeed at UW-Whitewater. SRS counselors offer academic advising, personal, financial aid, and career advising. SRS involves faculty directly in its programs through the Faculty Early Warning System and the Faculty Mentor and Mentee Program. The program provides support for career enhancement activities, academic seminars, and cultural enrichment activities, tutorial support, skills building workshops.

The SRS is primarily funded by a grant from the U.S. Department of Education. To be eligible for the program, students must meet one of the following criteria: come from a low income family, have neither parent or guardian with a bachelor's degree, be physically handicapped, or have a learning disability.

For more information, contact the Director of the Student Retention Services, 119 McCutchan Hall (262-472-1209).

### **MINORITY BUSINESS PROGRAM**

The Minority Business Program (MBP) is designed to increase the recruitment, retention, and graduation rate of ethnic minority students who want to pursue a career in business. MBP provides an array of activities, the purpose of which are to:

- enhance minority high school and college students' awareness of career opportunities in business.
- increase the undergraduate enrollment and graduation of minority students in business majors.
- provide opportunities for minority students to meet with business professionals in order to develop realistic perceptions of what it takes to be successful in the business arena.
- provide academic support in the form of tutoring and counseling for students with such needs.

MBP also identifies students with academic promise to involve them in summer internship experiences.

## **MINORITY TEACHER PREPARATION PROGRAM**

The MTP is a specialized support program, and is a cooperative effort with the College of Education. It is unique in its mission to provide opportunities and educational campus experiences designed to increase the academic success of American ethnic minority students interested in pursuing careers in teacher education.

MTP participants: 1) have exchanges with successful minority educators; 2) interact and develop supportive relationships with other education majors; 3) discuss issues confronting professional educators; and 4) gain insight into the expectations of the education profession.

For more information, contact the Director of the Minority Business and Teacher Preparation Programs, 2008 Carlson Hall (262-472-3216).

## **PROJECT ASSIST PROGRAM**

The Department of Special Education provides a support program specifically for students with learning disabilities at UW-W called Project ASSIST. Services include: strategy instruction, one-to-one tutoring, study skills support, small study groups, testing accommodations, consultation with faculty and staff, and a summer high school to college transition program. The goal of the program is to enable students with learning disabilities to become independent learners by their junior year. In addition, the program networks with a variety of other supportive programs on campus in order to provide comprehensive services to students with learning disabilities.

## **TUTORIAL CENTER**

Tutoring is a customized, student-centered, action-oriented process designed to help all students--full-time and part-time undergraduate and graduate students, and returning adults--who need both short and long-term academic assistance. In meeting these various student needs, the Tutorial Center (TC) has developed those individual and group tutoring approaches which specifically focus on problem solving techniques and intensive subject review sessions. Tutoring has often been thought of as short-term, immediate assistance to overcome one specific problem or trouble spot. Successful students, however, have typically viewed tutoring as a long-term strategy in resolving more complex learning problems including difficult content, as well as organizational techniques, pattern synthesis, and higher level reasoning. Student peer-tutors are hired for the program on the basis of departmental recommendations and personal interviews, and take part in an intensive training program. Tutors are expected not only to know their subject matter well, but also to be able to communicate effectively with students from a wide variety of backgrounds and with varying degrees of knowledge and skill.



Students requesting tutoring represent a cross-section of all students--from those doing very well in classes but who request additional practice and feedback as to their progress, to those individuals who are experiencing major difficulty with content and study procedures and techniques. The TC is equipped to handle all these students with appropriate strategies and confidentiality.

The TC is able to provide tutoring in most basic courses and provides tutoring in many advanced courses, depending upon requests. Tutors are limited, so early registration is recommended.

Registration for tutoring is available from 9:00 a.m. to 9:00 p.m. Monday-Thursday and 9:00 a.m. to 4:30 p.m. Friday in McCutchan Hall. Sessions are available at other times and places by arrangement. To arrange for tutoring, students should contact Student Tutorial Assistance, Room 207 McCutchan Hall (262-472-1230) and request a brochure on the tutoring possibilities which match their needs and expectancies.

## **LEARNING CENTER**

The Learning Center (LC) offers learning alternatives in a lab setting for mathematics, reading, study skills, word processing and writing. Tutors and a variety of materials are available for assisting students. Typically, use of services at the LC is voluntary, individualized, and self-paced as students work on learning strategies and competencies necessary for college success. Students may schedule time in the various labs to work on a specific competency or to develop more generalized strategies for dealing with content areas. For assistance in writing, students may attend free workshops, or they may schedule appointments in the writing lab where they work one-on-one with qualified tutors; also, students may enroll for two credits in English 091, an individualized writing workshop which meets in the writing lab twice a week. IBM computers are available for word processing, and students may schedule lessons in word processing with the LC coordinator. For assistance in math 040 and 041, students may consult tutors on a walk-in basis and view video tapes or use computer software for skill building and practice. For study skills, students may consult with a staff specialist, enroll in "Study/Academic Survival Skills" for three credits, or use computer software covering such subjects as time management, notetaking, concentration, motivation, test-taking, memory, etc. For assistance in reading college-level texts, students may enroll for three credits in "Developmental Reading," or they may consult a reading specialist in the reading lab.

Although most students use services at the LC on a voluntary basis, some students may be referred directly by faculty. In this case, the students work on developing those skills and competencies which have been identified by the faculty members as necessary for success in their classes. The LC, working closely with instructors in Developmental Studies as well as faculty from all colleges and departments, provides

the students with appropriate materials and staff assistance as specified by the faculty member. Both voluntary visits and direct referrals are generally more successful if made before serious problems develop. Students can make appointments either by calling 262-472-1230 or by visiting the LC office in the lower level of McCutchan Hall where additional information and brochures are available. The LC is open 9:00 am to 4:30 pm, Monday through Friday.

### **MINORITY RECRUITING**

One of the primary functions in this area is to recruit ethnic minority students to the UW-Whitewater campus. As an extension of the overall commitment by the University System to increase the enrollment, retention, and graduation of minority students, recruiters contact high schools, community centers, churches, and individual minority community leaders to acquaint them with higher education opportunities for minorities at UW-Whitewater.

Freshman and transfer students entering the University are encouraged to participate in an inclusive array of academic support services. One such program is the Educational Opportunity Program (EOP), which provides services to students who have academic potential, but who may be from low-income families, may be the first students from their family to attend college, or may have a disability (physical or learning). Such students may need a period of time to adjust to the academic and social environment of the University.

Cultural events and student activities for minorities are available on campus. Programs are geared to foster cross-cultural awareness among all students and faculty on campus. Special efforts are made throughout the academic year to encourage full cooperation between activity-oriented bodies to coordinate functions in such a way that the pluralistic society in which we live is reflected in planned campus activities.

For further information, contact the Director of Latino Student Programs at 262-472-1913 or an Assistant Director of Admissions at 262-472-5180.

**ACADEMIC STANDARDS OFFICE** The Academic Standards Office provides counseling and academic assistance to students, particularly those having difficulty meeting retention standards of the University. All student appeals for reinstatement and for extension of any limitation on the academic progression requirements for financial aid are submitted to the Academic Standards Office. The Director is available to provide information on academic policies, financial aid progression policies, and registration procedures, to assist students in selecting courses of study consistent with their personal and career ambitions, and to refer students to other campus offices for academic assistance.

## **CENTER FOR COMMUNICATIVE DISORDERS**

The Center for Communicative Disorders located in Room 1010, Roseman Building, offers diagnostic and therapeutic help with communication problems in the areas of articulation, voice, hearing, language and stuttering. Complete hearing and hearing aid evaluations are available through the audiological facilities of the center. Services are available for both the campus community and general public.

## **NEWS AND PUBLIC AFFAIRS OFFICE**

The Office of News and Public Affairs provides a link between UW-Whitewater and the many people it serves--students, faculty and staff, parents, and the public at-large. It prepares and mails news releases to area newspapers, radio and TV stations about campus events, programs, and the achievements of students, faculty and staff. It also provides news and information about university programs and people available through the UW-Whitewater home page. Students are encouraged to utilize the Office of News and Public Affairs to publicize their achievements, both on and off campus.

## **SPECIAL INTEREST GROUPS**

The University recognizes a large number of special interest groups. A complete directory of all student organizations, their officers, and advisers is available in the Center for Student Involvement and Leadership.

## **SERVICE ORGANIZATIONS**

A wide variety of service organizations exist, providing students with numerous ways to contribute to the campus and community. These organizations include, but are not limited to: Best Buddies, Circle K, Habitat for Humanity, UW-W Student Foundation, Students Organized for Service, and numerous religious and Greek organizations which also offer service projects.

## **LEGAL SERVICES**

The Legal Services Program of the Whitewater Student Government provides free legal advice to students one afternoon per week. Contact the WSG Office, University Center, 262-472-1166, for more information.

## **OFFICER EDUCATION**

The completion of the Army ROTC Program - Leadership, Military Science and Aerospace Studies Department - and a baccalaureate lead to a Commission in the United States Army Reserve.

**ADULT RESOURCE CENTER** The Adult Resource Center (ARC) is located in the University Center and serves all University students. The Center is open Monday through Thursday from 10:00 a.m. to 4:00 p.m. The ARC serves University students in a variety of ways. It's a warm, caring environment staffed by students willing to

answer questions or to get information about other services around campus and in the community. The ARC offers a number of varied, noon-hour focus programs throughout the semester. Focus program themes range from stress management to career planning, and from massage to marriage enrichment. Most of all the ARC is a place for students to drop their bags, put up their feet, take a break from their hectic day and get to know some fellow students. For further information, call 262-472-5786.

### **UNIVERSITY SPIRIT PROGRAM**

Cheerleaders and stuntmen support the athletic teams in action and promote campus spirit. The squads accompany the Warhawks to away games and perform at all home games. Cheerleading try-outs are held in spring for football squad and in fall for basketball and wrestling squad and are open to all interested men and women. Interested students may contact the Club Sports Office, 142 Williams Center, 262-472-1145.

The Pom Pon squad supports Warhawk athletic teams at all home football and basketball games and performs both dance and precision drill routines. Tryouts take place each fall, and students interested may contact Club Sports Office, 142 Williams Center, 262-472-1145.

### **HONORS ORGANIZATIONS**

Phi Kappa Phi is a national honor society open to outstanding students in all curriculums. The local chapter was formally installed in January, 1969. To be eligible for nomination to the society in the junior year, students must be in the upper 5 per cent of their class. In the senior year, students are eligible for nominations for membership if in the upper 10 per cent of their class. The minimum grade point average is 3.50.

Silver Scroll is the local honorary organization for seniors who have achieved a grade point of 3.0 or better and who have demonstrated outstanding leadership and service on the campus. The purpose of this organization is to promote and maintain a high standard of scholarship, to advance a spirit of service, and to encourage leadership among college students.

Blue Key Honor Society is for students who have demonstrated a high level of leadership ability. Blue Key members are nominated by faculty/staff and selected by their fellow students based on character, outstanding ability, and potential deserving of special recognition. Candidates for membership must have a minimum GPA of 3.00 and have junior or senior standing or be a spring semester sophomore.

Golden Key National Honor Society exists to recognize and encourage academic achievement and excellence in all undergraduate fields of study. Membership in the Society is by invitation only to those students who have at least sixty credits with a cumulative grade point average of 3.0 or above. At least twenty-five credits must have been completed at UW-Whitewater. The UW-Whitewater Golden Key National Honor Society involves itself in periodic community service projects and educational programs. For more information contact the Campus Activities and Programs Office.

## **CULTURAL AFFAIRS**

Cultural Affairs brings the best of the world's professional performers to Whitewater, from the Who's "Tommy" to the American Players Theatre, from the BoDeans to the Milwaukee Symphony. Events are planned by the Cultural Affairs Committee, which is made up of students, faculty, and community members.

Tickets for Cultural Affairs events are available to students at a special discount rate. By purchasing a season pass, the price reduction is even greater. All tickets are available at the University Ticket Center or through the ticket outlet at Young Auditorium.

Students of all majors are invited to join the Cultural Affairs Committee to help plan performances, meet the artists, and gain experience in marketing and promotion. Contact Cultural Affairs in the Irvin L. Young Auditorium, phone 262-472-4444.

In the past Cultural Affairs has presented such internationally renowned artists as Maynard Ferguson and Arturo Sandoval. Musicals such as "42nd Street" and "Raisin" have appeared on the Whitewater stage. The list of performances Cultural Affairs has brought to Whitewater is lengthy and includes the Capital Steps, Pieces of 8, the Indianapolis Ballet Theatre, the Dallas Brass and Romeo and Juliet.

The "Party at Irv's" series is a new Cultural Affairs initiative. Music groups such as the Gufs and BoDeans and comedians such as Carrot Top perform. Cultural Affairs invites students to join them and enjoy upcoming shows!

## **IRVIN L. YOUNG AUDITORIUM**

The Irvin L. Young Auditorium serves as host to several performing arts series including the Cultural Affairs Series, the "ILY Presents" (special events) series, as well as the "Horizons" school matinee and evening family programs. These auditorium-sponsored series account for twenty-five to thirty professional performing arts events held in the facility each year. The auditorium is also used for various music department and continuing education-sponsored activities.

The unique design of the Irvin L. Young Auditorium features a graciously appointed auditorium chamber with approximately 1,300 seats, depending on configuration pattern and number of wheelchair seats utilized. Through lighting options and architectural arrangements, the auditorium can also achieve the feeling of warmth and comfortable intimacy of a much smaller space. The clean lines and uncluttered space of the chamber create an unpretentious performing environment in this state-of-the-art facility.

One of the many striking areas is the Fern Young Terrace which offers unparalleled charm guaranteed to enhance any event it houses. The facility's Kachel Center offers flexibility with its sprung hardwood floor. Conferences will find the room appealing for groups of up to 150 or as a space for small groups to meet before returning to the auditorium for larger sessions. Both the Fern Young Terrace and the Kachel Center can serve dual purposes as support spaces to complement auditorium functions or as versatile stand-alone meeting, rehearsal, or reception rooms.

The Young Auditorium provides the students with the opportunity to experience a variety of cultural events. The Auditorium is also available to student groups who may want to present their own activities.

## **EXHIBITIONS**

The University's art gallery is a showcase for the campus. Exhibits have popular student and public appeal. While featuring exhibits of statewide and regional artists, Crossman Gallery also presents work with national and international significance. Experimental and pioneering work also comes from UW-W and UW-System art majors and graduate students. Art faculty present a biennial exhibit of their work. Visit the Crossman Gallery as part of an ongoing education.

## **MUSIC ACTIVITIES**

The Department of Music sponsors a wide variety of performing groups including Concert Choir, University Chorus, Women's Chorale, Class Act, Symphonic Wind Ensemble, Marching Band, Concert Band, Jazz Bands, Percussion Ensemble, Flute Choir, Clarinet Choir, Sax Choir, Early Music Ensemble, Brass Choir and other smaller ensembles. All ensembles sponsored by the department are open by audition to all university students. Students who enjoy singing or playing a musical instrument will appreciate the opportunity to share in the musicianship of these groups. Contact the Music Department office for additional information.

Students who enjoy music will not want to miss the many interesting and exciting concerts given by the campus groups and by the faculty artists. Most of these concerts are free to students and provide a rich and memorable break in the weekly routine.

## **UNIVERSITY THEATRE**

Annually the Department of Theatre/Dance produces seven major shows, a children's play for tour, experimental and one-act plays, and dance productions. These activities provide rich opportunities for students to see a wide range of productions. Students may also participate in the technical aspects of productions and in theatre management, and may audition for roles in any of the productions. Camaraderie through theatre activities will enliven college life; the arts and skills learned will forever enhance students' lives.

## **UNIVERSITY POLICE**

The UW-Whitewater University Police Department is a full-service law enforcement agency providing 24-hour police protection and services to the campus community. The department is staffed by eleven sworn police officers, two part-time police officers and one non-sworn employee.

Part of the mission of the University Police Department is to provide protection of life and property to all persons within the boundaries of the university, to uphold the rights guaranteed under the United States Constitution, and to enforce state laws, codes and UW System regulations in a fair and just manner. The department works towards this goal by conducting investigations into alleged criminal activity, the implementation and presentation of crime prevention programs, development of new and innovative policing programs, effecting arrests, and referring individuals into the criminal justice system or conduct systems.

Anyone requiring the services of the University Police Department can contact them 24 hours a day, seven days a week by phoning 262-472-4660. While an officer is always on duty and can be reached by telephone, business transactions can be conducted in person during office hours of 7:45 am - 4:30 pm, Monday through Friday in Goodhue Hall. Whether the victim of a crime, an injured person, a witness to an incident, someone who wants information or a presentation, or just someone who doesn't know where else to turn, the University Police stand ready to provide the necessary assistance.

## **UNIVERSITY ADVANCEMENT**

The Office of University Advancement includes the UW-Whitewater National Alumni Association, the UW-Whitewater Foundation, and the Office of News and Public Affairs. University Advancement provides a communication link between the university and the media, approximately 57,000 UW-Whitewater alumni, and the public-at-large. The UW-Whitewater Foundation also creates and directs a variety of fund-raising efforts on behalf of UW-Whitewater, its faculty and staff, and its students.

# **SCHOOL OF GRADUATE STUDIES**

## **THE GRADUATE PROGRAM**

The University of Wisconsin-Whitewater is authorized to offer programs leading to the master's degree. Until the early 1960s, UW-Whitewater had only offered undergraduate degrees. In response to societal needs for greater specialization and increased education in the professional work force, graduate programs were initiated at UW-Whitewater in the early 1960's. Since then, UW-Whitewater has granted 10,124 master's degrees. It is presently the fourth largest graduate school in the UW System with 1,078 students enrolled during the spring of 1999.

Master's degree programs are available in accounting, business administration, business education, communication, communicative disorders, curriculum and instruction, educational administration, guidance and counseling, management computer systems, public administration, reading, safety, school business management, school psychology, and special education. An extensive program of evening classes is offered for those who are employed during the day. It is possible to complete master's degree programs through summer and evening work without being a full-time student during the academic year.

Graduate degree programs at UW-Whitewater are fully accredited by the North Central Association, the American Assembly of Collegiate Schools of Business, the American Speech-Language-Hearing Association, the National Association of Schools of Music, the National Council for Accreditation of Teacher Education, and the Wisconsin State Department of Public Instruction.

Seniors may enroll for graduate credit. UW-Whitewater undergraduate students with senior status may be allowed to take at most six graduate credits at UW-Whitewater provided they have completed at least 90 credits with at least a 2.75 overall grade point average (or 2.90 over the last half of their course work) and have the written recommendation of the department chairperson of their undergraduate major. Eligibility for this privilege must be established with the Graduate Office and is not available to seniors at other institutions. Seniors may not use graduate-level credits to satisfy requirements for the bachelor's degree. Undergraduate fees will be charged for their graduate-level work.

## **GRADUATE ASSISTANTSHIPS**

UW-Whitewater has a limited number of graduate assistantships for selected full-time graduate students. To be eligible for consideration, individuals must be enrolled in a



graduate degree program at UW-Whitewater in good standing status. Graduate assistants must register for at least nine graduate credits, but no more than 12 credits, each Fall/Spring Term.

Students receiving full assistantship awards are expected to perform 20 hours of service per week. Workloads for partial awards are reduced proportionately. Duties will involve assignments such as laboratory assistant, research assistant, the preparation of materials for instruction, or other assignments of an academic nature.

The amount of a full assistantship award for the 1998-99 academic year was \$7,783. The award amount for subsequent years is contingent upon funding being appropriated from the Wisconsin State Legislature, and is subject to change. All students who receive at least 2/3 of a full assistantship for an academic year or for one Fall/Spring Term will qualify for fringe benefits (such as health, dental, and life insurance). When funds are available, out-of-state students who receive at least 2/3 of a full assistantship for an academic year or for one Fall/Spring Term will be eligible for a remission of the nonresident portion of tuition costs for the corresponding time period. In addition, the out-of-state portion of the fees may be waived for the summer term if the student received at least 2/3 of a full assistantship award for the preceding spring term. Full-time graduate students who are non-residents and not assigned assistantships are also eligible for special funds set aside for remission of non-resident portions of tuition costs.

New applicants for degree programs must complete and return an application for admission and may apply for a graduate assistantship. Students who have already been admitted to a graduate degree program should submit only an application for a graduate assistantship. Completed application forms should reach the Graduate Office by March 15 of the preceding year for first consideration. Recipients will be notified in writing and issued an employment contract as early as possible.

For information contact the Office of Graduate Studies and Continuing Education, Roseman Building, Room 2015, UW-Whitewater, Whitewater, WI 53190-1790, telephone 262-472-1006.

### **ADVANCED OPPORTUNITY PROGRAM (AOP) AWARDS**

The purpose of AOP is to expand the number of minority/disadvantaged students who receive graduate degrees from UW-Whitewater. To be eligible for an AOP award, individuals must be (1) U.S. citizens or permanent residents at the time of application and (2) members of traditionally under-represented minority groups (Black, Hispanic, American Indian/Alaskan Native or statutorily designated Southeast Asian) or non-minority/disadvantaged students. Individuals who are residents of the State of

Wisconsin and members of the aforementioned minority groups are given highest priority for receiving AOP awards.

The amount of a full AOP award for the 1999-2000 academic year is \$7,000. The award amount for subsequent years is contingent upon funding being appropriated from the Wisconsin State Legislature, and is subject to change. Out-of-state students who receive AOP awards are also eligible for a remission of the nonresident portion of tuition costs for the time period of the award.

Additional information and application forms are available by contacting the Office of the Assistant Vice Chancellor for Academic Support Services, 226 McCutchan Hall, UW-Whitewater, Whitewater, WI 53190-1790. Telephone 262-472-4985.

## **LEADERSHIP AND MILITARY SCIENCE EDUCATION**

Qualified graduate students who are interested in acquiring valuable credentials, financial assistance and career choices should consider enrolling in the Reserve Officers' Training Corps (ROTC) program. The two year program leads to a commission and possible service to the Nation in either the US Army, National Guard or Army Reserves. The courses studied also provide students with the credentials and specialized leadership expertise to be a successful supervisor, manager or administrator and is universally applicable across a broad spectrum of professions. Applications are available from the Department of Leadership, Military Science, and Aerospace Studies, Room 111, Salisbury Hall.

## **AEROSPACE STUDIES EDUCATION**

Graduate students who are interested in pursuing a commission as a second lieutenant in the United States Air Force, while accumulating valuable leadership and management experience should consider participating in the Air Force ROTC program. Air Force officers are employed in a wide range of fields, including flying, logistics, services, medical and advanced technology. The program generally had enough flexibility to accommodate any qualified applicant with at least 2-1/2 years of school remaining. Contact the Department of Leadership, Military Science and Aerospace Studies for more information.

## **CONTINUING EDUCATION**

Approximately twenty percent of the students at UW-Whitewater are 25 years of age or older and are enrolled as full or part-time students in on-campus or off-campus classes. This large group of adults is served by the Office of Continuing Education through the various programs and services described below.

**CREDIT OUTREACH:** Off-campus courses are offered in many communities in southeastern Wisconsin in response to requests received by the Credit Outreach Office and on the basis of survey results. Credit granted by UW-Whitewater for off-campus courses is fully accredited. Students enrolling in off-campus courses are responsible for making certain that such courses meet the requirements of the curriculum in which they are enrolled. If there is a question about a particular course, students should contact the academic adviser or the chairperson of their major department or emphasis area. For an off-campus timetable or additional information about the Credit Outreach Program call 262-472-1100.

### **CORRESPONDENCE COURSES**

(Independent Study): UW-Whitewater does not offer correspondence courses but accepts correspondence course credits offered by the University of Wisconsin-Extension. Students should contact the Admissions Office at 262-472-1440 to determine how correspondence courses will transfer into their programs. Correspondence Course/Independent Study catalogs are available by calling the Credit Outreach Office at 262-472-1100.

**TRAVEL STUDY PROGRAMS:** These travel programs, are usually short sessions (2-4 weeks in length) and are directed by members of the University faculty & staff. In most cases, credit may be earned. Academic requirements may include pre- and post seminars, preliminary study, class work during the tour, and/or subsequent assignments. For information on travel study programs call 262-472-1003.

**SUMMER SESSION:** A twelve-week Summer Session is offered each year with numerous courses and programs of shorter duration. Students may take up to 12 credits during the twelve-week session. Coursework in excess of this maximum load must be approved by the dean of the college of the student's major. For a timetable or information about summer session call 262-472-1100.

**NON-CREDIT ACTIVITIES CONFERENCES, SUMMER CAMPS, WORKSHOPS AND COMMUNITY OUTREACH:** The University has an active non-credit program schedule. Campus facilities can house and feed up to 3,700 persons, depending upon the time of the year. Part of the outreach mission deals with meeting the interests of students and residents of Whitewater and the surrounding communities in southeastern Wisconsin. For information on upcoming programs call 262-472-3165.

### **DISTANCE EDUCATION**

As an alternative to face-to-face instruction in the traditional classroom, students may be able to participate in courses at off-campus sites using one or more of the following

technologies: 1) the Educational Teleconference Network (ETN), a dedicated interactive audio network with 90-100 sites statewide; 2) WisLine, an audio conference calling service using standard phone lines linking sites anywhere in the state or the world; 3) WisView audiographics, a network combining audioconferencing and computer graphics with sites available at most two-year and four-year UW institutions; and 4) Compressed digital video, a UW System interactive video network with sites at all four-year UW institutions.

UW-Whitewater offers a limited number of online courses, primarily at the graduate level. Students need Internet access and a web browser to participate. Hardware and software requirements may vary.

UW-Whitewater distance education courses are listed in our own Outreach Timetable and in the Catalog of Distance Learning, a UW-Extension publication listing all of the distance education courses offered by UW System institutions. Both of these publications are available by calling the Office of Graduate Studies & Continuing Education, Roseman 210, at 262-472-1100 or 1-800-621-5376.

## **UNIVERSITY DEGREE REQUIREMENTS**

To earn a baccalaureate degree from UW-Whitewater, students must successfully complete the following minimum requirements:

1. Proficiency
2. General Education
3. Diversity
4. College or degree or licensure (or a combination thereof)
5. Major with a 2.00 GPA
6. Writing Proficiency in the major
7. Minor with a 2.00 GPA (a minor is mandatory for some major/degree programs and optional for others)
8. One hundred twenty (120) credits
9. A UW-W cumulative GPA of 2.00 on a 4.00 system

It should be noted that several degree/major/minor programs require a GPA higher than 2.00 for admission, retention and graduation. A combined UW-W and transfer GPA may be used to determine the minimum standard for some programs.

Students may earn an Associate of Arts degree by successfully completing a minimum of 60 credits, including proficiency requirements, general education and breadth, specific course, and diversity requirements with a 2.00 UW-W cumulative GPA.

## **GENERAL EDUCATION AND DIVERSITY REQUIREMENTS**

### **PHILOSOPHY OF GENERAL EDUCATION**

General Education is the foundation for all university degrees. It gives breadth and balance to a university degree and defines an educated person. General Education: 1) provides students with the skills and proficiencies needed to succeed academically; 2) exposes students to core knowledge and concepts of the Arts, Humanities, Mathematics, and Natural and Social Sciences; 3) provides a diversity of viewpoints, ensuring that students gain familiarity with the art, literature, philosophy, and institutions of our own and other cultures; 4) hones the students' thinking and communication skills as they confront the complex issues of historical and contemporary times and attempt to understand trends and problems; and 5) encourages students to cultivate new interests so as to engage in lifelong learning.

Education for the professions needs to be built upon this base. University graduates need to see the social and historical context of their chosen profession, so they will understand the reciprocal interaction of profession, society, and daily lives. Career opportunities now and in the future will require individuals who can actively respond to changing work environments, continue to learn and grow, and work cooperatively with people of diverse backgrounds. The broad exposure provided by the general education program facilitates informed career decisions in college and better equips individuals to respond to evolving personal aspirations and changing career opportunities.

### **GOALS OF GENERAL EDUCATION**

The goals of general education are to enable students to:

1. Think critically and analytically, integrate and synthesize knowledge, and draw conclusions from complex information.
2. Make sound ethical and value judgments based on the development of a personal value system, on an understanding of the cultural heritage students share, and a knowledge of past successes, failures, and consequences of individual roles and societal choices.
3. Understand and appreciate the cultures of the U.S.A. and other countries, both contemporary and historical, appreciate cultural diversity, and live responsibly in an interdependent world.

4. Acquire a base of knowledge common to educated persons, the capacity to expand that base over their lifetime by understanding the way that knowledge is generated, organized, tested, and modified, while recognizing the past and current limits to understanding.
5. Communicate effectively in written, oral, and symbolic form with an appreciation of aesthetic and logical considerations in conveying ideas.
6. Understand the natural and physical world, the process by which scientific concepts are developed, tested, and modified, and the reliability and limitations of scientific knowledge.
7. Appreciate the importance of the fine and performing arts.
8. Develop the mathematical and quantitative skills necessary for calculation, analysis, and problem solving and the ability to use a computer when appropriate.
9. Understand the factors and habits that are essential for continual mental and physical health and well being, and evaluate the information and advice offered on these topics.

Students are required to complete the General Education and Diversity Requirements as part of the requirements for graduation. The letter "G" appearing after the course title identifies the course as one that can be used in satisfying the University General Education requirement. The second letter following the "G" identifies the category within General Education in which the course applies. Diversity courses are identified with the appropriate term after the course title.

General Education courses used to satisfy major, minor or curricular requirements are subject to any specific college restrictions on their use for these requirements as detailed in this Catalog.

Students with a strong high school preparation in a given subject area are urged to elect either an advanced course in that area (with departmental approval) or an introductory course in some other area when selecting General Education courses.

The General Education program that went into effect for the Fall 1994 Semester is required for all new freshmen entering UW-Whitewater for the first time in Fall 1994 or later. Transfer students for Fall 1996 or later will be held to these requirements.

**GENERAL EDUCATION DISTRIBUTION REQUIREMENTS:** 50 credits. No more than two courses from any one discipline may be counted in Electives (area 6). If Developmental Studies courses English 090 and/or Math 040, 041 are required, they must be completed before enrolling in the related General Education course. This restriction does not apply to foreign language. Retroactive foreign language credits do not count in General Education.

1. Communication Skills (9 credits including waivers)
  - a. English 680-101 (or waiver) (Proficiency)
  - b. English 680-102 (Proficiency)
  - c. Speech 166-110 (or waiver) (Proficiency)
2. Quantitative and Technical Reasoning (11 credits)
  - a. Math 760-140 or 760-141 (or waiver) (Proficiency)
  - b. INTR 900-150 Science & Technology (Core)

c. 5 credits in lab science courses designated GL (Astronomy, Biology, Chemistry, Geology, Physical Geography, or Physics)
3. Cultural Heritages (9 credits)
  - a. INTR 900-110 World of Arts (Core)
  - b. INTR 900-120 U.S. World Context (Core)
  - c. INTR 900-390 World of Ideas (Core) (Jr Level Course)
4. Communities (6 credits)
  - a. INTR 900-130 Individual and Society (Core)
  - b. INTR 900-140 Global Perspectives (Core)
5. Personal Health and Fitness (1 credit) P Ed 440-192 Personal Health and Fitness
6. Electives (14 credits to bring Gen. Ed. Total to 50 credits); no more than 2 courses from any one discipline may be counted in this area.
- 3-9 credits in Social Science courses designated GS (Anthropology, Economics, Geography, Political Science, Psychology, Sociology or designated Speech courses)
  - a. 0-6 credits in Arts courses designated GA (Elected from Art, Dance, Music, Theatre or designated Speech courses)
  - b. 0-9 credits in Humanities courses designated GH (Elected from the following: English Literature, Foreign Languages, History, Philosophy, Religious Studies or designated Speech courses)
  - c. 0-7 credits in Natural Sciences/Mathematical and Computer Sciences courses designated GL/GM (Elected from Astronomy, Geology, Chemistry, Computer Science, Geology, Mathematics, Physical Geography or Physics)
  - d. 0-9 credits in Ethnic/Women's Studies courses designated GE (Elected from Race and Ethnic Cultures or Women's Studies)
  - e. 0-6 credits in Interdisciplinary courses designated GI (Elected from Liberal Arts or Liberal Arts/Professional Interdisciplinary courses)
  - f. 0-1 credit from Physical Education courses designated GP

**DIVERSITY:** One 3-credit diversity course is required for graduation. Approved courses are identified in the Diversity section following the General Education courses. These courses may also be used to satisfy requirements in other areas,

including General Education. If approved for General Education, a diversity course may be used for the general education distribution requirements.

**WRITING PROFICIENCY:** Students must demonstrate writing proficiency in their major. The department of the major determines the requirement which may be a course within the degree or major requirements, a specified course outside the major, or a writing sample evaluated by the faculty. Check with the chairperson of the major for details. Students pursuing a double major must complete the writing proficiency for only one of the two majors.

**COMPLETION OF REMEDIAL REQUIREMENTS:** Students who are required to take remedial English or Mathematics courses must complete them in their first 30 credits.

**COMPLETION OF PROFICIENCY REQUIREMENTS:** Students should complete the University Proficiency requirements prior to the completion of 60 credits toward graduation.

Students who transfer to UW-Whitewater with 60 or more credits toward graduation should complete the course(s) within their first semester here.

**WAIVER OF SPEECH:** 166-110 is granted upon successfully fulfilling the following two requirements which can be attempted only once by each student:

#### 1. Written Examination

Contact the Testing Center (472-5613) and arrange to take the speech waiver exam during the first two weeks of classes. Results of said exam will be posted at Heide 465 during the following week. A score of 80% correct is required to pass the written examination.

#### 2. Speaking Requirement

After selecting a topic supplied by the speech department, the student will have a minimum of three days to prepare a 5-7 minute persuasive speech. Three members of the speech department will evaluate this speech. If it is decided that the speech is 'B' or better, the student will be waived from Speech 110. Results will be posted the following day at Heide 465.

### **ENGLISH AND MATHEMATICS COURSE PLACEMENT**



All students are required to take an ACT or SAT I test. At UW-Whitewater, English and/or Math course placement is based on ACT/SAT I sub scores:

## **MATHEMATICS**

| ACT/SAT I     | COURSE  |
|---------------|---|
| 24+/570+      | waived from Intermediate Algebra 760-140 or 141 |
| 21-23/530-569 | Math 140 or 141                                 |
| 18-20/460-529 | Math 041  |
| 01-17/460-529 | Math 040 followed by 041                        |

## **ENGLISH**

| ACT/SAT I     | COURSE                                       |
|---------------|--|
| 30+/700+      | English 101 waived, placement in English 102 |
| 18-29/470-699 | English 101                                  |
| 01-17/200-469 | Placement in English 090                     |

Students who took ACT tests prior to September 1989 should contact the Testing Center for an interpretation of their scores.

Students who are waived from Mathematics 141, English 101 and/or Speech 110 have satisfied that General Education proficiency requirement.

Students may not take for credit any course for which they have received a waiver, nor may they take for credit any course in the same department that is a prerequisite for a course that has been waived (e.g., if a student has been waived from Math 143, he may not take Math 141 for credit).

Waiver of any course does not reduce the total number of credits required for graduation.

## **GENERAL EDUCATION COURSES**

The following courses have been approved by the University Curriculum Committee for inclusion in General Education. Changes to this list can occur at any time. A course must be identified as General Education for the term in which it is successfully completed for it to satisfy the requirement. The numbers in ( ) indicate credit levels other than three credits. Some of these courses also satisfy the diversity requirement (reference the diversity courses which follow).

## **PROFICIENCY**

### **ENGLISH**

680-101 Freshman English

680-102 Freshman English

### **SPEECH**

166-110 Fundamentals of Speech

### **MATHEMATICS**

760-140 Mathematical Ideas

760-141 Intermediate Algebra

## **ARTS**

### **General Education Core**

900-110 World of the Arts

### **ART**

110-102 2-Dimensional Design

110-103 3-Dimensional Design

110-121 Basic Art

110-201 Drawing I

110-251 Ceramics I

110-271 Metal and Jewelry I

115-111 Art Appreciation (2)

*All art history courses (115 department number) at the 200 and 300 level.*

### **DANCE**

131-110 Dance Appreciation (2)

131-141 Contemporary Dance Technique I (2)

131-144 Jazz Dance (2)

131-145 Ballet I (2)

131-243 Improvisation/Sound (2)

### **MUSIC**

150-140 Introduction to Classical Music (2)

150-141 History of Popular Music in America (2)

150-143 Survey of American Jazz (2)

150-144 Cultural Music of the Americas

150-244 Native American Music

150-245 Music History I

150-246 Music History II  
150-247 Music History III

### **SPEECH**

166-236 Introduction to Cinema

### **THEATRE**

133-100 Theatre Appreciation (2)  
133-110 Introduction to the Theatre  
133-200 Theatre Activities (1-2)

### **HUMANITIES**

#### **General Education Core**

900-120 U.S. in World Context  
900-390 World of Ideas

### **ENGLISH**

680-200 Chicano Literature: Historical Context and Contemporary Text  
680-201 Contemporary Chicano Literature  
> 680-206 British Literature Survey I  
680-216 British Literature Survey II  
680-226 American Literature Survey  
680-251 Classical Myth and Legend as Sources for Literature  
680-252 The Bible as Literature  
680-256 World Literature I: Ancient Times Through Renaissance  
680-257 World Literature II: Neoclassical Through Modern  
> 680-258 World Literature III: China, India, Japan  
680-263 The Contemporary Novel  
680-264 Women in Literature: A Feminist Re-Evaluation  
680-265 Multicultural Literature of the US  
680-281 Introduction to Language Study

### **SPEECH**

166-240 Public Speaking  
166-359 Rhetoric of the Western World

### **FOREIGN LANGUAGES**

#### **General**

681-101 Beginning Japanese I (2)  
681-102 Beginning Japanese II (2)

681-141 Beginning Chinese (4)  
681-142 Beginning Chinese (4)

### **French**

682-141 Beginning French (4)  
682-142 Beginning French (4)  
682-251 Intermediate French (4)  
682-252 Intermediate French (4)  
682-321 Advance French Language Study  
682-322 Advance French Language Study

### **German**

684-141 Beginning German (4)  
684-142 Beginning German (4)  
684-251 Intermediate German (4)  
684-252 Intermediate German (4)  
684-321 Advance German Language Study  
684-322 Advance German Language Study

### **Spanish**

686-141 Beginning Spanish (4)  
686-142 Beginning Spanish (4)  
686-251 Intermediate Spanish (4)  
686-252 Intermediate Spanish (4)  
686-321 Advanced Spanish Language Study  
686-322 Advanced Spanish Language Study

### **HISTORY**

740-124 American History  
740-130 The East Asian Tradition  
740-131 East Asia Since 1800  
740-140 Intro. Latin American History  
740-141 Modern Black American History  
740-154 Western Civilization  
740-155 History of Modern Europe  
740-300 American Colonial History to 1763  
740-302 From New Nation to Manifest Destiny: American History 1789-1850  
740-304 The Age of Civil War and Reconstruction 1850-1877  
740-307 Recent America, 1945 to Present  
740-315 Women in American History  
740-316 U.S. Social History to 1865  
740-317 U.S. Social History 1865 to Present

740-333 From Newton to the Nuclear Age: History of Western Science since 1600  
740-340 Introduction to African History  
740-342 Early Latin America to 1860  
740-343 Modern Latin America  
740-346 History of Mexico  
740-351 England and the British Empire  
740-352 England and the British Empire  
740-355 Renaissance and the Reformation  
740-362 American Business History

### **PHILOSOPHY**

782-241 Introduction to Philosophy  
782-245 Contemporary Moral Issues  
782-247 Bio-Ethics  
782-251 Logic  
782-261 Introduction to Ethics  
782-271 Introduction to Aesthetics 782-281 Social Philosophy  
782-291 Philosophy of the Natural and Social Sciences  
782-341 Classical Philosophy  
782-342 Modern Philosophy  
782-343 American Philosophy  
782-345 Contemporary Philosophy  
782-365 Philosophy & Religious Aspects of Death & Dying

### **RELIGIOUS STUDIES**

786-201 Introduction to Religious Studies  
786-211 Introduction to Eastern Religions  
786-212 Introduction to Western Religions  
786-252 The Bible as Literature  
786-303 Eastern Religious Thought  
786-330 Women & Religion  
786-351 Religion in American Culture  
786-355 Renaissance and the Reformation

### **NATURAL SCIENCES AND MATHEMATICS**

#### **Laboratory (GL)**

### **ASTRONOMY**

805-112 Introduction to Astronomy (5)

## **BIOLOGY**

630-120 Biological Foundations (5)

630-141 General Botany (5)

630-142 General Zoology (5)

## **CHEMISTRY**

640-100 Chemistry for the Consumer (5)

640-102 Introductory Chemistry (5)

640-104 Introductory Chemistry (5)

## **GEOGRAPHY**

722-210 Physical Geography (5)

## **GEOLOGY**

616-100 Principles of Geology (5)

## **PHYSICS**

800-130 Physical Science Foundations (5)

800-160 General Physics I (4)

800-161 General Physics Laboratory I (1)

800-162 General Physics II (4)

800-163 General Physics Laboratory II (1)

800-170 Introductory Physics I

800-172 Introductory Physics II

800-173 Introductory Physics Laboratory I (1)

800-174 Introductory Physics III

800-175 Introductory Physics Laboratory II (1)

## **Non-Laboratory (GM)**

### **General Education Core**

900-150 Science & Technology in Society

## **ASTRONOMY**

805-114 Descriptive Astronomy

## **BIOLOGY**

630-214 Ecology and Man

630-230 Human Sexuality (1)

630-247 Bio-Ethics

630-360 Human Anatomy and Physiology (1-4)

## **COMPUTER SCIENCE**

765-161 Introduction to Computers  
765-162 Computer Applications  
765-171 Introduction to Programming

## **GEOLOGY**

616-204 Historical Geology  
616-300 Principles of Oceanography

## **MATHEMATICS**

760-111 Mathematics for Elementary Teacher I  
760-143 Finite Mathematics for Business and Social Sciences  
760-152 Elementary Functions (5)  
760-231 Understanding Probability and Statistics  
760-243 Short Calculus for Business and Social Sciences  
760-250 Applied Calculus Survey for Business and the Social Sciences (5)  
760-253 Calculus and Analytic Geometry I (5)

## **PHYSICS**

800-210 Descriptive Physics  
800-240 Physics of Sound and Music

## **SOCIAL SCIENCES**

### **General Education Core**

900-130 Individual and Society  
900-140 Global Perspectives

### **ANTHROPOLOGY**

892-110 Introductory Anthropology  
892-218 Cultural Anthropology  
892-228 Anthropology of Religion  
892-230 Traditional Societies in Change  
892-312 Civilizations and Societies of Latin America  
892-324 Peoples & Cultures of the Pacific  
892-334 Women in Cross-Cultural Perspective

### **ECONOMICS**

230-211 Economic Principles, Problems and Policies  
230-212 Economic Principles, Problems and Policies

## **GEOGRAPHY**

722-250 Geography of Wisconsin

722-252 Human Environmental Problems

722-261 Geography of Canada and the United States of America

## **POLITICAL SCIENCE**

820-141 American Government and Politics

820-217 Ethnic Politics

820-247 Issues and Crises in American Politics

820-250 Introduction to Political Theory

## **PSYCHOLOGY**

840-104 Psychology of Human Adjustment

840-202 Psychology of Women

840-211 Introductory Psychology

## **SOCIOLOGY**

880-250 Social Problems

880-252 Marriage and the Family

880-265 Race Relations

880-270 African American Community

880-276 Introduction to Criminology

880-290 Introduction to Modern East Asian Societies

## **SPEECH**

166-131 Introduction to Mass Communication

166-232 Foundations of Electronic Media

166-325 Psychology of Speech

166-420 Listening Behavior

166-424 Cross Cultural Communication

## **PHYSICAL EDUCATION**

### **HEALTH, PHYSICAL EDUCATION, RECREATION AND COACHING**

440-103 Beginning Archery (1/2)

440-104 Beginning Badminton (1/2)

440-106 Beginning Aerobic Exercise and Dance (1/2)

440-108 Beginning Bowling (1/2)

440-109 Intermediate Bowling (1/2)

440-110 Beginning Jogging (1/2)

440-111 Beginning Physical Fitness Development (1/2)

440-113 Intermediate Aerobics Exercise and Dance (1/2)



440-115 Beginning Fencing (1/2)  
440-120 Beginning Golf (1/2)  
440-121 Intermediate Golf (1/2)  
440-125 Beginning Paddleball (1/2)  
440-141 Beginning Yoga (1/2)  
440-142 Intermediate Yoga (1/2)  
440-143 Beginning Folk Dance (1/2)  
440-144 Beginning Social Dance Classic (1/2)  
440-147 Beginning Social Dance (1/2) (Latin & Midwestern)  
440-150 Swimming I (Beginning) (1/2)  
440-151 Swimming II (Intermediate) (1/2)  
440-152 Swimming III (1/2) (Advanced Intermediate)  
440-158 Beginning Skin and Scuba Diving (1)  
440-159 Beginning Canoeing (1)  
440-160 Beginning Tennis (1/2)  
440-161 Intermediate Tennis (1/2)  
440-166 Beginning Volleyball (Power) (1/2)  
440-167 Beginning Weight Training (1/2)  
440-168 Intermediate Volleyball (1/2)  
440-170 Beginning Self Defense (1/2)  
440-173 Beginning Sport Judo (1/2)  
440-175 Beginning Tae Kwon Do: Karate (1/2)  
440-176 Intermediate Tae Kwon Do Karate (1/2)  
440-180 Open Water Scuba "Check-Out Dives" (1)  
440-183 Exercisewalking (1/2)  
440-186 Beginning Orienteering (1/2)  
440-187 Military Conditioning I (1)  
440-190 Swim For Fitness (1/2)  
440-192 Personal Health and Fitness for Life (1)  
442-251 Water Safety Instructor Training  
442-291 Lifeguard Training (2)

## **LEADERSHIP, MILITARY SCIENCE AND AEROSPACE STUDIES**

450-122 Beginning Orienteering (1/2)  
450-123 Beginning Mountaineering/Rappelling (1/2)

## **RACE AND ETHNIC CULTURES OR WOMEN'S STUDIES**

### **RACE and ETHNIC STUDIES**

610-217 Ethnic Politics

## **AFRICAN AMERICAN STUDIES**

614-100 Introduction to Black Culture  
614-141 Modern Black American History  
614-270 African American Community  
614-320 A History of Black Migration in the United States  
614-396 Current Issues in Black Studies: Social & Behavioral Sciences  
614-397 Current Issues in Black Studies: Humanities

## **CHICANO STUDIES**

615-150 Introduction to Chicano Studies  
615-200 Chicano Literature: Historical Context and Contemporary Text  
615-201 Contemporary Chicano Literature  
> 615-310 History of Chicanos in the U.S.: 19th Century Roots and 20th Century Development  
615-320 Politics of the Chicano  
615-330 Chicano and Latino American Thought

## **WOMEN'S STUDIES**

890-100 Introduction to Women's Studies  
890-240 Women and Work  
890-250 Women in American Culture  
890-370 Women: Race and Ethnicity

## **INTERDISCIPLINARY**

940-244 Consumers and Culture  
940-246 Business Ethics

## **DIVERSITY COURSE OPTIONS**

The courses listed also count in General Education unless identified with an asterisk (\*).

## **AFRICAN AMERICAN STUDIES**

614-100 Introduction to Black Culture  
614-141 Modern Black American History  
614-270 African American Community  
614-320 A History of Black Migration in the United States  
614-360\* Black Political and Social Thought  
614-396 Current Issues in Black Studies: Social & Behavioral Science  
614-397 Current Issues in Black Studies: Humanities  
614-470\* African American Family

## **AMERICAN INDIAN STUDIES**

611-102\* Introduction to American Indian Studies

## **ART**

115-308/508 Survey of African Art

## **CHICANO STUDIES**

615-200 Chicano Literature: Historical Context & Contemporary Text

615-201 Contemporary Chicano Literature

> 615-310 History in the US: 19th Century Roots & 20th Century Development

615-320 Politics of the Chicano

615-330 Chicano and Latino American Thought

## **EDUCATIONAL FOUNDATIONS**

420-243\* Education in a Pluralistic Society

## **ENGLISH**

680-200 Chicano Literature: Historical Context & Contemporary Text

680-201 Contemporary Chicano Literature

> 680-265 Multicultural Literature of the U.S.

680-345\* Afro-American Literature, 1800 to Present

680-368\* American Minority Women Writers

## **GEOGRAPHY**

722-430\* Geography of Race and Ethnicity in the United States

## **HISTORY**

740-141 Modern Black American History

740-324 American Indian History

## **MUSIC**

150-144 Cultural Music of the Americas

150-244 Native American Music

## **POLITICAL SCIENCE**

820-217 Ethnic Politics

## **RACE AND ETHNIC CULTURES**

610-217 Ethnic Politics

610-380\* Race, Ethnicity, and Social Justice: Issues for Helping Professionals

610-368\* American Minority Women Writers

## **SOCIAL WORK**

860-380\* Race, Ethnicity, and Social Justice: Issues for Helping Professionals

## **SOCIOLOGY**

880-265 Race Relations

880-270 African American Community

880-459\* Sociology of Minorities

880-470\* African American Family

## **SPEECH**

166-424 Cross Cultural Communication

## **WOMEN'S STUDIES**

890-370 Women: Race and Ethnicity

\* Not General Education Courses

## **ACADEMIC PROGRAM ARRAY**

The complete array of all undergraduate programs available at this university is listed on these pages. Each degree is composed of a package of courses which include the General Education, the specific College degree requirements, writing competency, diversity, the major requirements, the minor requirements (when necessary) and any other unique requirements specific to each major. A minimum of 120 credits is required although some programs require more than the minimum and each program has a designated minimum grade point average requirement. To graduate a 2.0 ("C") UW-Whitewater cumulative grade point average is required as well as a 2.0 combined GPA in the major and the minor; however, many programs require higher grade point averages for admission to and graduation from the program. Each of these is detailed in the college and department sections.

## **ACADEMIC YEAR REQUIREMENTS**

Students are responsible for meeting all degree requirements in effect at the University of Wisconsin-Whitewater at the time of the declaration of their current major unless they interrupt their attendance at Whitewater by an absence of four or more consecutive academic terms (including Summer School), in which case upon re-entry they will be subject to the requirements in effect at that time.

Therefore, as students enter the University, an academic year is assigned to their record. They will be held to that set of degree requirements for graduation unless they change majors. Although the University Catalog is published every two years, academic year requirements will be monitored on a year-by-year basis. Students entering the University for the first time in a Summer Session will be held to the requirements for the following academic year. New students registering for Fall Term will be held to the curricular changes approved the preceding academic year. If a department or college curricular change is made retroactive (due to unusual circumstances), the responsibility is then assumed by the unit making the change to notify all students affected by that change in a timely manner. Students have the option of requesting a more current set of academic requirements at any time by reporting to their advising location. However, it is not possible to satisfy an earlier set of requirements without permission from the dean of the college of the major. The academic year on students' records will be updated automatically as part of the change of major process. All subsequent APRs will reflect the later set of requirements, if the requirements have changed since initial entry into the University.

## **CURRICULUM/DEGREE**

AA-Associate of Arts

BA-Bachelor of Arts

Arts and Communication

Liberal Arts

Education

BBA-Bachelor of Business Administration

BFA-Bachelor of Fine Arts

BM-Bachelor of Music

BS-Bachelor of Science

Arts and Communication

Liberal Arts

Education

## BSE-Bachelor of Science-Education

Business Education

Elementary Education

Secondary Education

Special Education

## Pre-Professional Programs

Chiropractic

Dentistry

Engineering

Law

Medicine

Optometry

Pharmacy

Veterinary Medicine

## MAJORS/EMPHASES

(Emphasis areas are indented)

### TITLE

### DEGREE

**ACCOUNTING**

BBA

**ART**

ART

BA

ART GRAPHIC DESIGN

BA

ART LICENSURE

BA

ART HISTORY

BA

FINE ARTS

BFA

|                          |     |
|--------------------------|-----|
| FINE ARTS LICENSURE      | BFA |
| FINE ARTS GRAPHIC DESIGN | BFA |

|                      |     |
|----------------------|-----|
| <b>ART EDUCATION</b> | BSE |
|----------------------|-----|

### **BIOLOGY**

|                                 |           |
|---------------------------------|-----------|
| GENERAL BIOLOGY                 | BA/BS/BSE |
| CELL/PHYSIOLOGY                 | BA/BS/BSE |
| ECOLOGY/FIELD                   | BA/BS/BSE |
| EARLY ENTRANCE PRE-PROFESSIONAL | BS        |

### **BUSINESS EDUCATION**

|                            |     |
|----------------------------|-----|
| BUSINESS ED                | BSE |
| MARKETING EDUCATION        | BSE |
| MARKETING ED COMPREHENSIVE | BSE |

### **CHEMISTRY**

|                     |       |
|---------------------|-------|
| CHEMISTRY           | BA/BS |
| CHEMISTRY EDUCATION | BSE   |

### **COMMUNICATIVE DISORDERS**

|                         |       |
|-------------------------|-------|
| COMMUNICATIVE DIS EDUC  | BSE   |
| COMMUNICATIVE DISORDERS | BA/BS |

### **COMPUTER END-USER TECHNOLOGIES**

BBA

### **ECONOMICS**

|                     |       |
|---------------------|-------|
| ECONOMICS L&S       | BA/BS |
| ECONOMICS           | BBA   |
| ECONOMICS EDUCATION | BSE   |

### **ELEMENTARY EDUCATION**

|                      |     |
|----------------------|-----|
| PRE-KINDERGARTEN - 6 | BSE |
| ELEMENTARY/MIDDLE    | BSE |

### **ENGLISH**

|                           |       |
|---------------------------|-------|
| ENGLISH                   | BA/BS |
| ENGLISH EDUCATION         | BSE   |
| ENGLISH WRITING           | BA/BS |
| ENGLISH WRITING-EDUCATION | BSE   |

**FINANCE**

|                    |     |
|--------------------|-----|
| FINANCE            | BBA |
| FINANCIAL PLANNING | BBA |
| INSURANCE          | BBA |
| REAL ESTATE        | BBA |

**FRENCH** BA/BS/BSE**GENERAL BUSINESS**

|                  |     |
|------------------|-----|
| ENTREPRENEURSHIP | BBA |
| GENERAL          | BBA |
| INTERNATIONAL    | BBA |

**GENERAL MANAGEMENT** BBA**GENERAL SCIENCE-BROADFIELD**

|                  |     |
|------------------|-----|
| BIOLOGY          | BSE |
| CHEMISTRY        | BSE |
| EARTH SCIENCE    | BSE |
| PHYSICAL SCIENCE | BSE |
| PHYSICS          | BSE |

**GEOGRAPHY**

|                        |       |
|------------------------|-------|
| GEOGRAPHY              | BA/BS |
| GEOGRAPHY EDUCATION    | BSE   |
| INTERNATIONAL/REGIONAL | BA/BS |
| TECHNIQUE              | BA/BS |
| PHYSICAL/ENVIRONMENTAL | BA/BS |
| URBAN/AREA DEVELOPMENT | BA/BS |

**GERMAN** BA/BS/BSE**HISTORY**

|                     |       |
|---------------------|-------|
| HISTORY             | BA/BS |
| SECONDARY EDUCATION | BSE   |

**HUMAN RESOURCE MANAGEMENT**

|         |     |
|---------|-----|
| GENERAL | BBA |
|---------|-----|

**INDIVIDUALLY DESIGNED**



|                       |       |
|-----------------------|-------|
| WITH A MINOR (A&C)    | BA    |
| WITHOUT A MINOR (A&C) | BA    |
| WITH A MINOR (L&S)    | BA/BS |
| WITHOUT A MINOR (L&S) | BA/BS |

**INTERNATIONAL STUDIES** BA/BS

**JOURNALISM**

|                   |           |
|-------------------|-----------|
| ADVERTISING BA/BS | BA/BS     |
| BROADCAST         | BA/BS/BSE |
| PRINT             | BA/BS/BSE |

**LIBERAL STUDIES**

|                 |       |
|-----------------|-------|
| WITH A MINOR    | BA/BS |
| WITHOUT A MINOR | BA/BS |

**MANAGEMENT COMPUTER SYSTEMS**

|                       |     |
|-----------------------|-----|
| MGNT COMPUTER SYSTEMS | BBA |
| WITH A MINOR          | BS  |
| WITHOUT A MINOR       | BS  |

**MARKETING** BBA

**MATHEMATICS**

|                       |       |
|-----------------------|-------|
| PURE MATHEMATICS      | BA/BS |
| SPACE MATHEMATICS     | BA/BS |
| MATH STATISTICS       | BA/BS |
| MATHEMATICS EDUCATION | BSE   |

**MUSIC**

|                       |    |
|-----------------------|----|
| MUSIC BA              | BA |
| MUSIC ED CHORAL       | BM |
| MUSIC ED GENERAL      | BM |
| MUSIC ED INSTRUMENTAL | BM |
| PERFORMANCE           | BM |
| THEORY/HISTORY        | BM |

**OCCUPATIONAL SAFETY** BSE

**\*Computer End-User Technologies** BBA

**PHYSICAL EDUCATION**

|                    |     |
|--------------------|-----|
| K-9                | BSE |
| K-12               | BSE |
| K-12 NON-LICENSURE | BSE |

**PHYSICS**

|                   |       |
|-------------------|-------|
| GRADUATE SCHOOL   | BA/BS |
| INDUSTRY          | BA/BS |
| PHYSICS EDUCATION | BSE   |

**POLITICAL SCIENCE**

|                             |       |
|-----------------------------|-------|
| POLITICAL SCIENCE           | BA/BS |
| POLITICAL SCIENCE EDUCATION | BSE   |

**PRODUCTION OPERATIONS MANAGEMENT BSE**

**PSYCHOLOGY**

|                      |       |
|----------------------|-------|
| PSYCHOLOGY           | BA/BS |
| PSYCHOLOGY EDUCATION | BSE   |

**PUBLIC POLICY & ADMINISTRATION BS**

**SOCIAL STUDIES-BROADFIELD**

|                          |     |
|--------------------------|-----|
| ECONOMICS OPTION I       | BSE |
| ECONOMICS OPTION II      | BSE |
| GEOGRAPHY OPTION I       | BSE |
| GEOGRAPHY OPTION II      | BSE |
| HISTORY OPTION I         | BSE |
| HISTORY OPTION II        | BSE |
| POLITICAL SCIENCE OPT I  | BSE |
| POLITICAL SCIENCE OPT II | BSE |
| PSYCHOLOGY OPTION I      | BSE |
| PSYCHOLOGY OPTION II     | BSE |
| SOCIOLOGY OPTION I       | BSE |
| SOCIOLOGY OPTION II      | BSE |

**SOCIAL WORK BA/BS**

**SOCIOLOGY**

|                     |       |
|---------------------|-------|
| CRIMINAL JUSTICE    | BA/BS |
| SOCIOLOGY           | BA/BS |
| SOCIOLOGY EDUCATION | BSE   |

**SPANISH** BA/BS/BSE

**SPECIAL EDUCATION**

|                                  |     |
|----------------------------------|-----|
| EARLY CHILDHOOD                  | BSE |
| EMOTIONAL/BEH DISORDERS K-9      | BSE |
| EMOTIONAL/BEH DISORDERS 6-12     | BSE |
| LEARNING DISABILITIES K-9        | BSE |
| LEARNING DISABILITIES 6-12       | BSE |
| COGNITIVE DISABILITIES ELEMTRY   | BSE |
| COGNITIVE DISABILITIES SECONDARY | BSE |

**SPEECH**

|                              |       |
|------------------------------|-------|
| ELECTRONIC MEDIA             | BA/BS |
| ORGANIZATIONAL COMMUNICATION | BA/BS |
| PUBLIC COMMUNICATION         | BA/BS |
| PUBLIC RELATIONS             | BA/BS |

**THEATRE**

|                      |     |
|----------------------|-----|
| DESIGN/TECHNOLOGY    | BFA |
| MANAGEMENT/PROMOTION | BFA |
| PERFORMANCE          | BFA |
| THEATRE EDUCATION    | BSE |
| WITH A MINOR         | BA  |

**WOMEN'S STUDIES** BA/BS

**MINORS/EMPHASES**

(Emphasis areas are indented)

**ADVERTISING**

**ART**

ART  
ART STUDIO

**ART HISTORY**

**ARTS MANAGEMENT**

**ASIAN STUDIES**

**BILINGUAL/BICULTURAL**

**BIOLOGY**

BIOLOGY  
BIOLOGY EDUCATION

**BUSINESS STUDIES**

ACCOUNTING  
BUSINESS LAW  
COMPUTER END USER TECHNOLOGIES  
FINANCE  
GENERAL BUSINESS  
MANAGEMENT GENERAL  
MANAGEMENT HUMAN RESOURCE  
MANAGEMENT PRODUCTION  
MARKETING

**CHEMISTRY**

**COACHING**

COACHING  
EDUCATION

**COMMUNICATIVE DISORDERS**

**COMPUTER SCIENCE**

COMPUTER SCIENCE  
COMPUTER SCIENCE EDUCATION

**CRIMINAL JUSTICE**

**DANCE**

DANCE  
SECONDARY EDUCATION

**ECONOMICS**

ECONOMICS L&S  
SECONDARY EDUCATION

**ENGLISH**

ENGLISH  
ENGLISH EDUCATION  
ENGLISH WRITING  
ENGLISH WRITING-EDUCATION

**FRENCH**

FRENCH  
FRENCH EDUCATION

**GENERAL SCIENCE****GEOGRAPHY**

GEOGRAPHY  
GEOGRAPHY-ELEMENTARY

**GEOLOGY****GERMAN**

GERMAN  
GERMAN EDUCATION

**GERONTOLOGY****HEALTH**

HEALTH  
HEALTH EDUCATION

**HISTORY**

HISTORY  
HISTORY-ELEMENTARY  
HISTORY-SECONDARY

**INDIVIDUALIZED (A&C)****INDIVIDUALIZED (L&S)****INTERNATIONAL STUDIES****JOURNALISM****LATIN AMERICAN STUDIES**

**LEADERSHIP & MILITARY SCIENCE**

**LEGAL STUDIES**

**LIBRARY-MEDIA**

K-12  
PUBLIC-SPECIAL

**MATHEMATICS**

MATHEMATICS  
MATHEMATICS-ELEMENTARY  
MATHEMATICS-SECONDARY

**MUSIC**

**PHILOSOPHY**

PHILOSOPHY  
PHILOSOPHY EDUCATION

**PHYSICAL SCIENCE**

**PHYSICS**

PHYSICS  
SECONDARY EDUCATION

**POLITICAL SCIENCE**

POLITICAL SCIENCE  
SECONDARY EDUCATION

**PSYCHOLOGY**

BUSINESS  
PSYCHOLOGY  
SECONDARY EDUCATION

**PUBLIC ADMINISTRATION**

**RACE AND ETHNIC CULTURES**

**RECREATION LEISURE STUDIES**

EDUCATION  
LETTERS AND SCIENCES

## **SAFETY STUDIES**

INSTITUTIONAL SAFETY  
LETTERS AND SCIENCES  
OCCUPATIONAL SAFETY  
TRAFFIC SAFETY

## **SOCIAL STUDIES-ELEMENTARY**

## **SOCIOLOGY**

## **SPANISH**

SPANISH  
SPANISH-EDUCATION

## **SPECIAL EDUCATION (NON-LICENSURE)**

## **SPEECH**

ELEMENTARY EDUCATION  
GENERAL  
PUBLIC RELATIONS  
SECONDARY EDUCATION

## **TEACHING ESL FOR ADULTS**

## **TEACHING ESL FOR K-12**

## **THEATRE**

THEATRE  
THEATRE EDUCATION

## **URBAN AND AREA DEVELOPMENT**

## **WOMEN'S STUDIES**

# **COURSE LISTINGS**

Courses are listed numerically by subject area.

The Course Numbering System Key designates courses by six digits. The first three numbers refer to an internal university numbering system that designates the department/subject area and subdiscipline within that area. The second set of three

numbers refers to the specific course within the subject area. The department numbers may be replaced during the two year period this catalog is in effect. In anticipation of this change the conversion from a department number to an alphabetic truncated name is provided prior to each department listing of course descriptions. For example, in the designation 150-143, the 150 refers to the subject area, Music, and 143 refers to the specific course, Survey of American Jazz.

In any reference to a specific course, the full set of six numbers should always be used.

Course numbers 000-099 are courses that carry no credit towards the degree requirements; courses numbered 100-299 are lower division courses. Courses numbered 300-499 are upper division courses which may be dual listed as 500-699 for graduate credit. It is recommended that entering freshmen not enroll in any of these courses without specific department approval. Courses at the 700 level are open only to graduate students.

A course number may occasionally have a letter suffix to designate that it is open only to students with a specific educational background preparation.

The letter "G" appearing after the course title identifies the course as one that can be used in satisfying the University General Education requirement. The second letter following the "G" identifies the category within General Education in which the course applies. Proficiency and diversity courses are identified with the appropriate symbol after the course title.

## **SPECIAL COURSES**

These courses are available on a selected basis through most of the academic departments. The course descriptions are common to all departments. However, the prerequisites and the number of credits permitted in certain programs may differ. Note the limitation of credits for degree/programs identified in the Bulletin.

### **490 WORKSHOP**

Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Workshops have as their primary goal the imparting of either a specialized knowledge base regarding an instructional strategy or method or a specific skill. Presentations which are more broadly based in content or which emphasize intensive study and/or research procedures are not to be offered under a workshop number or title.



### **491 TRAVEL STUDY**

A planned and directed group excursion involving extensive academically-focused travel, usually conducted in a foreign country.

### **494 SEMINAR**

Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

### **496 SPECIAL STUDIES**

Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

### **498 INDEPENDENT STUDY**

Individual activity in an area of special interest for a variable number of credits under the sponsorship and guidance of a faculty member.

### **ABBREVIATIONS**

Class Standing

fr - freshman

soph - sophomore

jr - junior

sr - senior

grad st - graduate standing

cons instr - consent of instructor

cons dept chp - consent of department chairperson

cr - credit

\*cr - credit to be arranged

equiv - equivalent

G - designates a course that can be used in satisfying General Education. The letter following the "G" designates the category within General Education in which the course applies.

A - Arts

E - Ethnic Cultures or Women's Studies

H - Humanities

I - Interdisciplinary

L - Laboratory Natural Sciences

M - Math and Natural Sciences (non-lab)

P - Physical Education

S - Social Sciences

hr - hour(s)

intro - introductory

req - requirement

**Requisites:**

Coreq: - Corequisite - A course which must be completed prior to, or concurrent with, registration for the specified course.

Coreq link: - Corequisite Link - A course which must be taken in the same term as the specified course. Registration will not be completed unless both are requested.

Prereq: - Prerequisite - A requirement that must be satisfied before registering for the course.

Unreq: - Unrequisite - A course for which credit cannot be earned because the content overlaps with the specified course.

yr - year

Some courses carry different credits at the undergraduate and graduate levels. In those cases the undergraduate credits are listed first followed by the graduate credit in parenthesis, e.g. 3 cr. (2 cr.)

Information about auxiliary aids and academic course adjustments for qualified disabled individuals are available through the department chairperson.

## **SUBJECT AREA NUMBERING SYSTEM**

The first three numbers of the course designate both the department involved and any subdiscipline subject area within the department. Because students will need to refer to courses by subject area, the numbering system is listed below, first alphabetically by subject area, and then numerically.

The 100 series represent work in the College of Arts and Communication; the 200 series the College of Business and Economics; the 400-500 series the College of Education; the 600-800 series the College of Letters and Sciences; the 900 series interdisciplinary courses.

## **COLLEGE OF ARTS AND COMMUNICATION**

*Phone:* 262-472-1221

*E-Mail:* artscom@uwwvax.uww.edu

John Hajdu Heyer, Dean  
Richard Haven, Associate Dean

### **DEPARTMENT CHAIRPERSONS**

Art: Robert Mertens

Communication (Journalism and Speech): Barbara Monfils

Music: John Webb

Theatre and Dance: Linda Hurstad

The College of Arts and Communication offers opportunities for expanding creative talents and aesthetic awareness, and for developing communication skills and understanding of the mass media in today's society. Students in the College acquire these skills and understandings through course work and participation in varied college activities.

Students are invited to attend plays, concerts, and exhibits, to audition for roles in the theatre productions, to participate in musical ensembles and to gain first-hand experience in areas of radio, television, film and print media. Many opportunities are available to volunteer and gain valuable experience. Involvement in the arts and communication fields will enrich the total college life.

If students choose to take courses in the arts and communication, they will be encouraged to discover and develop their talents. Their work with faculty will enable them to reach creative and analytical goals and to develop the perceptions, production skills and reflective dispositions which characterize professionals in their chosen discipline. Students in the College find a wide range of possibilities for participation in addition to opportunities to specialize in areas of particular interest. The production studios, rehearsal rooms, stages and media labs are busy and congenial places at all hours.

Students in Communication make use of a number of facilities and programs. Cable 6, the on-campus TV station, provides opportunities for experience in television production, direction and performance. Radio broadcasting facilities are available at WSUW, the campus radio station. The Journalism program offers opportunities to work on the Royal Purple, the student newspaper, as well as several computer labs, and a journalism reading room. Students in Art, Music, Theatre and Dance take advantage of the facilities in the Center of the Arts, including carefully designed and fully equipped studios, computer labs, shops and rehearsal rooms for artists, dancers, musicians, actors and theatre technicians. The Crossman Gallery, the Barnett and Hicklin Studio Theatres, and the Recital Hall provide beautiful settings for students' exhibitions, theatre performances, dances, or music concerts. A number of interdisciplinary programs allow students in the college to interact and collaborate on professional projects. The adjacent new Young Auditorium is an acoustically excellent performance facility with 1300 seats.

## **PROGRAMS IN ARTS AND COMMUNICATION**

Students may prepare for a variety of careers through majoring or minoring in arts and communication, either preparing to be a practicing artist or communicator or in using those talents and skills in a variety of settings in business, education, non-profit organizations, the media, government, and other areas. Majors are available in: art (studio, graphics, art history), art education, journalism (print, broadcast and advertising), music, music education, speech communication (public relations, electronic media, organizational and public communication), and theatre, and theatre education. For students whose career preparation cannot be met in a single department in the college, an individually designed major or minor is available. Other minors are: advertising, art, art history, art studio, arts management, dance, journalism, music,

public relations, speech communication, speech elementary, speech secondary, and theatre.

Students are encouraged to work closely with their adviser to make the best choices for their personal and career goals from the wide array of course possibilities available. Graduates from the college have an excellent placement rate, moving into employment opportunities that use their well-developed talents and skills.

## **DEPARTMENTAL ORGANIZATIONS AND ACTIVITIES**

The departments of the College sponsor a wide variety of organizations and activities in which students participate.

### **ART**

The Student Art Association provides both professional and social activities for its members. Membership is open to all students enrolled in art or art education programs.

The Student Design Association, organized in 1992, accommodates the professional interests of students in the graphic design field. The organization sponsors opportunities to interact with professionals in graphic design and provides a forum for students to discuss techniques and skills involved in the design process.

### **COMMUNICATION**

UW-W's student chapter of the National Broadcasting Society (AERho) is dedicated to providing pre-professional experience and contact with broadcast and cable industry professionals.

The Public Relations Student Society of America (PRSSA) is the student organization specifically for public relations students. The organization provides students with opportunities to use their writing and speaking skills, to build their leadership skills, to network with professionals, to attend workshops and conferences, to compete in case studies, and to make new friends.

The Royal Purple, an independent student newspaper, offers student journalists opportunities in writing, editing, sales, photography, layout, and management.

The University-Community Chorus is a large choir dedicated to performing the great choral masterworks. At least one concert is performed each semester. Membership is open to singers from campus and community. Auditions are not required.

The Women's Chorale performs choral works written for female voices. It is open to singers by auditions held at the first of each term. Concerts are given several times a year on campus.

Class Act, the jazz/show choir, sings many styles of popular music in concerts both on and off campus. It is open to all students by audition.

Instrumental ensembles give instrumentalists an opportunity to perform a wide variety of ensemble literature and are open to all students by audition. Ensembles include Jazz Combos, Brass Choir, Flute Choir, Clarinet Choir, and Percussion Ensemble. Small instrumental chamber music groups are also formed each year.

## **THEATRE AND DANCE**

The Department of Theatre/Dance presents an extensive program of one-act and full-length plays directed by students in addition to the four mainstage productions directed by the faculty during the academic year. All University students are eligible for participation in acting, makeup, costuming, lighting, sound, stagecraft, and theatre management. Students are urged to note announcements for tryouts.

The University Players offer extracurricular experience in theatre and fellowship for all students interested in theatre production. Members direct student productions and studio performances.

Summer Theatre: The Department of Theatre/Dance produces three plays in June, and July "in the round" in the Center of the Arts. All students and interested persons in the community are invited to tryout for roles or to participate in other aspects of production. Participants may earn from 1 to 6 credits by enrolling in the appropriate practicum course.

Children's Theatre/Touring Theatre: A play designed for children and family audiences is toured annually to elementary schools and public theatres in Wisconsin and northern Illinois.

Contemporary Dance: The annual dance concert is open to all students who demonstrate proficiency in dance. Men and women are invited to audition. It is presented each spring, featuring student performers and choreography by both faculty and students.

## **PROFESSIONAL FRATERNITIES**

Delta Omicron: A professional fraternity for women and a charter member of the Professional Panhellenic Association, Delta Omicron's membership is made up of music majors interested in service to the musical community. Members usher for all activities sponsored by the Music Department and present at least one recital each year. Pledges are accepted in the spring and the fall, with scholarship and musicianship as the main requirements.

Phi Mu Alpha Sinfonia: This professional music fraternity for men was established on this campus in December 1966. Its purpose is to promote musical performance and wide participation in all types of worthwhile musical activity. It is open to all men on the campus who show an active interest in music.

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Society for Professional Journalists provides opportunities for interacting with practicing journalists and being introduced to the issues which the media confront.

Advertising Development Society provides opportunities for advertising majors and minors to explore the advertising profession and interact with professionals in the field.

Wisconsin Alpha Chapter of the National Association of Parliamentarians is the first student chapter recognized by the NAP. It provides service opportunities and further parliamentary training.

Society of Organizational Communication was organized to provide a forum for students interested in organizational communication.

## **MUSIC**



The campus chapter of the Collegiate Music Educators National Conference (CMENC) is composed of music majors and minors interested in music education.

The International Association of Jazz Educators (IAJE) promotes the appreciation of jazz and its artistic performance, helps organize jazz curricula in schools, and fosters the application of jazz principles at all levels of education. Membership is open to any student interested in jazz.

The Symphonic Wind Ensemble plays the finest wind/percussion literature representing all musical periods and is open by audition to qualified students. The Symphonic Wind Ensemble annually tours in the spring and makes several appearances on campus.

The Concert Band plays a wide variety of band music and performs several concerts during the spring term. It is open to all students with previous band experience.

The Warhawk Marching Band provides entertainment for all home football games and performs at major professional sporting events in the state. It is open to all students with either instrumental or flag corps experience.

The Basketball Pep Band performs at home basketball games and is open to all university students.

The Jazz Bands give instrumentalists an opportunity to rehearse and perform the various styles of jazz band repertoire, and are open to all qualified students by audition.

The Concert Choir is a select group of mixed voices open by audition to qualified students. This group performs both traditional and contemporary literature, appearing in several concerts each year.

Chamber Singers is a highly selective mixed ensemble specializing in works for small choral ensemble including motets, madrigals, chansons, and part songs from all eras of music. The group does performance tours each spring term.

The Whitewater Symphony Orchestra performs literature for string orchestra and full orchestra. The orchestra makes several appearances on campus each year and performs with university choral groups and during the annual opera/musical production. It is open to all qualified students by audition.

Tau Phi Lambda: Membership in this organization is open to all students interested in music, regardless of their major. Members engage in various service projects and social functions.

Theta Alpha Phi: Wisconsin Delta chapter of this national honorary dramatic fraternity was installed at Whitewater in May 1950. Membership is earned through participation in all phases of theatrical production and evidence of a continuing interest in theatre.

Zeta Phi Eta: A national professional fraternity in Communication Arts and Sciences.

## **COLLEGE DEGREE REQUIREMENTS**

BACHELOR OF ARTS (BA)  
BACHELOR OF FINE ARTS (BFA)  
BACHELOR OF MUSIC (BM)  
BACHELOR OF SCIENCE (BS)

Students may earn a Bachelor of Arts, a Bachelor of Fine Arts, a Bachelor of Music or a Bachelor of Science from the College of Arts and Communication. Successful completion of a minimum of one hundred twenty (120) credits in the following areas is required:

### College Degree Requirements

All new freshmen entering the Summer of 1994 or later and all transfer students entering the Summer of 1996 forward must complete the following degree requirements in addition to Proficiency, General Education, Diversity, and Writing:

### **BA Degree**

All students must complete at least 2 Arts (GA) credits outside their major department in the college in addition to the 3-credit World of the Arts course (900-110). It is advisable to first take The World of the Arts course. They must also complete a minimum of 6 Humanities (GH) credits in addition to U.S. in a World Context (900-120) and World of Ideas (900-390).

Transfer students with an Associate Degree who are candidates for the Bachelor of Arts Degree in the College of Arts and Communication must have a minimum of twelve credits in Humanities. Majors in Art, Music, and Theatre must also complete at least 70 credits outside of their major.

## **BFA and BM Degrees**

All students must complete at least 2 Arts (GA) credits outside their department in the college in addition to the 3-credit World of the Arts course (900-110). It is advisable to first take The World of the Arts core course.

Transfer students with an Associate Degree who are candidates for the Bachelor of Fine Arts Degree and the Bachelor of Music Degree in the College of Arts and Communication must have a minimum of at least four credits in the arts for areas outside of their major.

## **BS Degree**

Students must complete at least 6 credits in Natural Sciences/Mathematics (GL/M) in addition to a 5-credit Laboratory Science course and Science and Technology in Society (900-150).

Transfer students with an Associate Degree who are candidates for the Bachelor of Science Degree in the College of Arts and Communication must have at least 14 credits in Science and Math.

Major 34-75 credits:

The number of credits required for a major varies with the different departments and the particular major desired. Consult the following sections of this bulletin devoted to departmental major offerings.

Minor 22-24 credits:

Requirements for a minor vary with the different departments and with the minor desired. The College of Arts and Communication accepts most University minors including the Professional Minor in Business Studies. A minor is not required with a major of 54 or more credits. Consult the following departmental sections for these offerings.

Writing Proficiency in Major: This requirement is determined by each department.

## **General Electives**

For the remainder of the 120 credits, students will be free to plan with their adviser a program best suited to their needs and interests. If they meet the prerequisites stated

by the respective departments, they are free to choose elective courses from any college in the university.

To be eligible to graduate as an Art, Music, or Theatre major, students must have a minimum grade point of 2.5 in the upper level courses within their major.

To be eligible to graduate as a Theatre BFA major, students must have a minimum GPA of 2.75 in the major and a 2.50 overall GPA.

A 2.00 cumulative GPA is required to declare the Speech major. A minimum 2.25 GPA is required in the major for graduation. The major GPA is based upon both the grades for courses completed at UW-W and those for courses accepted in transfer. Transfer students need a transfer 2.00 GPA to declare the major. To be eligible to graduate as a Journalism major, students must have a grade point of 2.00.

## **INTERDEPARTMENTAL ARTS MANAGEMENT MINOR**

The Arts Management minor is not meant to be completely comprehensive, but rather a complement to other arts coursework that provides enough exposure at an early state to assist students in choosing a career in arts administration.

### **MINOR - 24 CREDITS**

1. THTR 100-363 and 100-364
2. ACTG 210-244 and MKTG 260-311
3. SELECT 8 CREDITS FROM 1 OF THESE 2 GROUPS:
  - a. A&C 100-361 AND 100-362 AND 4 CREDITS FROM A&C 100-200 AND 100-493
  - b. MGNT 250-387 AND 5 CREDITS FROM A&C 100-200 AND 100-493
4. SELECT 6 CRED FROM COURSES A&C 100-361, ART 110-180, JOUR 164-220, 164-320, 164-321, SPCH 166-202, 166-203, 166-204, 166-242, B ED 220-353, 220-363, 220-364, ECON 230-245, MGNT 250-211, 250-301, 250-320, 250-385, 250-486, MKTG 260-321, 260-337, 260-350, 260-432 OR OTHER COURSES APPROVED BY THE MINOR ADVISER ASSIGNED BY THE COLLEGE DEAN

## **INDIVIDUALLY DESIGNED MAJOR**

This major is designed to permit students to focus their study on a topic or problem area which falls outside the limits of a conventional major. Since each major is individualized, what is deemed appropriate for one student may be deemed inappropriate for another. The purpose of the major is to accommodate an integration

of the courses and programs not offered by the University; it is not a means of forming special majors or degrees which the University is not authorized to offer. The Individually Designed Major, leading to the Bachelor of Arts degree, must consist of a coherent pattern of approved courses taken in more than one department.

### **INDIVIDUALLY DESIGNED MAJOR WITH A MINOR (BA)**

A grade point average of 2.5 is needed for admission to the program. A grade point average of 3.0 in the major is required for graduation.

#### **OPTION I**

##### **MAJOR - 36 CREDITS**

1. SELECT 36 CREDITS IN CONSULTATION WITH YOUR ADVISER. INCLUDE NO MORE THAN 24 CREDITS FROM ANY ONE DEPARTMENT. AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

#### **OPTION II**

##### **MAJOR - 54 CREDITS**

1. SELECT 54 CREDITS IN CONSULTATION WITH YOUR ADVISER. INCLUDE NO MORE THAN 24 CREDITS FROM ANY ONE DEPARTMENT. NO MINOR IS REQUIRED FOR THIS MAJOR

Writing Proficiency Requirement: Consult adviser (ENGL 680-370 recommended)

Electives bring the total to a minimum of 120 credits. In either Option I or II of the Individually Designed Major students will choose as an adviser a faculty member whose competence is in the area of their interest. Together with the adviser they will plan the major and submit in writing to the College Individualized Major/Minor Committee for its approval a proposed list of courses, a schedule plan and a statement of the rationale and goals of the major program. The major should be approved, with the possibility of subsequent amendment, no later than the end of the sophomore year. Any later approval may result in additional terms of study. The program must be planned and approved in advance of admission to the major. Any changes in the major at a later date will require written permission from the Individualized Major/Minor Committee.

Under either Option I or II students may count at most 24 credits from any one department for fulfillment of total degree requirements.

The Individualized Major/Minor Committee will carefully review student proposed courses to assure a reasonable depth of study beyond the general survey level. One-half of the credits earned for the major must be taken within the College of Arts and Communication. A concentration of course work within the College of Arts and Communication will meet the needs of students interested in interdisciplinary fine arts studies and those wishing to combine fine arts courses with a combination of any other college's courses. Primary supervision of the major rests with the Individualized Major/Minor Committee.

## **INDIVIDUALIZED MINOR**

If students have definite educational goals which cannot be met by any of the existing minors, they may design an individualized minor consisting of at least 24 credits in areas related to their clearly stated goals, and the courses included in the minor should be related to those goals. However, these courses do not have to be in areas related to the major. Each minor is approached on an individual student basis. Students may complete at most one individualized minor.

### **MINOR - 24 CREDITS**

1. SELECT 24 CREDITS IN CONSULTATION WITH YOUR ADVISER. COURSES MUST BE OUTSIDE YOUR MAJOR AREA.

A statement of the content, nature and rationale of the proposed individualized minor must be approved by the major department. If fifteen or more credits of the minor are to be taken in any one department of the College of Arts and Communication, the proposed minor shall be approved by that department as well as the major department. Further, the proposed minor shall be sent to the Office of the Associate Dean of the College of Arts and Communication for the Dean's referral to the College Individualized Major/Minor Committee for its approval.

The minor should be prepared early in the students' college career, preferably before the junior year. At least 12 credits of the courses proposed for the minor must be earned after the plan is approved. Any subsequent changes in the minor must be approved by the Individualized Major/Minor Committee.

The responsibility for certifying that students have met the requirements of their minor rests with the Associate Dean of the College of Arts and Communication.

## **AUDIO STUDIES MODULE**

An opportunity for students with an interest in audio technology to develop a strong base in audio theory while also garnering experience in sound reinforcement, broadcast production, multi-media and two- and multi-track music recording. Using an interdisciplinary focus, courses are taken from the communication, music and physics departments. Audio practica are scheduled at WSUS-FM, at the Young Auditorium, the Music and Theatre/Dance Departments and the University Center.

## **DEPARTMENT OF ART**

*Phone:* 262-472-1324

*E-Mail:* art@uwwvax.uww.edu

*Faculty:* Professors Janet Anderson, Amy Arntson, Karl Borgeson, Lynn Courtenay, William Chandler, Denis Dale, Michael Flanagan (Gallery Director), Lawrence Harrison, Robert Mertens (Chairperson), Susan Messer, Karen-Sam Norgard, Charles Olson, Linda Threadgill, John Wickenberg.

Housed in one of the best facilities in the state, the Art Department offers a wide range of courses in four primary areas: Fine Arts, Graphic Design, Art Education and Art History.

Emphasis is placed on developing your individual skills and interests under the guidance of dedicated artist-teachers of regional, national and international reputation.

Careers in art are as diverse as the programs offered: in Graphic Design as illustrators, designers, art directors and in computer related fields; in teaching art and art history at various levels; in museum and gallery work; and in studio production fine arts areas of drawing, painting, sculpture, ceramics, printmaking, jewelry, and photography.

### **ART DEPARTMENT STIPULATIONS**

1. Each graduating senior is required to make an application for a senior show during the term prior to the anticipated term of graduation. Students are required to have faculty approval of their show portfolio by midterm of the term of graduation. Failure to meet these requirements may delay graduation.
2. BFA candidates will furnish the Department five good quality slides that are representative of their art production. These will be kept as a record in the slide library of the college.

3. Art majors are advised to meet the General Education requirements in the Arts by electing a course in an area other than Art. 110-121,110-180 and 115-111 cannot be used for any major program in Art. (See General Studies)
4. Art majors must meet all College of Arts and Communication requirements for graduation.
5. Art education programs lead to licensure for teaching grades K-12. For Bachelor of Science in Education program, see requirements for admission to College of Education. All Art students seeking licensure are advised to consult the Supervisor of Directed Teaching immediately for guidance in building their program.
6. Art majors are responsible for consulting current advising sheets available in the Department Office for explanations and revisions in Department and College regulations.
7. Students are limited to 3 Studio classes per term unless prior approval is given by the student's adviser and the department chair.
8. Students may be required to purchase supplies for art works they create in studio art courses.

## **MAJORS/EMPHASES**

NOTE: Some required courses are taught on an alternating schedule. Majors should see the department chair for projected course offerings.

### **ART (BA)**

MAJOR - 42 CREDITS

1. ART 110-102, 110-103, 110-201, 110-202, 115-201 AND 115-202
2. ART 110-341 AND 110-321
3. ART 110-251 OR 110-271
4. ART 110-381 OR 110-331 OR 110-332 OR 110-333 OR 110-434/634
5. SELECT 12 CREDITS OF ART ELECTIVES IN CONSULTATION WITH AN ADVISER. A MAXIMUM OF 9 CREDITS MAY BE TAKEN IN ANY ONE AREA OF DRAWING, PAINTING, PRINT MAKING, GRAPHIC DESIGN, PHOTOGRAPHY, CERAMICS, SCULPTURE, METALS OR ART HISTORY.

DEPARTMENT G.P.A. REQUIREMENT

- STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES. RLS CREDITS OUTSIDE THE FIRST MAJOR - 70 CREDITS



- SELECT A MINIMUM OF 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART BA) RLS WRITING PROFICIENCY - 3 CREDITS
- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR ART LICENSURE EMPHASIS (BA)

#### LICENSURE - 35 CREDITS

1. EDFD 423-212 OR 423-222
2. EDFD 420-243 OR 420-445
3. EDFD 424-425
4. C&I 437-466
5. C&I 439-210 AND 430-424 - BOTH TO BE TAKEN SPRING TERM BEFORE PROFESSIONAL TERM
6. C&I 437-423 - FALL SEM ONLY
7. STUDENT TEACHING
  - a. SELECT 6 CREDITS FROM C&I 439-411
  - b. SELECT 6 CREDITS FROM C&I 439-414
8. SELECT 3 CREDITS FROM EDUC 400-496

#### MAJOR - 54 CREDITS

1. ART 110-102, 110-103, 110-201, 110-202, 110-303, 115-201 AND 115-202
2. ART 110-341, 110-251, 110-381 AND 110-321
3. ART 115-318 (FALL ONLY) AND 115-420 (SPRING ONLY)
4. CHOOSE 1 COURSE FROM EACH OF 3 GROUPS BELOW GROUP 1: ART 110-271

GROUP 2: ART 110-311

GROUP 3: ART 110-331 OR 110-332 OR 110-333

5. SELECT 3 ELECTIVE CREDITS OF ART HISTORY (EXCEPT 115-111)
6. SELECT 3 ELECTIVE CREDITS OF ART STUDIO

#### DEPARTMENT G.P.A. REQUIREMENT

- STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES. RLS CREDITS OUTSIDE THE 1ST MAJOR - 70 CREDITS
- SELECT A MINIMUM OF 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART BA) RLS WRITING PROFICIENCY - 3 CREDITS

- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS

## **FINE ARTS GRAPHIC DESIGN EMPHASIS (BFA)**

MAJOR - 75 CREDITS

1. ART 110-102, 110-103, 110-201 AND 110-202 ART 115-201 AND 115-202
2. ART 110-341 and 110-321
3. SELECT 1 COURSE FROM EACH GROUP GROUP 1: ART 110-303

GROUP 2: ART 110-311

GROUP 3: ART 110-321

GROUP 4: ART 110-331, 110-332 OR 110-333 OR 110-434/634

GROUP 5: ART 110-341

4. SELECT 6 CREDITS FROM ART HISTORY EXCEPT FOR COURSES 115-111, 115-201, 115-202, 115-318 AND 115-420
5. SELECT 9 CREDITS FROM COURSES IN 3-D AREAS OF CERAMICS, SCULPTURE, METALS AND JEWELRY ART 110-251, 110-352, 110-353, 110-454, 110-342, 110-343, 110-344, 110-271, 110-272 OR 110-373
6. ART 115-318 AND 115-420
7. ART 110-381, 110-382 AND 110-383
8. SELECT 12 CREDITS FROM ADVANCED COURSES ART 110-484, 110-485, 110-387, 110-384, 110-482 OR 110-498

DEPARTMENT G.P.A. REQUIREMENT

- STUDENTS MUST HAVE A MINIMUM 3.0 G.P.A. IN UPPER LEVEL MAJOR COURSES. WRITING PROFICIENCY - 3 CREDITS
- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS

## **ART HISTORY EMPHASIS (BA)**

MAJOR - 37 CREDITS

1. ART 115-201, 115-202, 115-313, 115-316 AND 115-318 (FALL ONLY)
2. ART 115-311, 115-312, 115-315 AND 115-421

3. SELECT 10 CRED FROM COURSES ART 115-303, 115-305, 115-310, 115-314, 115-317, 115-319 (SPRING ONLY) OR 115-420 (SPRING ONLY) OR 115-496

#### 2.5 GPA UPPER-LEVEL COURSE REQUIREMENT

- STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES.

#### MAJOR - UNIQUE REQUIREMENT - 16 CREDITS

- SELECT 16 FOREIGN LANGUAGE CRED FROM FRENCH, GERMAN, PORTUGUESE, SPANISH RLS CREDITS OUTSIDE THE FIRST MAJOR - 70 CREDITS
- SELECT A MINIMUM 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART HISTORY) RLS WRITING PROFICIENCY - 3 CREDITS
- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

#### **FINE ARTS EMPHASIS (BFA)**

#### MAJOR - 75 CREDITS

1. ART 110-102, 110-103, 110-201, 110-202, 115-201 AND 115-202
2. ART 110-303, 110-341, 110-321, 115-318 (FALL ONLY) AND 115-420 (SPRING ONLY)
3. ART 110-251 ABD 110-381
4. ART 110-271
5. SELECT 1 COURSE FROM EACH GROUP

GROUP 1: 110-311

GROUP 2: 110-331 OR 110-332 OR 110-333, 110-334 OR 110-434

6. SELECT 15 CRED IN AREA OF ART SPECIALIZATION IN CONSULTATION WITH ADVISER
7. SELECT 6 CREDITS FROM ART HISTORY COURSES (EXCEPT 115-111)
8. SELECT A MINIMUM OF 15 CREDITS FROM ART STUDIO COURSES. ELECTIVE AREAS: NOTE 6 CR REQUIRED IN 2-D OR 3-D GROUP WHICH CONTAINS AREA OF SPECIALIZATION, 9 CR REQUIRED IN GROUP THAT DOES NOT. SEE ADVISER FOR DEPARTMENT STIPULATIONS.

## DEPARTMENT G.P.A. REQUIREMENT

- STUDENTS MUST HAVE A MINIMUM 3.0 G.P.A. IN UPPER LEVEL MAJOR COURSES. WRITING PROFICIENCY - 3 CREDITS
- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS

B.F.A. Stipulations: Enrollment in the B.F.A. is open to all students. Periodic progress reviews will be required:

- A. To participate in the first progress review a student must:
1. Complete 12-15 credits in studio courses, at least 6 cr. in 2-dimensional courses and 6 cr. in 3-dimensional courses.
  2. Have a minimum 2.75 GPA in Art.
  3. Application must be made 2 weeks in advance of the review. Reviews are scheduled once each term. Students will be counseled to advance to a second review or repeat their review in a subsequent term.
- B. To participate in an advanced review:
1. Two terms must elapse after passing the first review.
  2. To assure adequate development, the student must be completing a minimum of five additional studio courses since admission to the B.F.A. program.
  3. A 3.00 minimum GPA in upper level Art courses is required.
  4. Student must present a written statement to be posted with their works indicating the focus of interests/directions/intentions/etc. evident in the evolving work.
- C. A Senior BFA Exhibit is required for graduation. This exhibit may be scheduled one term after successfully completing both progress reviews. Tentative scheduling should be made in the Art Office at least one year in advance to assure gallery space.

## **FINE ARTS LICENSURE EMPHASIS (BFA)**

### LICENSURE - 32 CREDITS

1. EDFD 423-212 OR 423-222
2. EDFD 420-243 OR 420-445
3. EDFD 424-425, C&I 437-466 AND 437-423 (437-423 IS OFFERED FALL TERM ONLY)

4. C&I 439-210 AND 430-424 - BOTH TO BE TAKEN SPRING TERM BEFORE PROFESSIONAL TERM
5. STUDENT TEACHING
  - a. SELECT 6 CREDITS FROM C&I 439-411
  - b. SELECT 6 CREDITS FROM C&I 439-414

#### MAJOR - 75 CREDITS

1. ART 110-102, 110-103, 110-201, 110-202, 115-201 AND 115-202
2. ART 110-303, 110-341, 110-321, 115-318 (FALL ONLY) AND 115-420 (SPRING ONLY)
3. ART 110-251 AND 110-381
4. ART 110-271
5. SELECT 1 COURSE FROM EACH GROUP

GROUP 1: ART 110-311

GROUP 2: ART 110-331, 110-332, 110-333 OR 110-434

6. SELECT 15 CRED IN AREA OF ART SPECIALIZATION IN CONSULTATION WITH ADVISER
7. SELECT 6 CREDITS FROM ART HISTORY COURSES (EXCEPT 115-111)
8. SELECT A MINIMUM OF 6 CREDITS FROM ART STUDIO COURSES. SEE ADVISER FOR DEPARTMENT STIPULATIONS.

#### DEPARTMENT G.P.A. REQUIREMENT

- STUDENTS MUST HAVE A MINIMUM 3.00 G.P.A. IN UPPER LEVEL MAJOR COURSES. RLS WRITING PROFICIENCY - 3 CREDITS
- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS

#### **ART GRAPHIC DESIGN EMPHASIS (BA)**

#### MAJOR - 42 CREDITS

1. ART 110-102, 110-103, 110-201, 110-202, 115-201 AND 115-202
2. ART 110-341 AND 110-321
3. ART 110-251 OR 110-271
4. ART 110-381, 110-382 AND 110-383

5. SELECT 6 CRED FROM COURSES ART 110-311,110-384, 110-385, 110-387, 110-388, 110-482, 110-484, 110-485, 110-492, 110-496 OR 110-498

#### 2.5 GPA UPPER-LEVEL COURSE REQUIREMENT

- STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES. RLS CREDITS OUTSIDE THE FIRST MAJOR - 70 CREDITS
- SELECT A MINIMUM OF 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART BA) RLS WRITING PROFICIENCY - 3 CREDITS
- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

#### **ART EDUCATION (BSE)**

##### LICENSURE - 35 CREDITS

1. EDFD 423-212 OR 423-222
2. EDFD 420-243 OR 420-445
3. EDFD 424-425
4. C&I 437-466
5. C&I 439-210 AND 430-424 - BOTH TO BE TAKEN SPRING TERM BEFORE PROFESSIONAL TERM
6. C&I 437-423 - FALL SEM ONLY
7. STUDENT TEACHING
  - a. SELECT 6 CREDITS FROM C&I 439-411
  - b. SELECT 6 CREDITS FROM C&I 439-414
8. SELECT 3 CREDITS FROM SPED 480-205

##### MAJOR - 54 CREDITS

1. ART 110-102, 110-103, 110-201, 110-202, 115-201 AND 115-202
2. ART 110-303, 110-341, 110-251, 110-381 AND 110-321
3. ART 115-318 (FALL ONLY) AND 115-420 (SPRING ONLY)
4. SELECT 1 COURSE FROM EACH GROUP:

GROUP 1: ART 110-271

GROUP 2: ART 110-311

GROUP 3: ART 110-331 OR 110-332 OR 110-333 OR 110-434/634

5. SELECT 3 ELECTIVE CREDITS FROM ART HISTORY (EXCEPT 115-111)
6. SELECT 3 ELECTIVE CREDITS FROM ART STUDIO

#### WRITING PROFICIENCY - 3 CREDITS

- ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS

#### SPECIAL ART LICENSURE TO TEACH STUDENTS WITH DISABILITIES

NOTE: This is an optional program leading to special state licensure to teach art to students with disabilities. It requires 15 credits in addition to all the requirements of the B.S.E. degree in art education or the requirements for the B.A. or B.F.A. degree with K-12 licensure.

#### Credits

480-205/721 Psychology of the Exceptional Child

430-759 Art for the Exceptional Child and Adolescent or 480-759 (Or any other art education course/workshop applicable to teaching students with disabilities)

489-492/725 Field Study—Special Education 2-3 (Art Emphasis)

Plus 6 credits from the following:

480-356/556 Introduction to Mental Retardation

480-320/520 Introduction to the Education of Young Handicapped

480-455/655 Introduction to the Emotionally Handicapped

480-464/664 Learning and Language Disorders

480-466/666 Guidance of the Handicapped

Total: 15 credits

#### **MINOR/EMPHASES**

NOTE: Some required courses are taught on an alternating schedule. Minors should see the Department Chair for projected course offerings.

## **ART STUDIO EMPHASIS**

MINOR - 24 CREDITS

1. ART 110-102 OR 110-103 (SEE ADVISER FOR STIPULATIONS)
2. ART 110-201 AND 115-202
3. SELECT 9 CRED IN ONE AREA OF SPECIALIZATION COURSES ( ART 110-251, 110-352, 110-353) OR (110-381, 110-382, 110-383) OR (110-202, 110-303, 110-408) OR (110-271, 110-272, 110-373) OR (110-321, 110-324, 110-426) OR (110-311) OR (110-331, 110-332, 110-335, 110-434) OR (110-341, 110-342, 110-343)

SELECT 6 CREDITS OF ART STUDIO ELECTIVES.

NOTE: MUST SELECT 3 CR FROM 2-D AREA AND 3 CR FROM 3-D AREA

## **ART (General)**

MINOR - 24 CREDITS

1. ART 110-102, 110-103, 110-201, 115-202, 110-251 AND 110-321
2. SELECT 3 CRED FROM COURSES ART 110-341 OR 110-271
3. SELECT 3 CRED FROM COURSE ART 110-202, 110-303, 110-311, 110-331, 110-332, 110-333 110-381, 110-434

## **ART HISTORY**

MINOR - 21 CREDITS

1. ART 115-201 AND 115-202
2. ART 115-311 OR 115-312
3. ART 115-313 OR 115-314 SELECT 6 CRED FROM COURSES ART 115-315, 115-316 OR 115-318 (FALL ONLY)
4. SELECT 3 ELECTIVE CRED FROM COURSES NOT USED ABOVE OR FROM FOLLOWING:



ART 115-303, 115-305, 115-308, 115-309, 115-310, 115-317, 115-319, (SPRING ONLY) 115-421 AND 115-496

## **110 COURSE DESCRIPTIONS**

### **110-102 2-DIMENSIONAL DESIGN GA 3 cr**

A problem and theory approach to the underlying structure of visual form using a variety of techniques, tools and materials are used to examine the basic elements, principles and concepts of visual organization available in designing for the flat surface.

### **110-103 3-DIMENSIONAL DESIGN GA 3 cr**

A problem and theory approach to the underlying structure of three-dimensional form using a variety of techniques, tools and materials to investigate the basic elements, principles and concepts of three-dimensional design.

### **110-121 BASIC ART GA 3 cr**

An introductory studio course for non-art majors and minors covering the basic concepts and materials of major visual arts.

### **110-180 INTRODUCTION TO ADVERTISING DESIGN 3 cr**

An introductory course for non-art majors covering the principles, materials, procedures and applications of advertising design.

Prereq: A student may not register for 110-180 if previously or currently enrolled in any 110-300 level course or above, unless departmental approval is obtained.

### **110-201 DRAWING I GA 3 cr**

An introduction to the basic concepts in drawing. This course provides a systematic exploration of the drawing methods with an emphasis on traditional approaches to line, form, composition, perspective & chiaroscuro

### **110-202 DRAWING II 3 cr**

This course develops concepts & skills introduced in Drawing I. Color, alternative materials & variable formats will be explored in problem-solving format. Emphasis placed on strengthening content & design relationships. 2-D design experience recommended.

Prereq: 110-201.

**110-222 DESIGN FOUNDATIONS FOR THE WEB 3 cr**

This primarily classroom formatted course will introduce students to the fundamentals of the elements and principles of media design and how they relate to web site and page content creation. The focus throughout is on visually and aesthetically effective site design. Topics include visual organizational principles, criteria for aesthetic development, critical visual awareness, graphics utilizing digital imaging and web page design software, time based media, animation, audio and video, and the role of designer and programmer on the aesthetics and function of web communication.

Prereq: Restricted to non-Art majors.

**110-251 CERAMICS I GA 3 cr**

A course designed to give the student the opportunity to explore handbuilding in slab, coil and other techniques; wheel throwing will be introduced as a basic means of pottery development. Work with a variety of glazing techniques will be stressed.

**110-271 METAL AND JEWELRY I GA 3 cr**

Exploration into creating jewelry and small sculpture from brass, copper, bronze, and silver. This course is designed for both art majors and non-art majors.

**110-272 METAL AND JEWELRY II 3 cr**

Continued exploration into the creation of jewelry and small sculpture from metal. Emphasis is on conceptual and technical achievement.

Prereq: 110-271.

**110-303 DRAWING III: THE FIGURE 3 cr**

The drawing of the human figure from life with an emphasis on the development of the sound technical skill and individual creative approach.

Prereq: 110-202.

**110-311 PHOTOGRAPHY: EXPRESSION AND EXPERIMENTATION 3 cr**

Lectures, demonstrations, and darkroom work sessions constitute a basic introduction to photographic tools, techniques, and expression. Media: black and white prints.

**110-321 PAINTING I 3 cr**

An introduction to painting as an art form. This study is grounded in the disciplines associated with the techniques, and aesthetics of painting based in water based media.

Prereq: 110-102 and 110-201 or 110-202 or cons instr.

**110-324/524 WATERCOLOR 3 cr**

A studio course where exercises and experimentation with transparent watercolor pigments and techniques will be combined with art principles to form aesthetic

creations in watercolor.

Prereq: 6 credits from 110-102, 110-201, 110-202 or cons instr.

### **110-331 PRINTMAKING I: INTAGLIO 3 cr**

An introduction to the techniques and aesthetics of printmaking. This study is grounded in the disciplines associated with the techniques of intaglio. Specifically, this includes drypoint, aquatint, and etching. In addition, alternative processes are demonstrated and applied in the study of monoprinting.

Prereq: 6 credits from 110-102, 110-201, 110-202, or cons instr.

Fulfills printmaking requirement.

### **110-332 PRINTMAKING I: RELIEF 3 cr**

Exploration of printmaking as an art form with emphasis on relief printing techniques, including single, multiple block and reduction wood-cuts and non-traditional blocks, color printing, image making and editioning.

Prereq: 6 credits from 110-102, 110-201, 110-202 or cons instr.

Fulfills printmaking requirement.

### **110-333 PRINTMAKING I: SCREENPRINTING 3 cr**

The course presents the basic materials and methods of screenprinting techniques, including ink mixing, stencil developing, image making, and editioning. This course fulfills the basic printmaking requirement.

Prereq: 6 credits from 110-102, 110-201, 110-202 or cons instr.

### **110-341 SCULPTURE I 3 cr**

An introduction to the disciplines associated with the techniques, media and aesthetics of sculpture.

Prereq: 110-103.

### **110-342 SCULPTURE II 3 cr**

A continuation of 110-341 with emphasis on individual direction. The intent is to develop a deeper meaning of art and art processes.

Prereq: 110-341.

### **110-343 SCULPTURE III 3 cr**

Arranged for the student as indicated by the student's own interest and abilities. The student is encouraged to work toward a high degree of competency and enlightenment.

Prereq: 110-342.

### **110-352 CERAMICS II 3 cr**

A continuation of 110-251 with emphasis on individual direction to develop a deeper

understanding of art and art processes.

Prereq: 110-251.

### **110-353 CERAMICS III 3 cr**

Arranged for the student as indicated by the student's own interest and abilities.

Prereq: 110-352.

### **110-373 METAL AND JEWELRY III 3 cr**

This course emphasizes more complex construction and statements in the creation of jewelry and small sculpture from metal.

Prereq: 110-272.

### **110-381 GRAPHIC DESIGN I 3 cr**

An introductory studio course familiarizing the student with graphic design basics: the creative process, design terminology and theory, design principles, tools and materials, 2-D layout, typography and basic computer techniques.

Prereq: 110-102 and 110-201.

### **110-382 GRAPHIC DESIGN II 3 cr**

Emphasis is on conceptual and visual problems in graphic design. The student analyzes, defines objectives, develops and presents graphic solutions relating to communication in book design, magazine layout, and informational graphics.

Prereq: 110-381.

### **110-383 GRAPHIC DESIGN III 3 cr**

Emphasis is on graphic design solutions to communication problems relating to advertising. The student analyzes, defines objectives and presents in comprehensive format solutions for advertisements, web design, letterhead, direct mail brochures and business logo and stationery.

Prereq: 110-382.

### **110-384 ILLUSTRATION 3 cr**

A studio course for the advanced art student in the various types and techniques of commercial illustration, using traditional media.

Prereq: 110-202 and 110-321.

### **110-385 ELECTRONIC ILLUSTRATION 3 cr**

Electronic Illustration will present techniques, concepts and practices that are part of the field of Illustration. The class will pay special attention to the development of these within the context of computer technology. A variety of imaging software will be used, including Adobe Illustrator, Photoshop, Painter as well as an introduction to 3-D Graphic effects. An emphasis on the higher and potential of cross platform effects

will be stressed.

Prereq: 110-387 and 110-202.

### **110-387 COMPUTER GRAPHICS FOR THE ARTIST 3 cr**

Creation of computer generated artwork on the Amiga and MacIntosh systems with an emphasis on photo based digital imaging techniques. Lecture content includes discussions, readings and visual presentations on contemporary usage of electronically generated art and design.

Prereq: 110-102 and Sophomore standing.

### **110-388/588 KINETIC ART/MULTIMEDIA DESIGN 3 cr**

This course is focused on the study of kinetic art and aesthetic interdisciplinary activities using graphics, typography, computer/video visual imaging and sound synthesis. Students will create time based digital multimedia presentations. Computer animation and design/illustration software applications, digital video effects, photo/video image processing, sound recording, interactive sequence scripting, sound synthesis and video production procedures contribute to the aesthetic aspects of multimedia and will be procedural/technical areas of exploration in this course.

Repeatable to six credits.

Prereq: 110-102 and 110-201 and 110-387 or consent of instructor.

### **ARTSTDIO 390 DIGITAL PHOTOGRAPHY/ 3 u DIGITAL IMAGING**

An exploration of digital photography and electronic imaging techniques for art and design. Using both low and high-resolution filmless cameras and digital imaging techniques, students will learn the fundamentals of camera operations through photographic manipulation. Activities will include experiences in original still photography, panoramic VR photography, studio & location lighting, visual aesthetic planning, concept development, team building, special effects and professional technical production practices.

Prereq: ARTSTDIO 102 AND ARTSTDIO 381 OR ARTSTDIO 387

### **110-408/608 ADVANCED DRAWING 3 cr**

A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in drawing. Emphasis placed on the development of personal direction in terms of content, choice and handling of media.

Repeatable in increments of 3 credits per term for a maximum of 12 credits.

Prereq: 110-303.

### **110-426/626 ADVANCED PAINTING 3 cr**

A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in the techniques and aesthetics of painting.

Traditional oil and water based media will be introduced. Advanced students will be encouraged to explore a medium of choice.

Repeatable in increments of 3 credits per term for a maximum of 12 credits.

Prereq: 110-321.

**110-434 THE ART OF THE BOOK 3 cr**

This course will focus on the creation of hand made fine art books through the combination of applied research in traditional and non-traditional printmaking techniques and bookbinding. Graduate students will be expected to research an historical binding and create models for presentation to the class.

Prereq: 110-201, 110-102, or consent of instructor.

Fullfills printmaking requirement.

**110-444/644 SCULPTURE IV 3 cr**

Advanced studio experience in sculpture.

Prereq: 9 credits in sculpture.

**110-445/645 SCULPTURE V: RESEARCH 3 cr**

A highly specialized course offering directed studio research in a specific problem related to sculpture.

Prereq: 9 credits in sculpture.

**110-454/654 CERAMICS IV 3 cr**

Advanced studio experience in ceramics.

Prereq: 9 credits in ceramics or consent of instructor.

**110-455/655 CERAMICS V: RESEARCH 3 cr**

A highly specialized course offering directed studio research in a specific creative problem related to ceramics.

Prereq: 9 credits in ceramics or consent of instructor.

**110-456/656 TECHNICAL STUDY IN CERAMICS 3 cr**

Exploration of technical concerns within ceramics. Emphasis on clay composition and analysis, glaze calculation and formulation, study of ceramic minerals, kiln design, construction and operation.

Prereq: 110-352.

**110-474/674 METAL AND JEWELRY IV 3 cr**

An advanced course emphasizing design and creation of objects, both wearable and sculptural. Sophisticated technical skills will be explored with an emphasis on contemporary concepts.

Prereq: 110-373.

**110-475/675 METAL AND JEWELRY V: RESEARCH 3 cr**

A highly specialized course offering directed research in a specific creative problem related to metals and jewelry. Assignments will be made that further students conceptual direction.

Prereq: 110-474.

**110-482 ILLUSTRATION II 3 cr**

Advanced course concentrating on the development of illustration skills and techniques. Emphasis placed on the development of a personal approach to conceptual and visual problem solving related to editorial, advertising and specialized fields of illustration.

Prereq: 110-384, 110-303.

**110-484/684 GRAPHIC DESIGN IV: COMPUTER PROCESSES 3 cr**

Emphasis is on conceptual and visual graphic design problem solving. The student studies contemporary design issues and develops strategies for design solutions. Visual image development, information design and corporate identity program design, publication planning and design development, and pre-press applications of computer technologies are many of the areas of concentration.

Prereq: ARTSTDIO 383

**110-485/685 GRAPHIC DESIGN V: ADVANCED COMPUTING SOLUTIONS 3 cr**

With guidance from the instructor, the student defines objectives, researches and realizes solutions for a series of designs in an area of special interest. A knowledge of advanced computing hardware and software processes is applied to realize final solutions.

Prereq: 110-484/684.

**110-490/690 ART WORKSHOP 1-3 cr**

Repeatable. Prereq: Permission of the Workshop Director.

**110-491 TRAVEL STUDY Repeatable 1-3 cr****110-492 FIELD INTERNSHIP IN ART 1-3 cr**

Internship involving professional experience under the supervision of selected business and/or institutional personnel within student's area of emphasis.

Departmental approval required for application.

May be retaken to maximum of 6 credits in degree and major. Prereq: 9 credits and 3.00 GPA in area of emphasis and consent and placement by the Department and 2nd term Junior Standing.

**110-496/696 SPECIAL STUDIES 3-4 cr**

Repeatable. Prereq: Consent of instructor.

**110-498 INDEPENDENT STUDIES 1-6 cr**

Repeatable for a maximum of six credits in major/degree. Prereq: Cons instr.

**115-111 ART APPRECIATION GA 2 cr**

This course is designed to relate art to the culture in which it was created, thereby giving the student the understanding necessary to see art as both a part of life and an expression of that life. Sections offering special emphasis will be identified in current timetables. For non-art majors only.

**115-201 SURVEY OF WESTERN ART - ANCIENT TO MEDIEVAL GA 3 cr**

An investigation of major works of art in painting, sculpture, architecture, and minor related arts from prehistoric times to the late middle ages. Emphasis on the relationship between art and culture. Students develop skills in artistic analysis. Slide illustrated.

**115-202 SURVEY OF WESTERN ART - RENAISSANCE TO THE PRESENT GA 3 cr**

An investigation of major works in painting, sculpture, architecture, and related arts from the late Italian Renaissance to the present. Students develop skills in artistic analysis. Slide illustrated.

**115-305/505 HISTORY OF WOMEN IN ART GA 3 cr**

A study of the contribution of women artists to the fields of architecture, painting, sculpture, printmaking and fibre from the middle ages to the present. Offered summer school even numbered years, spring term odd numbered years.

Prereq: 900-110.

**115-311/511 HISTORY OF GREEK AND ROMAN ART GA 3 cr**

This course is designed to cover Greek and Roman art and architecture from pre-classical times to the late Roman Empire. Students are introduced to classical archaeology, technology, style, and iconography. Vase painting, architecture, and sculpture are emphasized in the context of the development of the classical tradition. Usually offered spring term odd numbered years.

Prereq: 900-110.

**115-312/512 HISTORY OF MEDIEVAL ART GA 3 cr**

The art of the Middle Ages comprises more than 1,000 years of sculpture, painting, tapestry, architecture and stained glass. In this course of a few months, we can sample only some of the arts that have profoundly shaped modern western culture, vis.



medieval great church or cathedral. Concentration is on the Romanesque and Gothic periods. Islamic material may be include. Generally offered spring term even numbered years.

Prereq: 900-110.

**115-313/513 HISTORY OF ITALIAN RENAISSANCE ART GA 3 cr**

A course designed to trace the development of architecture, painting and sculpture from the early fifteenth century through the sixteenth century in Italy. Emphasis is on the revival of interest in classical traditions and the combination of classic ideals and forms with contemporary artistic themes. Usually offered spring term even numbered years.

Prereq: 900-110.

**115-314/514 HISTORY OF NORTHERN RENAISSANCE ART GA 3 cr**

This course is designed to study in depth the unique development of Renaissance art outside Italy, specifically in the Lowlands, France, Germany and Spain during the fifteenth and sixteenth centuries. Usually offered fall term odd numbered years.

Prereq: 900-110.

**115-315/515 HISTORY OF BAROQUE ART GA 3 cr**

An art lecture course covering the leading work in painting, sculpture and architecture in Italy, France, Spain, Germany and The Netherlands from the Mannerist period to 1800. Slide illustrated. Usually offered spring term odd numbered years.

Prereq: 900-110.

**115-316/516 HISTORY OF NINETEENTH CENTURY ART GA 3 cr**

A slide illustrated lecture course examining major social, scientific and technical factors affecting stylistic progressions in painting, photography, architecture and sculpture during the nineteenth century. European art movements will be the principal concern of the course. Usually offered fall term.

Prereq: 900-110.

**115-317/517 HISTORY OF MODERN ARCHITECTURE GA 3 cr**

The major emphasis of this course is the development of the experimental nature of contemporary architectural forms. The student will study this trend from the early engineering solutions of mid-nineteenth century to the complex social and technological solutions of today. Offered irregularly.

Prereq: 900-110.

**115-318/518 HISTORY OF 20TH CENTURY ART TO 1945 GA 3 cr**

An investigation of the complex visual imagery generated by the social milieu from 1900 to 1945. Emphasis will be on origins, stylistic progressions, and experimental

approaches with implications for today's movements. Offered fall term only.  
Prereq: 900-110.

**115-319/519 CONCEPTS IN ART SINCE 1945 GA 3 cr**

A course designed to study the complex developments in art since 1945. Emphasis will be placed on experimental concepts, their evolution and their manifestations in today's society. Offered spring term only.  
Prereq: 900-110.

**115-420 ART THEORY 3 cr**

An advanced course dealing with the theoretical concerns of the visual arts. The course treats art in its relation to current philosophical thought, and also discusses aesthetics and the nature of art. For Art Department majors and minors. Offered spring term only.  
Prereq: 115-318 and sr st.

**115-421 ART HISTORY: RESEARCH 2-3 cr**

A highly specialized course offering directed research in a specific area of art history. The course content is to be determined by the student and the instructor.  
Prereq: 9 credits in art history and consent of instructor.

**115-496/696 SPECIAL STUDIES IN ART HISTORY 1-3 cr**

Repeatable.  
Prereq: To be announced at the time the course is offered.

**115-498 INDEPENDENT STUDY 1-6 cr**

Repeatable for a maximum of 6 credits in major/degree.  
Prereq: Consent of instructor.

## **DEPARTMENT OF COMMUNICATION**

*Phone:* 262-472-1034

*E-Mail:* [communicatn@uwwvax.uww.edu](mailto:communicatn@uwwvax.uww.edu)

*Faculty:* Raymond Baus, David Bednarek, Peter Conover, Jeanine Fassl, Anne Gravel, Richard Haven, Kim Hixson, M. William Johnson, Betty Kobs, William Lowell, John Luecke, Rae Miller, Barbara Monfils (Chairperson), Darrell Newton, Terry Ostermeier, Steven Shields, John Stone, Ann Tetley, Wilfred Tremblay, Sally Vogl-Bauer, William Weiss, Sherry Williams, Rosann Young.

## **JOURNALISM**

The journalism program is geared to today's journalism, preparing graduates to work in the many modern communication media as reporters, editors, news photographers, advertising representatives, radio and television news personnel, or in public relations. As a journalist you can be where events are happening, communicating information on important issues and current events. How well you do your job will depend on a number of factors; a strong educational background is perhaps the most important.

The journalism program offers majors and minors in the College of Arts and Communication for students wishing to enter some phase of professional journalism, and in the College of Education for those wishing to teach high school journalism. Both programs are grounded strongly in liberal arts courses.

### **MAJOR/EMPHASES**

#### **INTERNATIONAL JOURNALISM EMPHASIS (BA/BS)**

MAJOR - 34 UNITS

1. SPEECH 131, JOURNLSM 243, JOURNLSM 244, SPEECH 424
2. JOURNSLM 493, JOURNLSM 246, JOURNLSM 420, JOURNSLM 491

COMPLETION OF DEAKIN COURSES (12 UNITS):

COMPARATIVE JOURNALISM STUDIES, RESEARCH INTO AUSTRALIAN JOURNALISM, COMMUNICATION/JOURNALISM ELECTIVES IN AUSTRALIA, RESEARCH FOR WRITERS, EDITING AND DESIGN, BROADCAST JOURNALISM RADIO, BROADCAST JOURNALISM TELEVISION, INTERNSHIP - TAKEN IN AUSTRALIA

#### **JOURNALISM ADVERTISING EMPHASIS (BA/BS)**

MAJOR - 36 CREDITS

1. JOUR 164-220, 164-320 AND 164-321
2. JOUR 164-431 AND MKTG 260-311
3. SELECT 15 CREDITS FROM AT LEAST TWO OF THE FOLLOWING GROUPS. NO MORE THAN NINE CREDITS MAY BE SELECTED FROM ANY ONE GROUP

GRP 1: JOUR 164-241, 164-305, 164-360, 164-420, 164-430, 164-485 AND 164-

493

GRP 2: SPCH 166-202, 166-330, 166-333, 166-345, 166-434 AND 166-459

GRP 3: ART 110-180, 110-381 AND 110-387

GRP 4: MKTG 260-350, 260-400, 260-420, 260-429, 260-432 AND 260-444

4. SELECT 6 CREDITS IN CONSULTATION WITH AN ADVISER. WITH THE EXCEPTION OF ART 110-180, ALL ELECTIVE COURSES MUST BE AT THE 200 LEVEL OR HIGHER.

### **JOURNALISM BROADCAST EMPHASIS (BA/BS)**

MAJOR - 34 CREDITS

- JOUR 164-243, 164-244, 164-246, 164-406 AND 164-420
- SPCH 166-131
- SPCH 166-234 OR 166-240
- JOUR 164-305 OR 164-430 OR 164-431 OR SPCH 166-305 OR 166-431
- SPCH 166-325 OR 166-420 OR 166-422 OR 166-424
- SPCH 166-238 OR 166-239
- SELECT 4 ELECTIVE CRED FROM COURSES JOUR 164-303, 164-304, 164-305, 164-310, 164-320, 164-430, SPCH 166-130 THRU 166-139, 166-230 THRU 166-239, 166-330 THRU 166-339 OR 166-434

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **JOURNALISM BROADCAST EMPHASIS (BSE)**

LICENSURE - 34 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-432
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 34 CREDITS

1. JOUR 164-243, 164-244, 164-246, 164-406, AND 164-420
2. SPCH 166-131
3. SPCH 166-234 OR 166-240
4. JOUR 164-305 OR 164-430 OR 164-431 OR SPCH 166-305 OR 166-431
5. SPCH 166-325 OR 166-420 OR 166-422 OR 166-424
6. SPCH 166-238 OR 166-239
7. SELECT 4 ELECTIVE CRED FROM COURSES

JOUR 164-303, 164-304, 164-305, 164-310, 164-320, 164-430, SPCH 166-130  
THRU 166-139, 166-230 THRU 166-239, 166-330 THRU 166-339 AND 166-434  
AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **JOURNALISM PRINT EMPHASIS (BA/BS)**

MAJOR - 34 CREDITS

1. JOUR 164-243, 164-244, 164-245, 164-406, AND 164-420
2. SPCH 166-131
3. JOUR 164-305 OR 164-430 OR 164-431 OR SPCH 166-431
4. SELECT 3 CRED FROM COURSES JOUR 164-246, 164-303 OR 164-304
5. SELECT 10 ELECTIVE CRED FROM JOURNALISM AN APPROVED MINOR IS  
REQUIRED FOR THIS MAJOR

### **JOURNALISM PRINT EMPHASIS (BSE)**

LICENSURE - 34 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-432
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 34 CREDITS

1. JOUR 164-243, 164-244, 164-245, 164-406, AND 164-420
2. SPCH 166-131
3. JOUR 164-305 OR 164-430 OR 164-431 OR SPCH 166-431
4. SELECT 3 CRED FROM COURSES JOUR 164-246, 164-303 OR 164-304
5. SELECT 10 ELECTIVE CRED FROM JOURNALISM

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Suggested minors. Depending on career choice, select a minor from the following fields: economics, political science, sociology, history, geography, a foreign language, English (writing emphasis), a science, coaching, marketing, art, music, theatre, advertising, or public relations.

Students majoring in journalism education are advised to select a minor from the following fields: political science, a foreign language, geography, history, English, speech, economics, sociology, a science, art or music. As many electives from these areas as possible will help the student attain a broad educational background.

## **ADVERTISING MINOR**

MINOR - 24 CREDITS

1. JOUR 164-220, 164-320 AND 164-321
2. SELECT 15 CREDITS FROM AT LEAST TWO OF THE FOLLOWING GROUPS. NO MORE THAN NINE CREDITS MAY BE SELECTED FROM ANY ONE GROUP

GRP 1: JOUR 164-241, 164-305, 164-360, 164-420, 164-430, 164-485 AND 164-493

GRP 2: SPCH 166-202, 166-330, 166-333, 166-345, 166-434 AND 166-459

> GRP 3: ART 110-180, 110-381 AND 110-387

GRP 4: MKTG 260-311, 260-350, 260-400, 260-420, 260-429, 260-432 AND 260-444

3. UP TO THREE CREDITS OF PREREQUISITE COURSES FOR ART MAY BE INCLUDED IN CONSULTATION WITH AN ADVISER.

## **JOURNALISM**

## MINOR - 25 CREDITS

1. JOUR 164-243, 164-244 AND 164-245
2. SPCH 166-131
3. JOUR 164-305 OR SPCH 166-305 OR JOUR 164-430 OR 164-431 OR SPCH 166-431
4. JOUR 164-246 OR 164-303 OR 164-304 OR 164-406
5. SELECT 7 CRED FROM JOURNALISM AND ELECTRONIC MEDIA IN CONSULTATION WITH ADVISOR
6. NO MORE THAN 1 CRED OF JOUR 164-251 MAY BE COUNTED TOWARD THE MINOR

## SPEECH

Speech communication focuses upon how, why, and with what effects people communicate through verbal and nonverbal messages. Students of speech communication develop understanding and skill in communication processes as they occur within and among individuals, groups, organizations, and cultures. Graduates are active in sales, public relations, advertising, customer relations, personnel, broadcasting, filmmaking, high school and college teaching, volunteer agencies and fund raising, law and communication and consultation in business, industry, and government. Speech communication graduates can enter a variety of careers because the competencies they acquire have broad application.

## MAJOR/EMPHASES

A 2.00 cumulative GPA is required to declare the Speech major. A minimum 2.25 GPA is required in the major for graduation. The major GPA is based upon both the grades for courses completed at UW-W and those for courses accepted in transfer. Transfer students need a transfer 2.00 GPA to declare the major.

Applied activities in speech communication. Credit for activities may be earned in radio (166-230) or Cable TV (166-231, 166-331). A maximum of 6 credits thus earned will count toward the 120 credits necessary for graduation. Four of the 6 credits from speech communication activities may count toward the 36 or 37 credits necessary for the major. Two credits may count toward the 22 credit minors in elementary and secondary education (see the activities specified in the requirements for the minor). Activity credits may not be substituted for any required courses. Prereq: Permission of instructor.

## **SPEECH PUBLIC RELATIONS EMPHASIS (BA/BS)**

MAJOR - 36 CREDITS

1. SPCH 166-202, 166-203, 166-204, 166-302 AND 166-402
2. SPCH 166-345 AND 166-424
3. SELECT 9 CREDITS FROM: JOUR 164-220, 164/166-241, 164-303, 164-310, 164-320, 164-360, SPCH 166-303, 166-240, 166-238, 166-330, 166-340, 166-493P

Note: Other techniques-oriented courses, 200 level or above, may be substituted for these electives with the approval of the student's advisor.

4. SELECT 6 CREDITS FROM: JOUR 164-420, 164-430, SPCH 166325, 166-326, 166-327, 166-328, 166-420, 166-422, 166-431, 166-485, 166-498 (No more than two credits/semester can be applied to the major.) Note: Other theory-oriented courses, 300 level or above, may be substituted for these electives with the approval of the student's advisor.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **SPEECH ELECTRONIC MEDIA EMPHASIS (BA/BS)**

MAJOR - 37 CREDITS

1. 166-232, 166-239, 166-238 and 166-487
2. SELECT 9 CRED FROM ELECTRONIC MEDIA APPLICATION COURSES SPCH 166-230, 166-231, 166-241, 166-320, 166-331, 166-332, 166-335, 166-493E OR JOUR 164-246
3. SELECT 6 CRED FROM ORAL COMMUNICATION COURSES SPCH 166-234, 166-240 OR 166-242
4. SELECT 6 CRED FROM GENERAL ELECTRONIC AND MASS MEDIA COURSES (SPCH 166-236 or 166-339), 166-305, 166-333, 166-431, 166-434, 166-494 OR JOUR 164-420
5. SELECT 6 CRED FROM COMMUNICATION THEORY/APPLIED THEORY COURSES SPCH 166-228, 166-321, 166-325, 166-327, 166-345, 166-420, 166-422, 166-424 OR 166-485



6. 12 CREDITS MUST BE TAKEN AT 300 AND 400 LEVEL. A MAXIMUM OF 5 PRACTICUM CREDITS MAY COUNT IN THE MAJOR. THE WRITING REQUIREMENT MAY BE COMPLETED IN SPCH 166-305, 166-333, 166-339, 166-431 OR 166-485.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **SPEECH ORGANIZATION COMMUNICATION EMPHASIS (BA/BS)**

MAJOR - 36 CREDITS

1. SPCH 166-242
2. SPCH 166-420
3. SPCH 166-422
4. SPCH 166-424
5. SPCH 166-485
6. SPCH 166-244
7. SPCH 166-327
8. SPCH 166-429
9. SPCH 166-489
10. SELECT 9 CREDITS FROM SPEECH COURSES:
  - 3 OF THE 9 CREDITS MUST BE AT THE 200 LEVEL OR ABOVE
  - 6 OF THE 9 CREDITS MUST BE AT THE 300 LEVEL OR ABOVE

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **SPEECH PUBLIC COMMUNICATION EMPHASIS (BA/BS)**

MAJOR - 36 CREDITS

1. SPCH 166-228, 166-240, 166-420 and 166-422
2. SPCH 166-485
3. SPCH 166-345
4. SPCH 166-445
5. SPCH 166-485
6. SPCH 166-359 OR 166-459
7. SELECT 9 CREDITS FROM SPEECH COURSES AT THE 200 LEVEL OR ABOVE

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Writing Proficiency Requirement: See chairperson for course(s) that satisfy this requirement.

Students are encouraged to select a minor that complements their career goal and their major. Frequently selected minors include marketing, human resource management, political science, art graphics, journalism, advertising and sociology.

### **MINOR/EMPHASES**

166-110 will not count toward the minor. Activity credits (166-230, 166-231, 166-331 and 164-251, 166-254) will not count toward the minor in liberal arts.

### **SPEECH MINOR - 24 CREDITS**

1. SPCH 166-325 AND 166-359
2. SELECT 18 ELECTIVE CREDITS IN SPEECH WITH A SPEECH COMMUNICATION ADVISER (EXCEPT 166-110). 9 CREDITS MUST BE AT THE 300 OR 400 LEVEL.

### **SPEECH PUBLIC RELATIONS EMPHASIS MINOR - 24 CREDITS**

1. SPCH 166-202, 166-203, 166-204, 166-302 AND 166-402
2. SPCH 166-345 AND 166-424
3. 1 ELECTIVE CREDIT FROM COURSES:

JOUR 164-220, 164/166-241, 164-303, 164-310, 164-320, 164-360, 164-420, 164-430, SPCH 166-238, 166-240, 166, 303, 166-326, 166-327, 166-328, 166-330, 166-340, 166-352, 166-422, 166-493P, 166-498

(No more than two credits can be applied to the minor.)

### **SPEECH ELEMENTARY EMPHASIS**

MINOR - 22 CREDITS

1. CMDS 510-270, 510-380, SPCH 166-356 AND 166-420
2. THTR 133-325
3. 8 ELECTIVE CREDITS IN SPEECH, EXCEPT 166-110, SELECTED WITH A SPEECH COMMUNICATION ADVISER A MAXIMUM OF 2 CREDITS OF SPEECH ACTIVITIES (166-230, 166-231 AND 166-331) MAY BE APPLIED TO THE MINOR

## **SPEECH SECONDARY EMPHASIS**

### MINOR - 24 CREDITS

1. SPCH 166-131
2. SPCH 166-240 AND 166-242
3. SPCH 166-321 AND 166-325
4. SPCH 166-420
5. SPCH 166-344 OR 166-345
6. SELECT 3 ELECTIVE CREDITS FROM SPEECH (EXCEPT 166-110) WITH SPEECH ADVISER
7. A MAXIMUM OF 2 CREDITS OF SPEECH ACTIVITIES (166-230, 166-231 AND 166-331) MAY BE APPLIED TO THE MINOR.

## **164 COURSE DESCRIPTIONS**

### **164-220 FOUNDATIONS OF ADVERTISING 3 cr**

A survey of advertising and its role as an institution in society, both as a marketing tool and as a communication process.

### **164-241 ELECTRONIC MEDIA WRITING 3 cr**

The course is designed as an introduction to the theory and practice of writing for the electronic media, principally radio and television. The course will provide intensive practice through writing assignments of commercial copy, program continuity copy, and public service announcements for radio and television. There will also be practice in the development and organization of various program types including talk, interview, discussion, news, and documentary programs.

Unreq: 166-241.

### **164-243 NEWS WRITING 3 cr**

The treatment of news, news gathering techniques and news writing with emphasis on style. Practical application of the structure of the summary lead and the news story.

Prereq: Ability to type.

**164-244 REPORTING 3 cr**

The treatment of community events. Students cover city council and school board meetings; perfect interview techniques and generally go beyond the classroom to write the news story.

Prereq: 164-243.

**164-245 COPY EDITING AND LAYOUT 3 cr**

A study of copy editing, headline writing, picture selection, proof reading, newspaper page makeup and design, the selection and placing of news stories in order of importance, editorial responsibilities and practical media layout with emphasis on the newspaper. A two-hour lab is included.

Prereq: 164-243 or 166-203.

**164-246 ELECTRONIC MEDIA NEWSWRITING AND PRODUCTION 3 cr**

Development of the skills of broadcast news gathering, writing, and editing.

Prereq: 164/166-241 or 164-243 or 166-203. Unreq: 166-246.

**164-251 SCHOOL PUBLICATIONS 1 cr**

A laboratory journalism course in which the student elects to work on the University newspaper or photo staff. A student may earn 1 hour of credit for each term of work and a maximum of 2 credits toward graduation.

**164-303 FEATURE WRITING 3 cr**

A study of feature writing and editorial writing and their roles in print publications. Experience in writing feature articles and opinion pieces.

Prereq: 164-243 or 166-203

**164-304 SPORTS JOURNALISM 3 cr**

Methods, techniques and writing styles of past and present sports reporters, to emphasize sports writing and to focus some concern for the social and political issues that affect sports and sports coverage.

Prereq: 164-243 or cons instr.

**164-305/505 HISTORY OF MASS COMMUNICATION 3 cr**

An overview of the origin, development, strengths and weaknesses, and achievements of mass communication in the United States, with particular attention to the interrelationship between mass communication and society.

Unreq: 166-305/505.

**164-310 NEWS PHOTOGRAPHY 3 cr**

Study of photography in which students concentrate on producing pictures suitable for publication in newspapers and news magazines.

**164-320 ADVERTISING COPYWRITING AND LAYOUT 3 cr**

The preparation of advertising copy with attention to its functions and values.

Prereq: 164-220

**164-321 ADVANCED ADVERTISING PROCEDURES 3 cr**

Sales problems in advertising; the planning and execution of an advertising campaign; choice of advertising media; market and consumer research; a study of advertising as an institution and its role in communications, society, our economy and business.

Prereq: 164-320.

**164-332 PRACTICUM IN TELEVISION NEWS 1-3 cr**

The core of the class will be the planning and execution of regularly scheduled live television news programs that will be produced in the studio of Cable 6. The instructor of the class will guide the students in that activity. Students in the course will each have a specific role to play in the production, and the number of credits earned will depend on each student's specialization. Each student's role will be assigned by the instructor according to experience and courses completed. Typically, students who have taken courses in Newswriting and Broadcast Newswriting and Production will be reporters, editors or assignment editors. Students who have completed the announcing course will serve as announcers. Others who have taken courses in television production will serve as photojournalists and video editors. Each week the newscasts will be critiqued at a joint session in which all students participate.

Prereq: 164/166-246 or 164/166-241 or 166-234 or 166-338. Unreq: 166-332.

**164-360/560 MEDIA OPERATIONS AND MANAGEMENT 3 cr**

An overview and examination of the basic operations of newspaper, radio, television, magazine, advertising/public relations agency and new information technologies: organization and equipment, company and manager responsibilities, market analysis and product planning, distribution and pricing, social responsibilities, production and service, financial and legal questions, and public and employee relations.

Prereq: 166-131 or 166-232 or 166-202 or 164-220 and junior standing.

Unreq: 166-360/560

**164-406/606 REPORTING PUBLIC AFFAIRS 3 cr**

Advanced work in reporting with emphasis on news related to crime and the courts, government and politics, business, finance and labor. Includes study of the courts, legislative procedures and business.

Prereq: 164-244.

**164-420/620 LAW OF MASS COMMUNICATION 3 cr**

Study of law as applied to the mass media with particular emphasis on freedom of

information, libel, privacy, contempt, commercial speech, regulation of electronic media and copyright regulation.

Prereq: 164-220 or 166-131 or 166-232.

**164-430/630 COMMUNICATION AND PUBLIC OPINION 3 cr**

The role of the mass media of communication in the formation of public opinion. Use of social science techniques for studying public opinion will be examined.

Prereq: Any course in Political Science or Sociology, jr st or cons instr.

**164-431/631 MASS COMMUNICATION IN SOCIETY 3 cr**

A course which examines the functions and effects of mass media in our society. Theoretical bases for assessing social, behavioral and cultural influences are emphasized.

Prereq: 166-131 or 166-202 or 166-232. Unreq: 166-431/631.

**164-485/685 COMMUNICATION RESEARCH METHODS 3 cr**

An advanced-level undergraduate and graduate survey of methodologies and issues relevant to the practice of communication research.

Prereq: Junior/senior standing. Unreq: 166-485/685.

**164-490/690 WORKSHOP 1-4 cr**

Repeatable

**164-491 TRAVEL STUDY 1-3 cr**

Repeatable

**164-493A INTERNSHIP IN ADVERTISING 1-6 cr**

Professional experience in which the student who aspires to a career in advertising works in an approved internship setting in advertising. (A maximum of three credits of Internship may be applied toward an advertising major; a maximum of two credits may be applied toward an advertising minor.)

Prereq: 164-220, 164-320, 3.0 GPA in the prerequisite courses and consent of instructor.

**164-493G INTERNSHIP IN JOURNALISM 1-6 cr**

Professional experience in which the student who aspires to a career in journalism works in an approved internship setting in broadcasting, on-line, or print journalism. (A maximum of three credits of Internship may be applied toward a Journalism major; a maximum of two credits may be applied toward a Journalism minor.)

Prereq: 166-131; 164-243, 164-244 (or their equivalent) and consent of instructor.

**164-494/694 SEMINAR 1-4 cr**

Repeatable. Prereq: Consent of instructor.

**164-496/696 SPECIAL STUDIES 1-4 cr**

Repeatable. Prereq: Consent of instructor.

**164-498 INDEPENDENT STUDY 1-3 cr**

Repeatable. Prereq: Jr st and cons of staff.

## **166 COURSE DESCRIPTIONS**

**166-110 FUNDAMENTALS OF SPEECH Proficiency 3 cr**

A basic course designed to help students increase their effectiveness in public speaking and interpersonal communication through learning current theory and developing skills through actual classroom experiences. A beginning course in principles of oral communication designed to develop confidence and precision through classroom speaking. For information about the waiver examination see the Proficiency/General Studies Requirements section of this Bulletin. Students may not take for credit any course for which they have received a waiver, nor may they take for credit any course in the same department that is a prerequisite for a course that has been waived (e.g., if a student has been waived from Speech 234, he may not take Speech 110 for credit).

**166-131 INTRODUCTION TO MASS COMMUNICATION GS 3 cr**

A study of mass communication with relation to current economic, political and social institutions and trends. Emphasis on print and broadcast media with consideration of advertising, public relations, government and technology. The role of media in entertainment, news, and persuasion is examined.

**166-202 PRINCIPLES OF PUBLIC RELATIONS 3 cr**

Principles, process, and practice of public relations in business, industry, government, service, and education.

**166-203 PUBLIC RELATIONS TACTICS I 3 cr**

A beginning exploration of public relations communication styles as they apply to various media, including news releases, public service messages, media alerts, newsletters and brochures.

> Prereq: 166-202. Open to Speech-Public Relations majors and minors only.

**166-204 PUBLIC RELATIONS TACTICS II 3 cr**

An intermediate exploration of public relations communications styles as they apply to various media, including research, image releases, video news releases, multimedia presentations and proposals.

> Prereq: 166-202 and 166-203. Open to Speech-Public Relations majors and minors only.

**166-228 INTERPERSONAL COMMUNICATION 3 cr**

Theory and exercises in interpersonal communication situations. Basic theory, self disclosure, listening, conflict, trust and other topics will be examined.

**166-230 RADIO PRACTICUM 1 cr**

A laboratory course in which the student participates in at least one area of radio broadcasting: Announcing, engineering, interviewing, or publicity.

> Repeatable.

**166-231 PRACTICUM IN CABLE TELEVISION PRODUCTION 1 cr**

Participation in a variety of areas of television production including camera, lighting, graphics, audio, switching, video engineering and announcing and television performance.

Repeatable for a maximum of 4 credits in major/degree.

**166-232 FOUNDATIONS OF ELECTRONIC MEDIA GS 3 cr**

An in-depth survey of the historic developmental, technological, economic, programming, social impact, and regulatory foundations of the broadcasting and electronic media communications industries in America.

**166-234 ELECTRONIC MEDIA ANNOUNCING 3 cr**

Emphasizes the development of professional speech and performing habits for radio, television, and related electronic media. Training in proper use of announcing - related technical equipment provided. Vocal and performing styles pertinent to the presentation of entertainment, information, and persuasion for electronic media are presented within an applied framework.

> Prereq: 166-110.

**166-236 INTRODUCTION TO CINEMA GA 3 cr**

Focuses on understanding and appreciating film as a unique visual communication experience. Includes an introduction to the understanding of film language and different theories of film aesthetics and criticism.

**166-238 FUNDAMENTALS OF VIDEO PRODUCTION 3 cr**

This introductory video production course provides students with a basic



understanding of the video production process. Students work on studio and field exercises to develop their video production skills.

**166-239 FUNDAMENTALS OF AUDIO PRODUCTION 3 cr**

A study of audio theory relevant to the production of programming for radio and related electronic mass media. Substantial attention devoted to the fundamental theoretical principles of digital audio systems. Practical experience in program production is also emphasized, in combination with the development of critical listening skills for audio production work.

**166-240 PUBLIC SPEAKING GH 3 cr**

Study of the theory and techniques of public address with required presentation of speeches.

Prereq: 166-110.

**166-241 ELECTRONIC MEDIA WRITING 3 cr**

The course is designed as an introduction to the theory and practice of writing for the electronic media, principally radio and television. The course will provide intensive practice through writing assignments of commercial copy, program continuity copy, and public service announcements for radio and television. There will also be practice in the development and organization of various program types including talk, interview, discussion, news, and documentary programs.

Unreq: 164-241.

**166-242 SMALL GROUP COMMUNICATION 3 cr**

The study of small group theory and group dynamics, with practice in their application, designed to prepare students to communicate and function effectively as members of decision making and problem solving small groups.

> Prereq: 166-110.

**166-244 COMMUNICATION AND INTERVIEWING 3 cr**

Additional study in interpersonal communication as it functions in various types of interview situations. Application and analysis of effective interpersonal communication choices in specific interview situations.

> Prereq: 166-110.

**166-246 ELECTRONIC MEDIA NEWSWRITING AND PRODUCTION 3 cr**

Development of the skills of broadcast news gathering, writing, and editing.

Prereq: 164/166-241 or 164-243 or 166-203. Unreq: 164-246.

**166-247 INTRODUCTION TO PARLIAMENTARY PROCEDURE 3 cr**

To prepare the student to function intelligently as a member of any assembly by

developing: parliamentary practice as an effective means of democratic participation, the skills and concepts essential for effective group participation, and by giving students the opportunity to reinforce their knowledge through group problem solving activities.

**166-302 PUBLIC RELATIONS STRATEGIES 3 cr**

An examination, using case studies, of the theories and research which support the selection of various public relations strategies to solve problems. Issues such as responding to crisis situations, applying ethical principles to public relations problems and assessing the use of emerging technologies in public relations are also addressed.

Prereq: 166-202 and 166-203.

**166-303 PUBLIC RELATIONS PRACTICUM 1-3 cr**

Planning and execution of public relations tactics, e.g., newsletters, media relations programs, special events, etc., for client organizations under the direction of a faculty member. (A maximum of two credits may be applied to the Speech Communication Major and maximum of two credits may be applied to the Speech Communication Minor. An additional credit may be applied toward graduation, but not to the major or minor.)

> Prereq: 166-202, 166-203 and 166-204 and consent of instructor.

**166-305/505 HISTORY OF MASS COMMUNICATION 3 cr**

An overview of the origin, development, strengths and weaknesses, and achievements of mass communication in the United States, with particular attention to the interrelationship between mass media and society.

Prereq: Jr st. Unreq: 164-305/505.

**166-307 DESIGNING NON-PRINT MEDIA FOR PUBLIC RELATIONS 3cr**

Instruction and practice in the theory, design, production and utilization of non-print media in the context of various public relations activities

Prereq: 166-202 and 166-203. Open to Speech-Public Relations majors and minors only.

**166-320/520 ADVANCED AUDIO TECHNIQUES 3 cr**

An advanced level course that studies the utilization of multi-track digital systems in broadcast, recording and sound re-enforcement environments. Students critique and analyze existing works and produce related audio materials in various genres.

Prereq: 166-239 or consent of instructor.

**166-321/521 NONVERBAL COMMUNICATION 3 cr**

Nonverbal dimensions of interpersonal communication (physical behavior, facial

expression, eye behavior, personal space, personal appearance-clothing, touch, voice and the use of objects) focusing upon their actual interaction with verbal or speech communication. Study of concepts and actual participation in nonverbal exercises/simulations.

Prereq: 166-110 or its equivalent.

**166-325 PSYCHOLOGY OF SPEECH GS 3 cr**

Speaking and listening viewed in relation to human behavior. A psychological perspective of such factors in the speech communication process as language and semantics, message processing and design, vocal-nonverbal cues, speech perception-production, and apprehension-anxiety which are involved in person to person and person to group communication.

**166-326/526 COMMUNICATION AND GENDER 3 cr**

Advanced study of interpersonal communication between and within the sexes. The focus of the course concerns examination of traditional gender ideals and analysis of communication styles that contribute to societal evolution. Sex differences in communication, theories explaining sex differences in communication, research on sex stereotypes, debates about language and sexism, and implications for inter-gender relationships in a variety of settings are among the topics considered in this course.

> Prereq: 166-228.

**166-327/527 INTRODUCTION TO ORGANIZATIONAL COMMUNICATION 3 cr**

This course provides a broad overview of the theoretical and empirical literature relevant to organizational communication. The focus is on how communication operates in organizations, the effects of communication on organizational life, and how communication can be made more efficient and effective in meeting personal as well as organizational goals.

Prereq: 166-110.

**166-328/528 COMMUNICATION CONFLICT RESOLUTION 3 cr**

This course provides a communications perspective of the nature and possible methods of resolution of conflict.

Prereq: 166-110.

**166-330 CORPORATE AND INDUSTRIAL VIDEO PRODUCTION 3 cr** This

video production course examines the uses of video technology in non-broadcast settings. Particular attention is spent on marketing, public relations, training and employee communication applications.

Prereq: 166-238.

**166-331 PRACTICUM IN PRODUCING AND DIRECTING FOR CABLE TELEVISION 1-3 cr**

Participation of a program producer and/or director for television programming created for the University Cable Television System.

Repeatable for a maximum of 4 credits in major/degree. Prereq: Cons instr.

**166-332 PRACTICUM IN TELEVISION NEWS 1-3 cr**

Participation in the planning and production of regularly scheduled television newscasts created for the University Cable Television system. Students will earn from one (1) to three (3) credits during the semester, depending upon assigned responsibilities. Repeatable for a maximum of four (4) credits in major/degree.

> Prereq: Consent of instructor

**166-333 PRINCIPLES OF ELECTRONIC MEDIA PROGRAMMING 3 cr**

An examination of radio and television as a major communication industry with particular emphasis on those factors which influence program content.

Prereq: 166-131 or 166-232.

**166-335/535 ADVERTISING VIDEO PRODUCTION 3 cr**

Students develop and apply advanced studio and field video production skills for the production of television advertising.

> Prereq: 166-238.

**166-339/539 HISTORY OF THE CINEMA 3 cr**

A study of the motion picture as a significant art form of the twentieth century, with emphasis upon the historical, social, economic, technical, and artistic factors that influenced its development.

**166-340/540 SPEECH WRITING 3 cr**

Students develop skills necessary to write varied types of public speeches suitable for presentation by others or by themselves.

Prereq: 166-110.

**166-344 ARGUMENTATION 3 cr**

The theory of argument: Logical development and support of propositions.

Application of theory in practical situations.

Prereq: 166-110.

**166-345 PERSUASION 3 cr**

A study of the process of persuasion: Logical, ethical, and emotional appeals as well as organizational patterns and stylistic devices are addressed. Application and analysis

of these techniques through term papers and speeches.

Prereq: 166-110.

**166-359/559 RHETORIC OF THE WESTERN WORLD GH 3 cr**

An introduction to significant theories of communication and persuasion based on western thought.

Prereq: 166-110

**166-360/560 MEDIA OPERATIONS AND MANAGEMENT 3 cr**

An overview and examination of the basic operations of newspaper, radio, television, magazine, advertising/public relations agency and new information technologies: organization and equipment, company and manager responsibilities, market analysis and product planning, distribution and pricing, social responsibilities, production and service, financial and legal questions, and public and employee relations.

Prereq: 166-131 or 166-232 or 166-202 or 164-220 and junior standing. Unreq: 164-360/560

**166-402 PUBLIC RELATIONS PLANNING 3 cr**

Application of public relations principles, tactics and strategies to a client's public relations problem or opportunity, through the development and use of public relations planning skills.

> Prereq: 166-202, 166-203, 164-204 and 166-302.

**166-420/620 LISTENING BEHAVIOR GS 3 cr**

Study of the current theory and research concerning the process of listening in human communication as a basis for an effective understanding of listening behavior and for an increased ability to improve one's own listening skills. Coverage of material culminates in an analysis of approaches to teaching listening in the schools and training in business-industry.

> Prereq: 166-110 or equiv or cons instr.

**166-422/622 COMMUNICATION THEORIES 3 cr**

Study of theories of communication from various disciplinary viewpoints. An investigation of approaches which attempt to explain the communication process through a "meaning-centered" focus to the communication act (originating communicator, message, channel, responding communicator). Theories are discussed in terms of their assumptions, claims, and strengths-weaknesses.

**166-424/624 CROSS CULTURAL COMMUNICATION GS/Diversity 3 cr**

Study of cross cultural contacts and interactions when individuals are from different cultures. An analysis of verbal and nonverbal communication and related factors

within and between various cultures, predictions of patterns and effects, and communication barriers.

**166-427/627 COMMUNICATION TRAINING IN ORGANIZATIONS 3 cr**

This is an advanced level course that focuses on identifying, evaluating, and enhancing the communicative competencies behind the functioning of contemporary organizations.

Prereq: 166-327/527.

**166-429/629 ORGANIZATIONAL COMMUNICATION NEEDS ANALYSIS 3 cr**

This course examines the critical issues associated with doing applied work in organizational communication. Theoretical and empirical questions are addressed in this regard. On the basis of this knowledge, the student then learns by conducting an audit of the communication climate for a specific organization.

Prereq: 166-327/527, 166-244 and (164-485/685 or 166-485/685) or consent of instructor.

**166-431/631 MASS COMMUNICATION IN SOCIETY 3 cr**

A course which examines the functions and effects of mass media in our society. Theoretical bases for assessing social, behavioral and cultural influences are emphasized.

Prereq: 166-131 or 166-202 or 166-232. Unreq: 164-431/631.

**166-434/634 BROADCAST STATION OPERATIONS AND PROCEDURES 3 cr**

An advanced-level course involving the elements of broadcast station and cable television operations, with particular emphasis on federal regulatory policies. Electronic mass media operations involving management, sales, programming, and audience responsibilities are emphasized. Formation of internal policy guidelines for day-to-day operations is a major course focus.

Prereq: 166-232 and at least one term's staff experience on either WSUW-FM or at Cable 6 or its equivalent as determined by the instructor.

**166-440/640 NEW COMMUNICATION TECHNOLOGIES 3 cr**

This course examines the major innovations in the telecommunication industry. Students will explore alternative regulatory contexts in which these systems can develop and address the implications of these developments in a variety of social, institutional and philosophical contexts.

Prereq: 166-131 or 166-232 or senior standing.

**166-445/645 RHETORIC OF CAMPAIGNS & SOCIAL MOVEMENTS 3 cr**

Advanced study of the process of persuasion as it relates to significant campaigns and/or social movements such as Civil Rights, Women's Movement, and Political Campaigns. Applications and analysis of persuasion and campaigns and/or social movements through term papers, exams, and presentations.

Prereq: 166-110.

**166-459/659 COMMUNICATION CRITICISM 3 cr**

Advanced study of social influence through the systematic analysis of public messages. Students will be exposed to contemporary methods of rhetorical criticism which aid in the analysis of strategy and effect.

Prereq: 166-345.

**166-485/685 COMMUNICATION RESEARCH METHODS 3 cr**

An advanced-level undergraduate and graduate survey of methodologies and issues relevant to the practice of communication research.

> Prereq: Junior/senior standing. Unreq: 164-485/685.

**166-487 SENIOR ELECTRONIC MEDIA PROJECT 1-2 cr**

This course allows students the opportunity to complete a capstone research or production project during their senior year. Students work with one or more faculty who advise and evaluate the project. During class meetings students work on the design of their projects and present their projects and findings. Students also develop professional networking and job acquisition skills and work on resume and portfolio preparation.

Prereq: Senior standing plus the completion of at least 20 hours in the major including completion of Foundations of Electronic Media, Fundamentals of Audio Production and Studio Video Production.

**166-489 ADVANCEMENTS IN ORGANIZATIONAL COMMUNICATION 3 cr**

This is an advanced level course that exposes students to higher level organizational communication concepts and theories, which are applied and integrated within various contexts. Concentration on current/selected advancements in organizational communication with emphasis on supplemental readings and course materials.

Repeatable. Prereq: 166-327/527.

**166-490/690 WORKSHOP Repeatable 1-6 cr**

**166-491/691 TRAVEL STUDY Repeatable 1-3 cr**

**166-493C INTERNSHIP IN COMMUNICATION 1-3 cr**

Professional experience in which the student who aspires to a career in organizational communication/public communication, works for an approved employer in his/her area of interest. (A maximum of three credits of internship may be applied toward a speech communication major; a maximum of two credits may be applied toward a speech communication minor).

Prereq: Jr or sr st, cons instr and those courses deemed necessary by the internship advisor.

**166-493E INTERNSHIP IN COMMUNICATION 2-3 cr**

Professional experience in which the student works in the television, radio, or film industry under the supervision of a professional. Repeatable for a maximum of 3 credits in degree.

Prereq: 166-232 and 166-238 or 166-239 and approval of supervisor. Restricted to students with Junior or Senior status.

**166-493I PUBLIC RELATIONS INTERNSHIP 1-6 cr**

Professional experience in which the student who aspires to a career in public relations, works in an approved internship setting in his/her area of interest. (A maximum of three credits of internship may be applied toward a speech communication major; a maximum of two credits may be applied toward a speech communication minor.) Additional credits may be applied toward graduation, but not toward the major or minor.

Prereq: 166-203, 166-204, 3.00 GPA in the prerequisite courses and consent of instructor.

**166-494 SEMINAR 1-6 cr**

Repeatable. Prereq: Junior standing and consent of instructor.

**166-496/696 SPECIAL STUDY 1-3 cr**

Repeatable. Prereq: Junior standing and consent of instructor.

**166-498 INDEPENDENT STUDY 1-3 cr**

Repeatable. Prereq: Junior standing or consent of instructor.

**DEPARTMENT OF MUSIC**

*Phone:* 262-472-1310 800-621-8744

*E-Mail:* music@mail.uww.edu



*Faculty:* J. Michael Allsen, Janet Barrett, Kirby Bock, Myung-Hee Chung, Carmen Diagostine, Christian Ellenwood, Robin Fellows, George Ferencz, Jane Ferencz, Frank Hanson, Glenn Hayes, Jo Ann Hobbs, Linda Hurstad, Christine Johansen, Harry Johansen, Carlene McMonagle, Josh Ryan, Joyce Ryan, John Tuinstra, John Webb (Chairperson), Benjamin Whitcomb, and Steve Wiest.

Through its Bachelor of Music and Bachelor of Arts degree programs the Music Department offers its majors high-quality instruction and performance opportunities to prepare them for careers and/or advanced study in such areas as public school music teaching, performance, music theory or musicology, and studio teaching, as well as for the wide range of opportunities that exist in the music field. By completing a Minor in Music, students can gain not only personal satisfaction but knowledge and experience that can be of value as they pursue a chosen career.

The Department sponsors a variety of performing ensembles, which are open to all university students. Vocal groups include the Concert Choir, Chamber Singers, University Chorus, Women's Chorale, Class Act (jazz choir), and Opera Workshop. Instrumental groups include the Symphonic Wind Ensemble, University Orchestra, Concert Band, Marching Band, Jazz Ensembles, Brass Choir, Flute Choir, Clarinet Choir, Trombone Choir, Percussion Ensemble, and chamber groups. All provide rich and varied musical experiences and the opportunity to meet and perform with many talented musicians.

The UW-Whitewater Music Department is a fully accredited member of the National Association of Schools of Music. Prospective music majors should request application materials, audition requirements, and a schedule of audition dates from the department chairperson.

## PROGRAM REQUIREMENTS AND DEPARTMENTAL POLICIES

### Auditions

Students desiring to major in music must pass an audition in their primary performing area. If this cannot be completed before initial registration, music major status will be conditional pending a successful entrance audition. Music minors must pass an informal audition for a faculty member in their primary performing area in order to be accepted.

### Waivers

Entering majors or minors may, through the Advanced Placement Examination, be waived from Music Theory I (Music 151). Total credits required for graduation, however, remain unchanged.

### Other Requirements - Music Department Handbook

The Music Department Handbook contains important information which, due to space limitations, is not printed in the Catalog. Students are responsible for familiarizing themselves with its contents. The Handbook is updated as policies change or are added. All enrolled majors and minors-regardless of admission date-are bound by policies outlined in the most recent revision of this Handbook. This handbook may be found at <http://academics.uww.edu/CAC/Music/Handbook>. Students without on-line access may view a copy in the Music Department Office (CA 2038), or in the Arts Media Center (CA 16).

### Applied Music Study: Terminology and Policies

The term "Primary Performing Area" refers to the student's main performing medium - the one in which he/she must pass an entrance audition in order to be accepted as a music major, will receive instruction, and will be expected to maintain satisfactory progress over the course of study. For applied study in the Primary Performing Area, courses are arranged by level (for example, 150-160, 150-260, 150-360, and 150-460, in the case of instrumental instruction), which normally correspond to the freshman through senior years of enrollment.

Ordinarily a music major will have only one Primary Performing Area and will not change that area during the course of study. If a change is desired, the student must reaudition in the new performing area, and if successful, would be placed at the first term freshmen level for lessons in the new area. This change must have the consent of a) the department chairperson, b) the appropriate applied music area coordinator(s), and c) the two applied music instructors involved.

All other applied music study (class or private, required or elective) is termed "Secondary" or "Non-Primary" study. In the case of private instruction, the course numbers 150-126, 150-127, 150-128, 150-129, 150-326, 150-327, and 150-329 apply to such secondary study.

Credits: For all private applied study, a half-hour of instruction per week will receive one credit, with a maximum of one hour of instruction for two or more credits. A minimum of five hours of individual practice per week are required for each credit taken.

## Writing Proficiency Requirement

The papers written in Music History II (150-246) constitute the Music Department's Writing Proficiency Requirement. In order to pass this requirement, students must earn a combined grade of 81% or better. Students who receive a combined grade of 80% or less on the two papers will fail the Writing Requirement and must register for (and pass) English 680-370 - Advanced Composition before they may graduate.

## MAJORS/EMPHASES

The Music Department offers two undergraduate major programs, the Bachelor of Arts (BA) and Bachelor of Music (BM). Five emphases are possible under the Bachelor of Music program: Music Performance, Music History-Theory, Choral Music Education, Instrumental Music Education, and General Music Education.

Major and related course requirements for the BA and each of the five emphases for the BM degree are listed below. Immediately following is a series of notes related to applied music study and other requirements for these programs.

## MUSIC (BA)

### MAJOR - 40 CREDITS

1. 6 TERMS OF MUSC 150-100
2. MUSC 150-151, 150-152, 150-251, 150-252
3. MUSC 150-153, 150-154, 150-253, 150-254
4. MUSC 150-245, 150-246, 150-247
5. MUSC 150-455

SELECT 14 CREDITS WITH ADVISER FROM THE FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES:

6 terms of Primary Applied Instruction (See note 1) 6 cr

2 terms of 150-128 and/or Class Piano (unless Primary Applied is Keyboard) 0-2 cr

4 terms of ensembles (See note 9) 4 cr

Music electives other than ensembles 2-4 cr

TOTAL CREDITS 14 cr

CREDITS OUTSIDE THE 1ST MAJOR - 70 CREDITS

1. SELECT A MINIMUM OF 70 CREDITS OUTSIDE THE  
1ST MAJOR RLS

NOTE: AN APPROVED MINOR IS REQUIRED FOR B.A. MUSIC MAJORS

**MUSIC PERFORMANCE EMPHASIS (BM)**

Note: This Emphasis is intended for the highly qualified student who wishes concentrated music study in the area of performance. It is designed to prepare the student for graduate or other advanced study in his/her major performing medium. Enrollment in the Performance Emphasis during the first year of study is contingent upon the approval of the applied faculty in the student's performing area. The election of credits in primary applied instruction above the minimums stated below requires permission of the instructor. In all cases, acceptance into the Performance Emphasis is to be regarded as provisional, with permission to continue to be determined by performance before a faculty jury at the end of the first year of study. A similar jury must be passed by any student seeking transfer into the Performance Emphasis from another music emphasis.

MAJOR - 78 CREDITS

1. 7 TERMS OF MUSC 150-100
2. MUSC 150-151, 150-152, 150-251, 150-252
3. MUSC 150-153, 150-154, 150-253, 150-254
4. MUSC 150-245, 150-246, 150-247
5. MUSC 150-356 AND 150-443
6. MUSC 150-453, 150-454, AND 150-455
7. MUSC 150-489
8. 43-45 ADDITIONAL UNITS AS FOLLOWS:

Keyboard Performance:

Four levels of Primary Applied (6 u at each level) (see Note 6) 24 u.  
MUSC 339 Piano Pedagogy 2 u.  
Ensembles (see Note 7) 8 u.  
Music Electives 9 u.  
TOTAL UNITS 43 u

Vocal Performance:

Four levels of Primary Applied (6 u at each level)\*  
(see Note 6) 24 u.  
MUSC 275 AND MUSC 276 4 u.  
150-128 and/or Class Piano 6 u.  
150-338 Vocal Pedagogy 2 u.  
Ensembles (see Note 7) 8 u.  
TOTAL UNITS 45 cr

**Instrumental Performance:**

Four levels of Primary Applied (6 u at each level)  
(see Note 6) 24 u.  
MUSC 128 and/or Class Piano 6 u.  
Ensembles (see Note 7) 8 u.  
Music Electives 5 u.  
TOTAL UNITS 43 u

**MUSIC HISTORY-THEORY EMPHASIS (BM)**

This emphasis is designed to prepare the student for graduate study in musicology or theory/composition. Only students with an excellent overall academic record and demonstrated potential in these areas will be admitted. Approval of the history-theory faculty is required, one of whom will serve as academic adviser. Admission to this emphasis should be sought by the end of the freshman year. NOTE: The required 6-9 units of General Studies Humanities must include 4 units of French or German.

**MAJOR - 80 UNITS**

1. 8 TERMS OF MUSC 100
2. MUSC 151, 152, 251, 252
3. MUSC 153, 154, 253, 254
4. MUSC 245, 246, 247
5. MUSC 356
6. MUSC 453, 454 AND 455
7. MUSC 488
8. MUSC 450 \*
9. MUSC 498

Select 45 units with Adviser from:

Primary Applied Instruction 11 u.  
(8 u. at lower division, 3 u. at upper division)  
MUSC 128 and/or Class Piano\* 7 u.  
Ensembles (See note #10) 6 u.  
History-Literature and Theory/Composition Electives\*\* 10 u.  
Music Electives\* 4 u.  
TOTAL UNITS 45 u.

\*If primary applied is piano or organ, MUSC 128 is waived, and 7 u. added to Music Electives.

\*\* To include a minimum of 8 u. History-Literature from MUSC 343, MUSC 436, MUSC 439, MUSC 443, MUSC 445, MUSC 446, MUSC 447, MUSC 448, MUSC 496, and 2 u. Theory/Composition from MUSC 452, MUSC 459, MUSC 479, MUSC 496.

### **MUSIC EDUCATION CHORAL EMPHASIS (BM)**

The Music Education Choral Emphasis is designed to prepare the student for a career of teaching choral music in grades 6-12, and leads to licensure in secondary choral music. Students whose primary performing area is not voice must demonstrate, through audition before the voice faculty, a satisfactory level of vocal ability before being admitted to this program. The outline of courses assumes a primary performing area of either voice or keyboard (piano or organ). Students who wish to add general music licensure to the program of studies in the choral emphasis must complete additional course work as outlined in Note #11.

#### **LICENSURE - 31 UNITS**

1. EDFOUND 212 AND EDFOUND243
2. CIFLD160 and CIFLD 210
3. SECNDED 466
4. MUSC 422
5. SECNDED 438
6. SELECT 2 UNITS FROM CIFLD 492
7. DIRECTED TEACHING: SELECT 12 UNITS FROM CIFLD 414

#### **MAJOR - 74-75 UNITS**

1. 7 TERMS OF MUSC 100
2. MUSC 189 AND 292
3. MUSC 151, 152, 251, 252
4. MUSC 153, 154, 253, 254
5. MUSC 245, 246, 247
6. MUSC 275 AND 276
7. MUSC 150-338 AND 150-343
8. MUSC 190 AND 290
9. MUSC 356 AND 357
10. MUSC 453 AND 455
11. MUSC 488

Select 26-27 units with Adviser from the following list of applied and ensemble music courses:

13 units of applied study in primary performing area (see Note #2)

6 units of secondary piano instruction if voice is the primary performing area  
OR

7 units of secondary vocal instruction if keyboard or guitar is the primary performing area (see Note #4)

7 terms enrollment in MUSC 171 or 175

### **MUSIC EDUCATION INSTRUMENTAL EMPHASIS (BM)**

The objective of the following program of study is to prepare the student for a career of teaching instrumental music in the public schools (kindergarten through grade 12). Students are required to audition before the instrumental faculty to demonstrate a satisfactory level of proficiency on their instrument before being admitted to this program. Students who wish to add general music licensure to the program of studies in the instrumental emphasis must complete additional course work as outlined in Note #12.

### **LICENSURE - 34 UNITS**

1. EDFOUND 212 AND EDFOUND 243
2. CIFLD 160 and CIFLD 210
3. SECNDED 466
4. MUSC 422
5. ELEMID 437, SECNDED 437
6. SELECT 2 UNITS FROM CIFLD 492

6. DIRECTED TEACHING: SELECT 6 UNITS FROM CIFLD 411 AND 6 UNITS FROM CIFLD 414

#### MAJOR - 76-80 UNITS

1. 7 TERMS OF MUSC 100
2. MUSC 151, MUSC 152, MUSC 251, MUSC 252
3. MUSC 177
4. MUSC 153, MUSC 154, MUSC 253, MUSC 254
5. MUSC 245, MUSC 246, MUSC 247
6. MUSC 189, MUSC 190
7. MUSC 290
8. MUSC 362, MUSC 363, MUSC 364, MUSC 366 AND MUSC 368
9. MUSC 356 AND MUSC 358
10. MUSC 453 AND MUSC 455
11. MUSC 467 AND MUSC 468
12. MUSC 488

Select 23-27 units with Advisor from the following list of applied and elective music courses:

13 units of applied study in primary performing area (see Note 2)

3 units in secondary piano instruction

OR

7 units of MUSC 126 (principal secondary instrument) if keyboard is the primary performing area

7 terms band or orchestra (see Note 5)

#### **MUSIC EDUCATION GENERAL EMPHASIS (BM)**

The Music Education General Emphasis is designed to prepare the student for a career of teaching general music in grades K-12, and leads to licensure in elementary and secondary general music. Students whose primary performing area is not voice must demonstrate, through audition before the voice faculty, a satisfactory level of vocal ability before being admitted to this program. The outline of courses assumes a primary performing area of either voice or keyboard (piano or organ). Students who wish to add choral music licensure to the program of studies in the general emphasis must complete additional course work as outlined in Note #13.

#### LICENSURE - 34 UNITS

1. EDFOUND 212 AND EDFOUND 243
2. CIFLD 160 and CIFLD 210



3. SECNDED 466
4. MUSC 422
5. ELEMID 434 AND SECNDED 436
6. SELECT 2 UNITS FROM CIFLD 492
7. DIRECTED TEACHING: SELECT 6 UNITS FROM  
CIFLD 411 AND 6 UNITS FROM CIFLD 414

#### MAJOR - 71-72 UNITS

1. 7 TERMS OF MUSC 100
2. MUSC 166 AND MUSC 189
3. MUSC 292
4. MUSC 151, MUSC 152, MUSC 251, MUSC 252
5. MUSC 153, MUSC 154, MUSC 253, MUSC 254
6. MUSC 245, MUSC 246, MUSC 247
7. MUSC 338 AND MUSC 343
8. MUSC 190 AND MUSC 290
9. MUSC 356 AND MUSC 357
10. MUSC 453 AND MUSC 455
11. MUSC 488

Select 26-27 units with Adviser from the following list of applied and elective music courses:

13 units of applied study in primary performing area  
(see Note 2)

6 units of secondary piano instruction if voice is the primary performing area

OR

7 units of secondary vocal instruction if keyboard is the primary performing area (see Note 4)

7 terms enrollment in MUSC 171 or MUSC 175

#### NOTES

1. For BA (Music): Normally two terms each at the 100, 200, and 300 levels of primary applied instruction are required. Based on entrance audition, up to two terms of non-primary private applied instruction may be counted toward the six terms required. BA students must pass the upper division jury before graduation.
2. For BM (Music Education Choral/Instrumental/General and History-Theory): Seven terms of private study in the primary performing area required - two

each at levels 100, 200, 300. One term at level 400 is required with an additional term of 150-488 (Senior Recital). Permission of the instructor is required to take more than one credit per term. Two terms at level 100 with a grade of "C" or better in each are required to pass to level 200. At levels 200 and 300 two terms with a grade of "B" or better are required to pass to the next level. A student failing to meet these standards may continue study one additional term. If at the end of that term, the grade requirement is not met, the student will be dropped as a music major. Credits so earned may be applied toward graduation but will not count toward the completion of the term requirement for study in the primary performing area. Prior to being admitted to level 300 students must be approved by the full instrumental, keyboard, or voice faculty jury for upper-division standing.

For specific information about senior recital requirements, refer to the music department handbook.

3. For BM (Music Education/Choral and Music Education/General): Class Piano 150-186, 150-187, and 150-188 may be used in satisfying this requirement. At the discretion of the keyboard faculty, students with prior background (or who make unusually rapid progress) may substitute 150-128 private piano instruction for any or all of these courses.
4. For BM (Music Education/Choral and Music Education/General): Completion of Class Voice I (150-177), in addition to three terms of 150-127 Private Vocal Instruction Non-Primary level 1 and three terms of 150-327 Non-Primary level 2, satisfies this requirement. At the discretion of the voice faculty, 150-127 may be substituted for Class Voice.

5. For BM (Music Education/Instrumental): Students whose primary performing area is a wind or percussion instrument must enroll for seven terms in either 150-161 (Wind Ensemble, Concert Band) 150-162 (University Orchestra), or 150-169 (Marching Band) with no fewer than three registrations of 150-169. Students whose primary performing area is a string instrument must enroll in seven terms of 150-162 (University Orchestra). Students whose primary performance area is guitar must have a specific ensemble plan of study (of seven terms) approved by the department chairperson and the instrumental faculty.
6. For BM (Music Performance): At each level a grade of "B" or better for two terms is required to pass to the next level. A student failing to meet these standards may continue study one additional term. If at the end of that term, the grade requirement is not met, the student will be dropped as a music major. Credits so earned may be applied toward graduation but will not count toward the completion of the requirement for study in the Primary Performing Area. With permission of the instructor, a student may elect up to four credits of private study per term. For specific information about junior and senior recital requirements, refer to the music department handbook.
7. For BM (Music Performance): Students whose primary performing area is a wind or percussion instrument must enroll for eight different terms of instrumental ensembles to be chosen from the following: Jazz Ensemble, University Orchestra, or Wind Ensemble, with no fewer than 4 terms of Orchestra and/or Wind Ensemble. Students whose primary performing area is a string instrument must enroll for eight terms of Orchestra. Students whose primary performing area is voice must enroll for eight different terms of Concert Choir, Chamber Singers or University Chorus. Students whose primary area is keyboard must enroll in 2 to 4 different terms of Vocal and Instrumental Accompanying (150-482) or Chamber Music (150-383). The remainder of the requirement may be fulfilled in large ensembles. Students whose primary performance area is guitar must have a specific ensemble plan of study (of eight terms) approved by the department chairperson and the instrumental faculty.
8. For BM (Music Education/Instrumental): Instrumental techniques to be selected from 150-165, 150-167, 150-168, 150-265, 150-267, 150-268, 150-365 and 150-368. Students are required to take all courses except the one containing their primary performing instrument.
9. For BA (Music): Students whose primary performing area is a wind or percussion instrument must enroll for four different terms of instrumental ensembles. Two terms of this requirement must be selected from University

Orchestra, Wind Ensemble, Concert Band, Jazz Ensembles, or Marching Band. Students whose primary performing area is a string instrument must enroll for four terms of University Orchestra. Students whose primary performing area is voice must enroll for four different terms of Concert Choir, Chamber Singers, University Chorus, or Women's Chorale. Students whose primary performing area is keyboard must have a specific ensemble plan of study (of four terms) approved by the department chairperson and the keyboard faculty. Students whose primary performance area is guitar must have a specific ensemble plan of study (of four terms) approved by the department chairperson and the instrumental faculty.

10. For BM (History-Theory): Students whose primary performing area is wind, percussion or strings must enroll for six different terms of Wind Ensemble, Concert Band, or University Orchestra. Students whose primary performing area is voice must enroll for six different terms of Concert Choir Chamber Singers, or University Chorus. Students whose primary performing area is keyboard must have a specific ensemble plan of study (of six terms) approved by the department chairperson and the keyboard faculty. Students whose primary performance area is guitar must have a specific ensemble plan of study (of six terms) approved by the department chairperson and the instrumental faculty.
11. For Music Education Choral Emphasis students seeking an additional K-12 General Music licensure: Requirements include Folk Guitar 150-166 (1 cr), Elementary General Music Methods 430-234 (2 cr), Methods of Teaching General Music in the Middle/Secondary School 437-436 (2 cr), for a total of 5 additional credits. Directed teaching would also be divided into 6 credits at the elementary level 439-411, and 6 credits at the secondary level 439-414.
12. For Music Education Instrumental Emphasis students seeking an additional Secondary General Music licensure, add Folk Guitar 150-166 (1 cr) and Methods of Teaching General Music in the Middle/Secondary School 437-436 (2 cr) for a total of 3 additional credits. To add elementary general licensure to secondary general licensure, add an additional 6 credits of Voice, 2 credits of piano study, Elementary General Music Methods 430-234 (2 cr), and Field Study 439-492 (1 cr) for a total of 15 credits.
13. For Music Education General Emphasis students seeking an additional 6-12 Choral Music licensure, add Methods of Teaching Choral Methods in the Middle/Secondary School 437-438 (2 cr), and Diction Courses 150-276 (4 cr) for a total of 6 additional credits.

## **MINOR MUSIC**

## MINOR - 23 UNITS

1. 4 TERMS OF MUSC 100 (Recital Attendance)
2. MUSC 151 AND MUSC 153
3. MUSC 152
4. MUSC 186 OR WAIVER
5. MUSC 247

Select 14 additional units (with Minor advisor )from two or three of the categories below. Note: Music minors must pass an audition before permission to enroll in applied music will be granted.

### Applied Music Option (0 - 7 units)

MUSC 126, 127, 128, 129, 166, 177, 178, 187, 188 and 189

### Ensemble Option (4 - 7 units)

MUSC 161, 162, 164, 169, 171, 175, 269, 272 and 279

### Coursework Option (0 - 10 units)

MUSC 143, 144, 154, 240, 241, 244, 245, 246, 251, 252, 253 and 254

## MUSIC COURSE DESCRIPTIONS

### **MUSC 060 PRIVATE INSTRUMENTAL INSTRUCTION 1 cr IN THE PRIMARY PERFORMING AREA**

This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree. Prereq: Acceptance as a probationary music major.

**MUSC 070 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA 1 cr**

This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must audition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree. Prereq: Acceptance as a probationary music major.

**MUSC 080 PRIVATE KEYBOARD INSTRUCTION IN THE PRIMARY PERFORMING AREA 1 cr**

This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must audition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

Prereq: Acceptance as a probationary music major.

**150-100 RECITAL ATTENDANCE 0 cr**

Offered on a satisfactory/no credit basis only. A set number of recitals and concerts must be attended to fulfill the requirement. Open to and required of music majors and minors.

Repeatable.

**150-111 FUNDAMENTALS OF MUSIC 3 cr**

A required course for Early Childhood, Elementary and Middle School education majors. A prerequisite to 430-222 and 430-223. Not a General Studies Course.

**150-126 PRIVATE INSTRUMENTAL INSTRUCTION (Non-Primary) LEVEL I 1 cr**

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.

Repeatable.

Prereq: Open by audition and consent of the instructor.

**150-127 PRIVATE VOCAL INSTRUCTION (Non-Primary) LEVEL I 1 cr**

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.

Repeatable.

Prereq: Open by audition and consent of the instructor.

**150-128 PRIVATE PIANO INSTRUCTION (Non-Primary) LEVEL I 1 cr**

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.

Repeatable.

Prereq: Open by audition and consent of the instructor.

**150-129 PRIVATE ORGAN INSTRUCTION (Non-Primary) LEVEL I 1 cr**

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.

Repeatable.

Prereq: Open by audition and consent of the instructor.

**150-140 INTRODUCTION TO CLASSICAL MUSIC GA 2 cr**

A course in music appreciation emphasizing the organizational elements in music and the pertinence of these elements to perceptive listening. Lectures, concerts, assigned reading and directed listening. Not open to music majors and minors.

**150-143 SURVEY OF AMERICAN JAZZ GA 2 cr**

A listening approach to jazz with emphases both upon styles and the contribution made by selected jazz musicians of America. Other influences upon jazz will also be surveyed.

**150-144 CULTURAL MUSIC OF THE AMERICAS GA/Diversity 3 cr**

An exploration of the musical culture of native Americans, Latin Americans, and black Americans with regard to their significance in U.S. history and society of the present. Through music, ethnic similarities and differences will be studied to obtain a broad and meaningful perspective of these cultural effects.

Prereq: 900-110.

**150-150 INTRODUCTION TO MUSIC THEORY 2 cr**

A beginning course in music theory for interested students. The course content includes basic concepts of notation, pitch, rhythm, scales, and chords. Beginning

listening and music reading skills are taught. Credits not applicable to music major or minor.

**150-151 THEORY I 2 cr**

An approach to the comprehension of the basic tools of musicianship through the study of notation, clefs, meters, scales, modes, intervals, tonality, melody and harmony.

**150-152 THEORY II 2 cr**

An approach to the comprehension of the basic tools of musicianship through the study of part-writing, harmonic progression, chord functions, seventh chords and secondary dominants.

Prereq: 150-151.

**150-153 AURAL SKILLS I 2 cr**

An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work on melody, harmony and rhythm. Intended to be taken concurrently with Theory I (150-151).

**150-154 AURAL SKILLS II 2 cr**

The second of a series of four terms of basic musical training in ear training, sightsinging and rhythm intended to be the foundation courses for all music majors and minors.

Prereq: 150-153.

**150-160 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (100 LEVEL) 1-4 cr**

Study at this level includes the review and application of fundamental techniques in the selected area, and the performance of solo repertoire appropriate to the first year of college study. Repeatable. Open to music majors who have passed the entrance audition in their primary area.

**150-161 UNIVERSITY BANDS\* 1 cr**

Open to all students in the university. Symphonic Wind Ensemble meets in the evenings during the fall term and in the afternoons during the spring term. Concert Band meets only during the spring term, in the afternoons. For Marching Band information, please see 150-169. For Pep Band, please see 150-269.

Repeatable.

Prereq: Audition required for membership in Symphonic Wind Ensemble.

**150-162 UNIVERSITY ORCHESTRA\* 1 cr**

Open to all university students. Materials selected from standard orchestral literature.



Repeatable.

Prereq: Audition and consent of instructor.

### **150-164 JAZZ BANDS\* 1 cr**

Open to all university students. The Jazz Bands rehearse and perform various styles of the jazz band repertoire with a focus on skills in improvisation.

Repeatable.

Prereq: Audition and consent of instructor.

### **150-165 CLARINET TECHNIQUES 1 cr**

Study of clarinet and clarinet pedagogy, emphasizing embouchure formation, breathing, hand position, articulation and finger technique. A variety of teaching materials and methods will be explored.

Prereq: Music major or minor or cons instr.

### **150-166 FOLK GUITAR 1 cr**

An introduction to guitar through class lesson. Emphasis will be placed on the chordal approach to guitar playing in order to harmonize (accompany) popular folk melodies.

Prereq: Music major or minor or consent of instructor.

### **150-167 VIOLIN AND VIOLA TECHNIQUES 1 cr**

Study of violin and viola emphasizing methods suitable for use in school classes.

Prereq: Music major or minor or cons instr.

### **150-168 TRUMPET AND HORN TECHNIQUES 1 cr**

Study of the trumpet and horn emphasizing development of pedagogical and performance skills. Consideration given to the selection of appropriate teaching materials for beginning students.

Prereq: Music major or minor or cons instr.

### **150-169 MARCHING BAND\* 1 cr**

Open to all students in the university who play a wind or percussion instrument, or who have been or want to be in a color guard. Performs for all home games and travels periodically.

Repeatable. Offered fall term only.

### **150-170 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (100 LEVEL) 1-4 cr**

Study at this level includes the review and application of fundamental techniques and the performance of solo repertoire appropriate to the first year of college study.

Repeatable. Open to music majors who have passed the entrance audition in their primary area.

**150-171 CONCERT CHOIRS\* 1 cr** Membership open to all college men and women who have had previous choral experience. Activities consist of concerts, spring tour and special programs. The choir performs standard choral literature. Repeatable.

Prereq: Admission by audition.

**150-175 UNIVERSITY CHORUS\* 1 cr**

A chorus of mixed voices open to all university students, faculty and townspeople who enjoy singing. Activities consist of fall and spring concerts that include standard choral literature, with some emphasis on large scale works.

Repeatable. No audition required.

**150-177 CLASS VOICE I 1 cr**

Application of the basic fundamentals of vocal tone production and technique. Open to all university students, with priority given to music majors or minors fulfilling degree requirements.

**150-178 CLASS VOICE II 1 cr**

Continuation of application of the basic fundamentals of vocal tone production and technique. Priority given to music minors.

Prereq: 150-177 or advanced placement by audition.

**150-180 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL I) 1-4 cr**

Study at this level includes the review and application of fundamental techniques and the performance of solo repertoire appropriate to the first year of college study.

Repeatable. Open to music majors who have passed the entrance audition in their primary area.

**150-181 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL I) 1-4 cr**

Study at this level includes the review and application of fundamental techniques and the performance of solo repertoire appropriate to the first year of college study.

Repeatable. Open to music majors who have passed the entrance audition in their primary area.

**150-186 BEGINNING CLASS PIANO 1 cr**

Group instruction for music majors and minors who have had no previous keyboard training. Two one-hour meetings and four hours practice per week. Open to the general university student with priority given to music majors or minors fulfilling degree requirements.

**150-187 CLASS PIANO 1 cr**

Continuation of 150-186 or the equivalent. Students must audition prior to or during registration to be accepted at this level. Two one-hour meetings and four hours practice per week.

**150-188 CLASS PIANO 1 cr**

A continuation of 150-187 or the equivalent. Students must audition prior to or during registration to be accepted at this level. Two one-hour meetings and four hours practice per week.

Prereq: 150-187 or equivalent

**150-189 FUNCTIONAL CLASS PIANO 1 cr**

Continuation of 150-188 or the equivalent. Students must audition prior to or during registration to be accepted at this level. Applied piano or organ lessons may be taken simultaneously. Instrumental music education majors are encouraged to enroll in this course during their last term of piano study. Two one-hour meetings plus four hours of practice per week.

**MUSC 190 MUSIC IMPROVISATION 1 u**

An exploration of the basic harmonic and melodic skills necessary to compose spontaneously. Examination of melodic and chord/scale vocabularies as they relate to specific styles such as jazz, Latin jazz, blues, rock, and bluegrass.

Prereq: MUSC 151

**150-240 SURVEY OF LATIN AMERICAN MUSIC 3 cr**

This course is an overview of Latin American musical styles. The course will begin with a survey of folkloric styles in Spain and across Latin America, and will move on to contemporary Latin American popular styles and art music by Latin American composers. Previous musical experience is not necessary.

Prereq: 900-110

**150-241 SURVEY OF AFRICAN AMERICAN MUSIC 3 cr**

The course is a survey of the African American contribution to the musical heritage of the United States. Styles discussed will include: Black musics of the 19th century, the Blues, Gospel, Jazz, and popular styles from Doo Wop to Hip Hop, as well as art music by African American composers. Previous musical experience is not necessary.

Prereq: 900-110

**150-244 NATIVE AMERICAN MUSIC GA/Diversity 3 cr**

An exploration of the musical culture of native Americans with regard to its significance in U.S. history and society of the present. Through music, ethnic

similarities and differences will be studied to obtain a broad and meaningful perspective of these cultural effects.

Prereq: 900-110.

### **150-245 MUSIC HISTORY I GA 3 cr**

A survey of the history of Western music, from Antiquity to 1600. The course emphasizes music listening and style analysis of Medieval and Renaissance music, along with basic bibliographic knowledge necessary for the music student.

Prereq: 900-110 and 150-151 and 150-152 or consent of instructor.

### **150-246 MUSIC HISTORY II GA 3 cr**

A continuation of 150-245. A survey of the history of Western music, from 1600 to 1800. The course emphasizes music listening and style analysis of Baroque and Classical period music.

Prereq: 900-110 and 150-151 and 150-152 or consent of instructor.

### **150-247 MUSIC HISTORY III GA 3 cr**

A continuation of 150-246. A survey of the history of Western music, from 1800 to the present. The course emphasizes music listening and style analysis of Romantic and Contemporary music, including popular styles.

Prereq: 900-110 and 150-151 and 150-152 or consent of instructor.

### **150-251 MUSIC THEORY III 2 cr**

An approach to the comprehension of the basic tools of musicianship through the study of modulation and chromatic harmony.

Prereq: 150-152.

### **150-252 MUSIC THEORY IV 2 cr**

A study of the tonal, melodic, and formal organization of art music since 1900. Students will examine works characterizing a diversity of compositional styles and explore appropriate methods of analysis.

Prereq: 150-251.

### **150-253 AURAL SKILLS III 2 cr**

An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work in melody, harmony and rhythm at a more advanced level than Aural Skills II.

Prereq: 150-152 and 150-154.

### **150-254 AURAL SKILLS IV 2 cr**

An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work in melody, harmony and rhythm at a more advanced

level than Aural Skills III.  
Prereq: 150-251 and 150-253.

**150-260 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (200 LEVEL) 1-4 cr**

Study at this level is a continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the coverage and performance of standard repertoire.

Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better in each term ("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

**150-265 FLUTE TECHNIQUES .5 cr**

Study of flute emphasizing correct embouchure, fingering, tonguing and breathing. Varied approaches to developing technique.

Prereq: 150-165.

**150-267 CELLO AND STRING BASS TECHNIQUES 1 cr**

Study of cello and string bass emphasizing methods suitable for use in school classes.

Prereq: Music major or minor or cons instr.

**150-268 TROMBONE, BARITONE AND TUBA TECHNIQUES 1 cr** Study of trombone, baritone and tuba emphasizing correct embouchure, breathing, articulation and fingering. Considerations given to problems related to the selection of beginning brass players.

Prereq: Music major or minor or cons instr.

**150-269 INSTRUMENTAL ENSEMBLE\* 1 cr**

Instrumental ensembles that are regularly offered in the spring term include Pep Band, Flute Choir, Brass Ensemble and related groups (Horn/Trombone/Tuba-Euphonium Choirs), and Percussion Ensemble. Smaller chamber ensembles can be formed as student interest warrants. Membership is open to all university students.

Repeatable. Some groups require an audition.

**150-270 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 2) 1-4 cr**

A continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the study and performance of standard repertoire.

Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better each term

("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

**150-271 OPERA PERFORMANCE TECHNIQUES 1 cr**

A study of basic techniques for the singer/actor through performance of scenes from operatic masterworks of various historical periods. Repeatable.

Prereq: Audition or consent of instructor.

**150-272 PRACTICUM IN MUSIC THEATRE 1 cr**

Participation as a singer or orchestra member in a university production. Repeatable.

Prereq: Audition or consent of instructor.

**150-273 OBOE TECHNIQUES .5 cr**

Study of oboe emphasizing correct embouchure, fingering, tonguing and breathing. Varied approaches to developing technique.

Prereq: 150-165.

**MUSC 275 DICTION FOR SINGERS I 2 u**

Language diction as applied to singing. The emphasis in this course is on Singer's English and Italian Diction.

Prereq: One term of college level private or class voice study or consent of instructor.

**MUSC 276 DICTION FOR SINGERS II 2 u**

Language diction as applied to singing. This course deals with Singer's German and French Diction.

Prereq: MUSC 275 and two prior terms of college level voice.

**150-279 VOCAL ENSEMBLE\* 1 cr**

The study and performance of selected vocal chamber music. Ensembles include Women's Chorale and Class Act (jazz/show choir). Repeatable. Open to all students by audition.

**150-280 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 2) 1-4 cr**

A continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the study and performance of standard repertoire.

Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better in each term ("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

**150-281 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 2) 1-4 cr**

A continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the study and performance of standard repertoire.

Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better in each term ("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

**MUSC 290 TECHNOLOGY FOR MUSIC EDUCATORS 2 u**

Aspects of music technology essential to music educators, such as the use of music software in notation and composition, MIDI-based sequencing and sampling, digital recording and production, basic live sound techniques, and basic technology grant-writing strategies.

**MUSC 292 INSTRUMENTAL TECHNIQUES 1 u**

Instrumental Techniques is designed to provide vocal and keyboard majors with fundamental techniques for playing wind, string, and percussion instruments. Additionally, students in the choral and general music education emphases will gain expertise in using instruments of various musical traditions in the curriculum.

Prereq: Admission to Professional Ed

**150-327 PRIVATE VOCAL INSTRUCTION (NON-PRIMARY) LEVEL 2 1 cr**

A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature.

Repeatable for a maximum of 3 credits in major.

Prereq: Successful completion of four terms of 100 Level, and consent of the faculty.

**150-328 PRIVATE PIANO INSTRUCTION (NON-PRIMARY) LEVEL 2 1 cr**

A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature.

Repeatable for a maximum of 3 credits in major.

Prereq: Successful completion of four terms of 100 Level, and consent of the faculty.

**MUSC 338 APPLIED VOICE PEDAGOGY 3 u**

Functional knowledge of the singing voice and its development for children, adolescents, and adults. Instructional methods and teaching skills, and appropriate methods for teaching voice.

Prereq: Six terms of applied voice.

**150-339 PIANO PEDAGOGY 2 cr**

A critical and intensive examination of teaching materials and skills essential for teaching the piano.

Prereq: 4 terms of applied piano.

**150-340 MUSIC EDUCATION FOR STUDENTS WITH EXCEPTIONALITIES  
2 cr**

This course for music education students will address the design and implementation of music programs to serve children and adolescents with exceptional educational needs. Theories of development will provide a foundation for the acquisition of strategies and instructional techniques for teaching music in inclusive educational settings. Students will apply knowledge of exceptionalities to adapt the curriculum in instrumental, choral, and general music.

Prereq: Concurrent registration in Pre-Professional Block (439-200F) is required.

**150-343 CHORAL LITERATURE 2 cr**

A survey of choral literature from the sixteenth century to the present, including the evaluation of choral works for school and church choirs and small ensembles.

Prereq: 150-251.

**150-356 CONDUCTING 2 cr**

The technique, practice and principles of conducting. Emphasis on the development of effective hand and baton technique through drill and examples of the various meter patterns, tempi, styles, dynamics and musical terms.

Prereq: 150-252.

**150-357 CHORAL CONDUCTING 2 cr**

Advanced choral conducting techniques with emphasis placed on rehearsal problems and solutions as well as choral organization management.

Prereq: 150-356.

**150-358 INSTRUMENTAL CONDUCTING 2 cr**

Advanced conducting techniques with emphasis on both the gestural aspects of conducting and score study.

Prereq: 150-356.

**150-360 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY  
PERFORMING AREA (LEVEL 3) 1-4 cr**

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature.

Repeatable.



Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

### **MUSC 362 STRING INSTRUMENT TECHNIQUES 3 u**

Students will learn fundamentals of both right and left hand technique including tone production, various bowing styles, intonation, shifting, and vibrato. Students will also learn pedagogical strategies for teaching string instruments in school settings.

Prereq: Music major

### **MUSC 363 WOODWIND TECHNIQUES I 2 u**

Woodwind Techniques I provides music education students seeking licensure, functional instruction on non-primary woodwind instruments. The course emphasizes the development of pedagogical and performance skills relative to clarinet and flute and diagnose and solve the problems of embouchure, breathing, posture, tone production, hand position, technique, and basic musicianship.

Prereq: MUSC 252

### **MUSC 364 WOODWIND TECHNIQUES II 2 u**

Woodwind Techniques II provides music education students seeking licensure, functional instruction on non-primary woodwind instruments. The course emphasizes the development of pedagogical and performance skills relative to oboe, bassoon and saxophone. The student will demonstrate a functional performance level on the oboe, bassoon and saxophone, and diagnose and solve the problems of embouchure, breathing, posture, tone production, hand position, technique, and basic musicianship.

Prereq: MUSC 363

### **150-365 SAXOPHONE AND BASSOON TECHNIQUES 1 cr**

Study of saxophone and bassoon emphasizing correct embouchure, fingering, tonguing and breathing. Varied approaches to developing technique.

Prereq: 150-165.

### **MUSC 366 BRASS INSTRUMENT TECHNIQUES 3 u**

Study of brass instrument pedagogical and performance skills to help prepare instrumental music education majors to teach brass instruments to beginning and intermediate students, and to support more advanced students with a knowledge of pedagogical and performance practices, related materials, and equipment.

Prereq: Music major or consent of instructor.

### **150-368 PERCUSSION TECHNIQUES 2 cr**

Study of snare drum, timpani, keyboard percussion, drum set and other percussion instruments. Consideration given to the problems of the beginning percussionist.

Repeatable.

Prereq: Music major or minor or consent of instructor.

**150-370 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 3) 1-4 cr**

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature. Performance majors will give a twenty-minute recital.

Repeatable.

Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

**150-380 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 3) 1-4 cr**

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature.

Repeatable.

Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

**150-381 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 3) 1-4 cr**

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature.

Repeatable.

Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

**150-383 CHAMBER MUSIC 1 cr**

Rehearsal and performance of music for diverse small ensembles. Repeatable. Credit for 150-383 will not be given for work undertaken as part of any applied lesson course work or for Senior Recital 150-488 or 150-489.

Prereq: consent of instructor.

**150-422/622 ASSESSMENT OF MUSIC LEARNING 2 cr**

Students will investigate theories and techniques for assessing musical behaviors such as performance, creation, analysis, and reflection. The development of teacher-designed assessment strategies and the use of standardized tests for the measurement of musical aptitude and achievement will be addressed. The course will also focus on evaluation and reporting of student achievement in music classrooms and rehearsal settings.

Prereq: Admission to professional education is required. Concurrent registration in 437-436 or 430-234 and 439-492.

**150-438/638 MEDIEVAL MUSIC 2 cr**

Musical trends from c. 500-1400, the development of Western European musical style from Antiquity to the Renaissance. Analysis of representative works.

Prereq: 150-245, 150-246 and 150-247.

**150-439/639 THE HISTORY OF JAZZ 2 cr**

The history of jazz examines the medium through historical writings and listening analyses. The course encompasses jazz history from the earliest influences to the current state of jazz.

Prereq: 150-247 and 150-252 or consent of instructor.

**150-440/640 THE HISTORY AND LITERATURE OF THE WIND BAND AND WIND ENSEMBLE 2 cr**

The history and literature of the wind band and wind ensemble will be examined through historical documentation and literature analysis. The course will encompass ancient and Medieval wind music through the 20th century.

Prereq: 150-247 and 150-252 or consent of instructor.

**MUSC 443 LITERATURE AND PEDAGOGY OF THE MAJOR PERFORMING AREA 2 u**

Designed to acquaint the student with the literature and pedagogy of his/her major performance medium through performance, recordings, analysis and examination of pedagogical materials and techniques. Criteria for evaluating the aesthetic worth of specific compositions are given special emphasis. Repeatable.

Prereq: Two years of study in principal performance area.

**150-445/645 RENAISSANCE MUSIC 2 cr**

Musical trends from c. 1400-1600, the development of Western European musical style through the Renaissance. Analysis of representative works.

Prereq: 150-245, 150-246 and 150-247 or consent of instructor.

**150-447/647 MUSIC OF THE CLASSICAL PERIOD 2 cr**

Musical trends from C. 1720-1830, the development of Western European musical style from the mid-18th century through Haydn, Mozart and Beethoven. Analysis of representative works.

**150-448/648 MUSIC OF THE ROMANTIC PERIOD 2 cr**

Musical trends from c. 1800-1910; the development of Western European musical style during the 19th century. Analysis of representative works.

**MUSC 450 SURVEY OF WORLD MUSICS 3 u**

Provides a basic introduction to ethnomusicological methods and problems, surveys

several non-Western musical cultures. Students will analyze representative works and conduct independent research on a pertinent topic.

Prereq: MUSC 245 AND MUSC 246 AND MUSC 247

### **150-452 MIDI TECHNIQUES 2 cr**

A study of Musical Instrument Digital Interface sequencing technology. Students will use the UW-W MIDI Lab's computer, synthesizer, digital recording and sound processing equipment, and sequencing software. A final recording project will incorporate both live and digital sound sources.

Prereq: 150-152 or consent of instructor.

### **150-453 ARRANGING 2 cr**

A study of orchestration, band scoring, and writing for smaller instrumental ensembles, emphasizing fluency in score reading and transpositions. Students will also be presented with an introduction to basic choral arranging principles.

Prereq: 150-252 and 150-254.

### **150-454/654 COUNTERPOINT 2 cr**

A study of contrapuntal technique, centering on the 18th century style. The fugue, passacaglia, and other forms are analyzed. Students will complete projects in two and three voices.

Prereq: 150-252.

### **150-455/655 FORM AND ANALYSIS 2 cr**

A study of the basic structural components employed in traditional long forms. Analysis, centered on the Classical period, will also include works of other eras.

Prereq: 150-252 and 150-254.

### **150-457 MUSIC COMPOSITION 2 cr**

Creative writing in various idioms, utilizing both harmonic and contrapuntal techniques.

Repeatable with consent of instructor.

Prereq: 150-252 or consent of instructor.

### **150-458/658 JAZZ IMPROVISATION 1 cr**

The study and practice of jazz improvisation. Study of the fundamentals of jazz music theory and nomenclature. Listening to, and transcribing historic jazz solos.

Performance of modal jazz and 12 bar blues.

Prereq: 150-152 and audition or consent of instructor.

### **150-459/659 JAZZ ARRANGING AND COMPOSITION 2 cr**

An in-depth study of the formats and techniques involved in arranging and composing

for the jazz small group (4 horns and rhythm section). A complete AABA song form arrangement for jazz small group will be required, performed and recorded.

Prereq: 150-251 or consent of instructor.

### **150-460 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 cr**

A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital.

Repeatable.

Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

### **150-461/661 ADVANCED JAZZ IMPROVISATION 1 cr**

Continued study and practice of jazz improvisation. Study of more advanced concepts in jazz music theory. Listening to and transcribing historic jazz solos. Performance of 12 bar blues, minor blues, "rhythm changes", and jazz standards.

Prereq: 150-458/658 or consent of instructor.

### **150-463/663 MUSIC AFTER 1900 2 cr**

Musical trends from c. 1900 to the present, the development of Western European musical style from Impressionism to Post-Modernism. Analysis of representative works.

Prereq: 150-245, 150-246 and 150-247.

### **150-467/667 JAZZ PEDAGOGY I 1 cr**

An intensive study of the methodologies for teaching jazz. Focus areas include jazz history, jazz theory, jazz improvisation, and jazz program resources.

Prereq: 150-252 or consent of instructor.

### **150-468/668 MARCHING BAND TECHNIQUES 1 cr**

An intensive study of numerous pedagogical and administrative methods necessary to create and educational marching band experience. Topics include fundamentals of drill design, music selection, comprehensive show planning, teaching methodologies, auxiliary groups, and marching percussion.

Prereq: 150-252 or consent of instructor.

### **150-469/669 JAZZ PEDAGOGY II 1 cr**

Students in Jazz Pedagogy II will acquire hands-on experience with the organization, performance, and directing of both the large and small jazz ensembles. This will be facilitated through a student big band and multiple small groups that will include class members on major or secondary instruments. Volunteer students will cover positions not available in the class enrollment to achieve complete instrumentation in all of the ensembles.

**150-470 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 cr**

A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital.

Repeatable.

Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

**150-479/679 ADVANCED JAZZ ARRANGING 2 cr**

An indepth study of the formats and techniques involved in arranging and composing for the jazz big band (4 trumpets, 4 trombones, 5 saxophones, piano, guitar, bass, and drums). A complete arrangement for modern jazz big band will be required, performed and recorded.

**150-480 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 cr**

A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital.

Repeatable.

Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

**150-481 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 cr**

A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital.

Repeatable.

Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

**150-482 VOCAL AND INSTRUMENTAL ACCOMPANYING 1 cr**

A study of principles of vocal and instrumental accompanying. Practical accompaniment projects carried out under supervision.

Repeatable four times for major/degree.

Prereq: Consent of instructor.

**150-488 SENIOR RECITAL 1 cr**

Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 20 minutes of music and its performance on a public recital. One credit of Level 400 instruction in the Primary Performing Area may be elected concurrently.

**150-489 SENIOR RECITAL (PERFORMANCE) 1 cr**

Prerequisite: Two terms of private instruction in the Primary Performing Area at 300

Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 45 minutes of music and its performance on a public recital. Two or three credits of Level 400 instruction in the Primary Performing Area should be elected concurrently.

**150-490/690 MUSIC WORKSHOP Repeatable 1-6 cr**

**150-491 TRAVEL STUDY Repeatable 1-3 cr**

**150-496/696 SPECIAL STUDIES Repeatable 1-4 cr**

**150-498 INDEPENDENT STUDY 1-4 cr**

Repeatable.

Prereq: Consent of the interested staff member and the department chairperson. (Open to juniors and seniors majoring or minoring in music.)

*\*Note to non-music majors: These one-credit instrumental and vocal ensembles may be repeated. Though all such music ensemble credits earned will appear on your transcript, no more than six will be applied toward graduation.*

## **DEPARTMENT OF THEATRE/DANCE**

*Phone:* 262-472-1566

*E-Mail:* thtrdnce@uwwvax.uww.edu

*Faculty:* Marshall Anderson, James Butchart, Steven Chene, Thomas Colwin, Linda Hurstad (Chairperson), Charles Grover, Marc Kotz, Robin Pettersen, Jane Purse-Wiedenhoeft, Cassandra Welliver, Sylvia Zweifel.

The creation of successful theatrical productions requires the knowledge, skills and talents of a number of artists, technicians and management/promotion specialists. With its outstanding, well-equipped theatre facilities, its highly-skilled and enthusiastic faculty, its comprehensive curriculum and its emphasis on practical experience, the UW-Whitewater Theatre/Dance department will provide you a number of opportunities to acquire the knowledge and experience necessary for a successful career in theatre/dance, or related areas of the arts, communications, education or business.

The department offers three degree programs: the Bachelor of Science in Theatre Education, the Bachelor of Arts in Theatre Art and the Bachelor of Fine Arts in Theatre.

The Bachelor of Science in Theatre Education program provides future teachers with a broad-based theatre education while providing additional training in the areas of theatre most critical to success in their future profession. In addition, Theatre Education majors follow the Education track which will fulfill teaching licensure requirements.

The Bachelor of Arts in Theatre is a liberal arts degree which offers the opportunity for broad-based exposure to all areas of theatre. The curriculum includes studies in acting, directing, technology, design, history/criticism, and management/promotion.

The Bachelor of Fine Arts in Theatre is a pre-professional degree program. It offers a broad-based core of theatre studies along with an individually designed course of study which focuses on a specific area of emphasis. Students in this program choose an emphasis course of study for intensive training in Performance, Design/Technology or Management/Promotion. The B.F.A. program does not require a minor, but admission and retention are based on acceptable auditions or portfolios and minimum GPA requirements.

Each program is geared toward your particular creative potentials and career aspirations.

Minor programs are also offered in theatre and dance. The dance minor provides in-depth training in contemporary (Modern) Ballet and Tap technique. The creative processes of Improvisation and choreography are studied, and students have opportunities to perform for the public each term. These programs are particularly appealing to students who are seeking an outlet for their creativity or who want to enhance their communication and practical problem-solving abilities. Theatre or dance minors can provide an effective complement for a number of different major programs in liberal arts, education or business.

All students of the University, regardless of their major or minor, are encouraged to participate in theatre and dance productions as a performer or as a member of the numerous technical crews or one of the management/promotion positions which are involved in the preparation of a theatre event for an audience. Anyone interested is encouraged to come to the Theatre/Dance office in 2076 Center of the Arts.

## **MAJORS/EMPHASES**



Practicum Credit: May be earned in 133-201, 133-202, 133-203, 133-204, 133-205, 133-206, 133-207, 133-208, 133-209, 133-210, 133-300, 133-301, 133-302, 133-304, 133-305, 133-306, 133-308, 133-309, 133-312. A maximum of six 200-level practicum credits and a maximum of eight 300-level practicum credits will be accepted toward graduation. No more than 7 of these credits will count toward the aggregate requirement of 42 credits necessary for the B.A. in Theatre.

## **THEATRE (BA)**

### **MAJOR - 42 CREDITS**

1. THTR 133-110, 133-120, 133-225 AND 133-251
2. SELECT 1 CRED FROM COURSE THTR 133-204
3. SELECT 1 CRED FROM COURSE THTR 133-206
4. SELECT 2 CRED FROM AT LEAST 2 COURSES THTR 133-201, 133-202, 133-203, 133-205, 133-207, 133-208, 133-209 AND 133-210
5. SELECT 12 CRED FROM COURSES THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
6. THTR 133-332
7. SELECT 3 - 4 CREDITS FROM 1 OPTION
  - a. THTR 133-242 AND DNCE 131-141
  - b. THTR 133-252
  - c. THTR 133-207 or 133-361 or 133-362
8. SELECT 5-6 CRED OF THEATRE/DANCE ELECTIVES, DEPENDING UPON THE OPTION USED IN #8.

### **CREDIT OUTSIDE 1ST MAJOR - THTR 133 - 70 CREDITS**

1. SELECT A MINIMUM OF 70 CREDITS OUTSIDE THE 1ST MAJOR RLS WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF ONE OF THEATRE HISTORY/LIT COURSES 133-346, 133-471, 133-472 OR 133-478.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **THEATRE BFA PERFORMANCE EMPHASIS**

### **MAJOR - 78 CREDITS**

1. THTR 133-110, 133-120, 133-225, 133-251 AND 133-252

2. SELECT 1 CRED FROM COURSE THTR 133-204
3. SELECT 1 CRED FROM COURSE THTR 133-206
4. THTR 133-242 AND 133-332
5. SELECT 12 CRED FROM HISTORY/LIT COURSES THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
6. THTR 133-230, 133-328 AND 133-325
7. THTR 133-220, 133-320 AND 133-422
8. THTR 133-215
9. DNCE 131-141
10. SELECT 6 CRED FROM PRACTICUM COURSES THTR 133-201, 133-202, 133-209, 133-210, 133-300, 133-301 AND 133-312
11. THTR 133-499
12. IN CONSULTATION WITH ADVISER SELECT 10 CRED FROM COURSES THTR 133-230, SPCH 166-234, 166-238, 166-244, 66-331, 166-230, 166-231, 166-332, MUSC 150-177, 150-178, P ED 440-115, DANCE 131-243, 131-244, 131-330, 131-348, LANGUAGES AND LITERATURES - ENGLISH 608-404, 608-405 OR OTHER COURSES APPROVED BY THE DEPARTMENT

#### WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF ONE OF THEATRE HISTORY/LIT COURSES 133-346, 133-471, 133-472 OR 133-478.

#### **THEATRE BFA DESIGN/TECHNOLOGY EMPHASIS**

MAJOR - 78 CREDITS

1. THTR 133-110, 133-120, 133-225, 133-251 AND 133-252
2. SELECT 1 CRED FROM COURSE THTR 133-204
3. SELECT 1 CRED FROM COURSE THTR 133-206
4. THTR 133-242 AND 133-332
5. SELECT 12 CRED FROM HISTORY/LIT COURSES THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
6. THTR 133-345 AND 133-454
7. THTR 133-343 or 133-354
8. TWO TERMS OF THTR 133-460
9. SELECT 6 CRED FROM PRACTICUM COURSES THTR 133-203, 133-205, 133-208, 133-209, 133-300, 133-302, 133-304, 133-305, 133-306 AND 133-308
10. THTR 133-499

11. IN CONSULTATION WITH ADVISER SELECT 18 CRED FROM COURSES THTR 133-320, 133-343, 133-354, 133-433, 133-460, ART HIST (115) COURSES, ART 110-102, 110-103, 110-201, 110-202, 110-321, OR OTHER COURSES APPROVED BY DEPARTMENT

WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF ONE OF THEATRE HISTORY/LIT COURSES 133-346, 133-471, 133-472 OR 133-478.

### **THEATRE BFA MANAGEMENT/PROMOTION EMPHASIS**

MAJOR - 78 CREDITS

1. THTR 133-110, 133-120, 133-225, 133-251 AND 133-252 SELECT 1 CRED FROM COURSE THTR 133-204
2. SELECT 1 CRED FROM COURSE THTR 133-206
3. THTR 133-242 AND 133-332
4. SELECT 12 CRED FROM HISTORY/LIT COURSES THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
5. THTR 133-361, 133-362, 133-363, 133-364 AND MKTG 260-311
6. SELECT 1 CRED FROM COURSE THTR 133-202
7. SPCH 166-202 AND 166-203
8. SELECT 3 CRED FROM COURSES THTR 133-207 AND 133-309
9. THTR 133-499
10. ACTG 210-244 AND MGNT 250-301
11. IN CONSULTATION WITH ADVISER SELECT 12 CRED FROM COURSES THTR 133-300, 133-302, 133-493, ART 110-180, MGNT 250-211, 250-320, 250-385, JOUR 164-220, 164-245, 164-303, 164-320, 164-321, SPCH 166-204, 166-240, 166-242, OR OTHER COURSES APPROVED BY THE DEPARTMENT

WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF ONE OF THEATRE HISTORY/LIT COURSES 133-346, 133-471, 133-472 OR 133-478.

Note: Each student in the BFA option designs a program in consultation with an adviser. Courses appropriate to the student's needs and area of emphasis may be selected from any department in the university. The program must include a 3-credit Production Project (133-499) in the area of emphasis. The entire program must be planned and presented to the department for approval before the end of the student's

sophomore year. A 2.75 grade point is required in the approved program for graduation.

## **THEATRE (BSE)**

The student must meet the requirements for admission to the College of Education and Directed Teaching. The student is strongly urged to consult with an adviser and the Theatre supervisor of Directed Teaching during the first year on campus for assistance in planning a coordinated program. The student may earn a Bachelor of Arts with a major in Theatre and licensure for teaching by fulfilling the requirements for the Bachelor of Arts (major in Theatre) and the Bachelor of Science in Education (major in Theatre Education).

### **LICENSURE - 35 CREDITS**

1. EDFD 423-212 AND 424-425
2. EDFD 420-243 OR 420-445
3. C&I 437-434 AND 437-466
4. SELECT 2 CRED FROM COURSE C&I 439-210
5. SELECT 12 CRED FROM COURSE C&I 439-414
6. SELECT 3 CREDITS FROM COURSE C&I 439-492
7. SELECT 3 CREDITS FROM SPED 480-205

### **MAJOR - 42 CREDITS**

1. THTR 133-110, 133-120, 133-225, 133-242, 133-251, 133-252, 133-332 AND 133-433
2. SELECT 6 CRED FROM COURSES THTR 133-346, 133-369, 133-471, 133-472, 133-478
3. THED 133-204
4. THED 133-206
5. SELECT 2 CRED FROM AT LEAST 2 COURSES THTR 133-201, 133-202, 133-203, 133-205, 133-207, 133-208 AND 133-209
6. SELECT 7 ELECTIVE THEATRE/DANCE CREDITS (ADDITIONAL COURSES IN DESIGN AND TECHNICAL THEATRE ARE RECOMMENDED)

### **WRITING PROFICIENCY:**

GRADE OF B OR BETTER IN THE WRITING PORTION OF ONE THEATRE HISTORY/LIT COURSES 133-346, 133-471, 133-472 OR 133-478 OR ENGL 680-271 (IF ENGLISH IS SECOND MAJOR)

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**MINOR/EMPHASIS THEATRE**

MINOR - 24 CREDITS

1. THTR 133-110, 133-120, 133-251 AND 133-332
2. SELECT 3 CRED FROM 1 THEATRE HISTORY COURSE THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
3. SELECT .5 CRED FROM COURSE THTR 133-204
4. SELECT .5 CRED FROM COURSE THTR 133-206
5. SELECT 6 CREDITS FROM OTHER THEATRE/DANCE COURSES

**THEATRE - ELEMENTARY/SECONDARY**

MINOR - 24 CREDITS

1. THTR 133-110, 133-120 AND 133-251
2. THTR 133-332 AND 133-325
3. SELECT .5 CRED FROM COURSE THTR 133-204
4. SELECT .5 CRED FROM COURSE THTR 133-206
5. SELECT 6 CREDITS FROM OTHER THEATRE/DANCE

**COURSE MINOR/EMPHASES DANCE**

MINOR - 22 CREDITS

1. DNCE 131-110, 131-141, 131-145 AND 131 200
2. DNCE 131-243, 131-244, 131-320 AND 131-420
3. SELECT 5 CRED FROM COURSES THTR 133-252, MUSC 150-111, P ED 442-200 OR FROM DEPT 131

Minor requirements in dance for students in the College of Letters and Sciences are identical to the above requirements.

Students who wish to present courses in dance for a physical education major or minor are advised to consult the Department of Health, Physical Education, Recreation & Coaching.

**DANCE SECONDARY EDUCATION EMPHASIS**

MINOR - 24 CREDITS

1. DNCE 131-110, 131-141, 131-145 AND 131-243
2. DNCE 131-244 AND 131-320
3. HPER 442-200 AND 442-314
4. SELECT 4 CRED FROM COURSES P ED 442-271 OR BIOL 630-360
5. SELECT 2 CRED FROM COURSES THTR 133-252, MUSC 150-111 OR FROM DEPT 131

## **133 COURSE DESCRIPTIONS**

(\*Scheduling of offerings is subject to change. When not indicated otherwise, offerings are every term.)

### **133-100 THEATRE APPRECIATION GA 2 cr**

Designed to provide non-theatre majors with a background in theatre which will enrich their theatrical experiences and provide them with a basis for evaluating theatre productions. Fulfills General Studies requirements but does not apply toward major or minor in the department. Offered each fall\*.

Unreq: 133-110.

### **133-110 INTRODUCTION TO THE THEATRE GA 4 cr**

An examination of the fundamental theories and practices of theatre art. A survey of the major styles of theatre. Forty hours of participation in technical theatre (primarily in stagecraft and costuming) are required. Offered each fall\*.

Unreq: 133-100.

### **133-120 INTRODUCTION TO ACTING 3 cr**

A study of basic principles and techniques of acting, including physical and vocal control and basic approaches to characterization.

Prereq: 133-100 or 133-110 (or con reg) and Theatre major/minor or cons inst.

Offered Spring '00, Fall '00, Fall '01, Spring '02, Fall '02\*.

### **133-200 THEATRE ACTIVITIES GA 1-2 cr**

Recommended for the student who has an avocational interest in theatre and/or who wishes to experience the various aspects of theatre production as a breadth elective in the arts. Students may choose involvement in one or more areas of department-produced or student-produced plays, including acting, house management and promotional, scenery and costume construction, lighting, sound, and production crews. 40 hours of participation are required per credit. Not open to Theatre majors or minors.

Repeatable. Repeat enrollments will be in other interest areas.  
Prereq: 900-110 or 133-100 or 133-110.

**133-201 PRACTICUM - ACTING .5-2 cr**

Participation as an actor in a University Theatre production. Students are expected to assist in costume and scenery construction. In general, 40 hours of participation per half credit of practicum are expected.

Repeatable.

Prereq: Audition and cast in role.

**133-202 PRACTICUM - DIRECTING .5-2 cr**

Participation as an Assistant Director, Production Stage Manager, Assistant Stage Manager or Dramaturg in a department-approved production. 40 hours of participation per half credit is required. Repeatable.

Prereq: Department approval.

**133-203 PRACTICUM - SOUND .5-2 cr**

Participation in department-approved productions as Sound Operator and/or Sound Designer/Engineer for productions requiring basic sound. 40 hours of participation per half credit is required.

Repeatable.

Prereq: Department approval.

**133-204 PRACTICUM - STAGECRAFT .5-2 cr**

Participation in set construction and painting on department-approved productions. Departmental approval is required to work on Performance Crew, Properties or as Assistant Scenic Designer. 40 hours of participation per half credit is required. Theatre majors must take at least .5 credits in set construction and painting.

Repeatable.

Prereq: Department approval for some sections.

**133-205 PRACTICUM - LIGHTING .5-2 cr**

Participation in the hanging and focusing of lights for department-approved productions. Departmental approval is required to register for Assistant Lighting Designer, Master Electrician, or Light Operator. 40 hours of participation per half credit is required.

Repeatable.

Prereq: Departmental approval for some sections.

**133-206 PRACTICUM - COSTUMING .5-2 cr**

Participation in the construction of costumes for department-approved productions. Departmental approval is required to register for Assistant Costume Designer or

Performance Crew. 40 hours of participation per half credit is required. Theatre majors must take at least .5 cr in costume construction.

Repeatable.

Prereq: Department approval for some sections.

**133-207 PRACTICUM - THEATRE MANAGEMENT/PUBLICITY .5-2 cr**

Participation in house management, ticket office management or publicity and promotion for department-approved productions. 40 hours of participation per half credit is required.

Repeatable.

Prereq: Department approval.

**133-208 PRACTICUM - MAKE-UP .5-2 cr**

Participation as Makeup Designer and/or on Performance Crew for department-approved productions. 40 hours of participation per half credit is required.

Repeatable.

Prereq: Department approval.

**133-209 PRACTICUM - THEATRE TOUR .5-2 cr**

Participation in one of the University Theatre productions designed for touring, including Children's Theatre and high school tours. Students involved in this activity are expected to participate in the shifting and setting up of scenery and lights, to contribute to the care and maintenance of costumes and to work with makeup, sound and properties in addition to their assignments as actors or technicians. In general, 40 hours of participation per half credit of the practicum are expected.

Repeatable. Offered each fall\*.

Prereq: Audition and cast in role.

**133-210 LABORATORY IN PLAYWRITING/THEATRE CRITICISM 1-2 cr**

Practical experience in writing plays, from scenario to final production, or in writing theatre criticism.

Repeatable if an approved one-act play is in progress.

Prereq: Cons instr.

**133-215 AUDITIONING 3 cr**

This is a lecture/laboratory course which offers training in resume preparation, in preparing for an audition, and in presenting audition material. Offered Spring '01, Fall '02\*.

Prereq: 133-120 or consent of instructor.

**133-220 ACTING: ANALYSIS AND PERFORMANCE 3 cr**

A study of techniques of character analysis and development which seeks to explore



and integrate the internal and external aspects of acting in order to develop a dynamic approach to the actor's craft. Offered Fall '00, Fall '02\*.

Prereq: 133-120 or consent of instructor.

### **133-225 SCRIPT ANALYSIS 3 cr**

A study of the basic elements of drama and how these elements combine to create a play. Particular emphasis will be placed on how to discover a valid interpretation of the playwright's intentions and transfer that interpretation to the stage. Required for all Theatre majors. Offered Spring '00, Spring '01, Spring '02.\*

Prereq: 133-110

### **133-230 MOVEMENT FOR THE ACTOR 3 cr**

Movement for the Actor is a course designed to develop the physical performance ability of acting students. Body alignment will be explored in relation to movement dynamic and the search for a neutral base. A personal physical warm-up will be established for each student. Range of performance energy will be explored as well as the development of character through movement.

Repeatable two times for a maximum of 6 credits in major/degree. Offered Fall '00, Spring '02\*. Prereq: 133-120 or consent of instructor.

### **133-242 STAGE MAKE-UP 2 cr**

Lecture-demonstrations and laboratory experience in the basic theories and techniques relative to the design and application of stage make-up. Offered Spring '00, Fall '00, Fall '01, Spring '02, Fall '02\*.

### **133-251 INTRODUCTION TO TECHNICAL THEATRE 4 cr**

Fundamentals of the technical aspects of scenery, costumes, and lighting for theatre and dance. Examination of the mechanical principles and techniques used in scenery, costuming, and lighting, stressing practical "hands-on" experiences. A minimum of 32 hours shop participation is required. Offered each spring\*.

Prereq: 133-100 or 133-110 or cons. inst.

### **133-252 INTRODUCTION TO THEATRICAL DESIGN 3 cr**

An examination of the basic principles of scenic, costume and lighting design for the theatre. Topics covered include the design process, research, elements of design and practical considerations. Studio labs include instruction and practice in sketching, drafting and rendering. Offered each fall\*.

Prereq: 133-251 or consent of instructor.

### **133-260 PRODUCTION STAGE MANAGEMENT 3 cr**

Production Stage Management explores the processes of stage and fiscal management for Theatre. The first part of the course covers the various duties and responsibilities

of the Stage Manager. The course then explores the processes required by Production Stage Managers to oversee the personnel and fiscal operations during production.

Offered Spring '01, Spring '03\*.

Prereq: 133-110

### **133-300/500 SUMMER THEATRE PRODUCTION 1-6 cr**

This course is designed for qualified students to participate in the performance, management, costume and set construction, lighting, and sound operation of on-campus summer theatre productions. Offered summers only\*. Repeatable for a maximum of 6 credits in degree.

Prereq: Audition or interview and consent of department.

### **133-301 PRODUCTION PRACTICUM - ACTING 2 cr**

Acting a major role in a University Theatre/Dance Department production. Eligible roles are designated by the department prior to auditions. Repeatable four times for a maximum of 8 credits in major/degree.

Prereq: Consent of the department and completion of 200-level acting practicum for at least a half-credit.

### **133-302 PRODUCTION PRACTICUM - STAGE MANAGER 2 cr**

Participation as Stage Manager in all production conferences, auditions, rehearsals and performances of a University Theatre-affiliated production.

Repeatable four times for a maximum of 8 credits in major/degree.

Prereq: Consent of department.

### **133-304 PRODUCTION PRACTICUM - SCENERY 2 cr**

Participation as Scene Designer or Technical Director in all research, production conferences, planning, painting and technical rehearsals for a University Theatre-affiliated production.

Repeatable four times for a maximum of 8 credits in major/degree.

Prereq: Consent of department.

### **133-305 PRODUCTION PRACTICUM - LIGHTING 2 cr**

Participation as Lighting Designer in all research, production conferences, planning, focusing and technical rehearsals for a University Theatre-affiliated production.

Repeatable four times for a maximum of 8 credits in major/degree.

Prereq: Consent of department.

### **133-306 PRODUCTION PRACTICUM - COSTUMES 2 cr**

Participation as Costume Designer and/or Costume Cutter/Technician in all production conferences, design meetings, pre-construction and construction work, and dress rehearsals of a University Theatre-affiliated production. Repeatable four times

for a maximum of 8 credits in major/degree.

Prereq: Consent of department.

**133-308 PRODUCTION PRACTICUM - SOUND 2 cr**

Participation as Senior Sound Designer in all production conferences, recording, engineering, rehearsals and performances of a University Theatre-affiliated production.

Repeatable four times for a maximum of 8 credits in major/degree.

Prereq: Consent of department.

**133-309 PRODUCTION PRACTICUM - MANAGEMENT THEATRE 2 cr**

Participation as Ticket Office, Front of House or Promotions/Publicity Manager for a minimum of three consecutive productions of the Theatre/Dance Department in a single term. Repeatable four times for a maximum of 8 credits in major/degree.

Prereq: Consent of department.

**133-312 PRODUCTION PRACTICUM - DIRECTING 2 cr**

Participation as a Director of a production approved by the department with responsibilities to include pre-production research and script preparation, supervision of production conferences and rehearsals, and presentation of a public production.

Repeatable four times for a maximum of 8 credits in major/degree.

Prereq: 133-332 and 133-433 and consent of department.

**133-320 ACTING: PROBLEMS OF STYLE 3 cr**

Theories and techniques of character analysis and of acting in several theatrical periods, e.g., Classical, Elizabethan and Restoration. Offered Fall '01, Fall '03\*.

Prereq: 133-120 or cons instr.

**133-325/525 IMPROVISATIONAL DRAMA 3 cr**

A study of the techniques of non-scripted drama, including theatre games, improvised scenes, creative drama and story dramatization. Implications and uses of non-scripted drama for education and performance are explored through lectures, demonstrations and group participation. Offered Spring '02\*.

**133-328/528 VOCAL PRODUCTION AND STAGE 3 SPEECH 3 cr**

A study of vocal production and vocal techniques for the actor. Emphasis on the fundamentals of freeing the actor's voice: breathing, relaxation, resonance, articulation, variety and projection. Offered Spring '00, Fall '01, Spring '03\*.

Prereq: 133-120 or consent of instructor.

**133-332 DIRECTING I 3 cr**

Study and application of techniques useful in selection, interpretation and staging the

play in a proscenium setting. Offered Fall '00, Spring '01, Fall '01, Fall '02\*.  
Prereq: 133-120 and 133-251 or consent of instructor.

**133-343/543 THEATRICAL COSTUMING 3 cr**

A lecture/laboratory course to study and practice the basic principles and process of theatrical costuming, including the fundamentals of pattern making, textiles and costume construction. Construction of a costume is required. Offered Spring '01, Spring '03\*.

Prereq: 133-251 or consent of instructor.

**133-345/545 COSTUME HISTORY 3 cr**

Study of the clothing and costume accessories of the major historic periods, with an emphasis on western costume history and on its application to modern stage design. Offered Fall '01, Fall '03\*.

Prereq: 133-110 or consent of instructor.

**133-346/546 - 680-346/546 SURVEY OF MODERN DRAMA 3 cr**

A study of the trends and developments in the modern theatre from the Romantics and early Realists to the Theatre of the Absurd, with emphasis on literary history and staging problems. May be team-taught with English faculty. Offered Fall '01, Fall '03. Unreq: 680-346/546.

**133-354 TECHNICAL DIRECTION 3 cr**

Advanced study and practice of the principles of scenery construction, scene painting, technical drafting, planning and budgeting. A minimum of 50 hours of participation is required. Offered Spring '00, Spring '02\*.

Prereq: 133-251 or consent of instructor.

**133-361 PERFORMING ARTS OPERATIONS AND MANAGEMENT 2 cr**

A study of the duties and required skills of managers of performing arts organizations including house management, facility management, box office management, and strategic planning, as well as an overview of human resource management, audience development, marketing, and legal procedures. Offered odd-numbered fall terms.

Prereq: 133-100 or 133-110 or consent of instructor. Unreq: 100-361.

**133-362 NON-PROFIT ARTS MANAGEMENT 2 cr**

A study of the duties and required skills of managers of various non-profit arts organizations. Areas of study will include structure of arts organizations, planning, programming, staffing, budgeting and marketing, with emphasis on fundraising, board development, and volunteer management. Assignments and projects will be geared toward students' specific needs and interests. Offered even numbered years.

Unreq: 100-362.

**133-363 APPLIED STUDIES IN ARTS MARKETING 2 cr**

A study of the duties and skills of marketing managers of both commercial and non-profit arts-related businesses, as well as the individual artist in the marketplace.

Topics include marketing research, planning a marketing budget, promotions, media relations, advertising, corporate and media sponsorship, and audience development.

Students will develop a comprehensive marketing plan for an organization or individual artist of their choice. Offered even numbered fall terms.

Coreq: 260-311. Unreq: 100-363.

**133-364 ISSUES IN ARTS MANAGEMENT 2 cr**

A study of topics, trends, and career options in the field of arts administration.

Working professionals will explore with students issues they face in their occupations.

A variety of topics will include the role of the arts in society, leadership, public and private support and control of the arts, ethical issues, marketing challenges, computer technology and future trends in the field.

Prereq: Junior or senior academic status or consent of instructor.

Offered odd-numbered spring terms.

Unreq: 100-364.

**133-369 MULTICULTURAL DRAMA OF THE UNITED STATES Diversity 3 cr**

The course examines the theatrical forms and the dramatic literature of African-Americans, Asian-Americans, Latinos/as, and Native Americans, and places them in the context of American theater and U.S. social/political history.

Prereq: 680-102 and a 200 level English course or 133-346 or 133-471 or 133-472 or 133-478. Offered occasionally.

Unreq: 680-369.

**133-377 INTRODUCTION TO PLAYWRITING 3cr**

Students will be introduced to the elements of a play, learn to analyze and evaluate dramatic structure, and write short plays. They will also experience the collaborative nature of the play development process by having their work read by actors and critiqued by an audience of classmates.

Prereq: 680-101, 680-102, 680-274 or 133-110 and junior standing

**133-422 ACTING FOR THE CAMERA 3 cr**

A course to study and practice basic principles of on-camera performance. Through regular on-camera assignments students learn skills necessary to work as actors in the TV and film industries. Offered Spring '01, Spring '03\*.

Prereq: 133-120 and 133-220 or 133-320 or consent of instructor.

**133-433/633 DIRECTING II 3 cr**

The study and application of contemporary directing theories and an exploration of approaches to production styles; includes the direction of a 30-40 minute studio production. Offered Spring '00, Spring '02\*.

Prereq: 133-332 or consent of instructor.

**133-454 PERIOD DECOR AND SCENIC STYLES 3 cr**

Study of the architecture, interior decor, and furnishings of the major historic periods, with an emphasis on application to stage design. Survey of the major historic styles of scenic design with an emphasis on application to contemporary scenic design problems. Offered Fall '00, Fall '02\*.

Prereq: 133-100 or 133-110 or consent of instructor.

**133-460/660 ADVANCED STAGE DESIGN AND TECHNOLOGY 3 cr**

A course for the advanced student who wishes to pursue further study in scenic, costume or lighting design and/or technology. Each student, in consultation with the instructors, will choose 2 projects on which to focus. The lecture/labs will consist of work on those projects and lecture/discussions related to the projects. Required for B.F.A. Design/Tech students. Offered each spring.

Repeatable three times for a maximum of 9 credits in major.

Prereq: 133-252.

**133-471/671 HISTORY OF THE THEATRE THROUGH 1550 A.D. 3 cr**

Traces the development of theatre from its origins to 1550 A.D., including theatre and drama in ancient Greece, Rome, the Middle Ages, the Italian Renaissance and the Orient. The course also examines the impact of outside forces on the various arts of the theatre. Offered Fall '00, Fall '02\*.

**133-472/672 THEATRE HISTORY 1550 TO 1830 AND DRAMA: 3 cr**

Traces the development of the theatre in the West from 1550 to 1830, including Neoclassicism, Elizabethan and Restoration theatre and the development of Romanticism. The impact of outside forces on the various arts of the theatre will be examined. Offered Spring '01, Spring '03\*. 1550 TO 1830

**133-478/678 CONTEMPORARY DRAMA 3 cr**

Analysis of the trends and developments in the theatre of the past 30 years, including the impact of television, motion pictures and other forces on the theatre of today.

Offered Spring '00, Spring '02\*. 1550 TO 1830

**133-490/690 WORKSHOP Repeatable 1-6 cr**

Offered on demand. 1550 TO 1830

**133-491 TRAVEL STUDY 1-3 cr**

Repeatable  
Offered on demand.

**133-492 FIELD STUDY 1-6 cr**

A study for which data is gathered from sources broader than the classroom or laboratory, often involving off-campus work study experience in an area which has been selected for exploration, such as summer tours in theatre. Offered on demand.  
Repeatable.

**133-493 INTERNSHIP IN THEATRE PRACTICE 1-12 cr**

In cooperation with a designated theatrical organization and with previously established guidelines, participation in the production and/or management activities of a commercial or non-profit theatre operation.  
Repeatable for a maximum of 12 credits in degree.  
Prereq: At least second-term junior standing as a theatre major and the advance consent of the department.

**133-494 SEMINAR 1-6 cr**

Repeatable. Offered on demand. Prereq: Junior standing and consent of department chairperson.

**133-496/696 SPECIAL STUDY 1-3 cr**

Repeatable. Prereq: Junior standing and consent of department chairperson. Offered on demand.

**133-498 INDEPENDENT STUDY 1-3 cr**

Repeatable. Prereq: Junior standing and consent of department chairperson. Offered on demand.

**133-499/699 SENIOR PROJECT 3 cr**

A capstone project in which the student demonstrates proficiency in directing, acting, designing, promotion, playwriting or criticism on a major project proposed by the student and approved by the department.  
Repeatable.  
Prereq: Completion of at least 75% of the student's major requirements (including at least 2 upper level courses in the student's project area) and submission and approval of proposal by the department.

**131 COURSE DESCRIPTIONS**

(\*Scheduling of offerings is subject to change.)

**131-110 DANCE APPRECIATION GA 2 cr**

Dance is studied as an art form through the investigation of dance history, technique, and the aesthetic choices of choreography. Lecture format is enhanced by slide, film and live presentation. Offered each spring\*.

**131-141 CONTEMPORARY DANCE TECHNIQUE I GA 2 cr**

A study of basic dance movement through exploration, analysis and identification of the principles of Contemporary Dance as an art form. A participation course, utilizing problem-solving and creativity in movement.

Offered each term\*. Repeatable.

**131-145 BALLET I GA 2 cr**

The Beginning Ballet course will provide instruction in the basic movements upon which all movements in ballet are built. Posture and alignment are stressed as well as foot articulation and proper use of turn-out. The class incorporates barre work, center combinations and locomotor movements across the floor. Students will also be taught the French terminology for movements learned. Offered each term\*. Repeatable two times for a maximum of 4 credits in degree.

**131-200 PRACTICUM - DANCE PERFORMANCE 1 cr**

A course designed to allow students who are interested in dance as an art form to participate as performers-choreographers in a contemporary dance concert. A student is expected to spend a minimum of 100 hours per credit in rehearsing and performing at times specified by the instructor. Repeatable. Offered every fall, students must be available to continue in spring.

Prereq: Audition and consent of instructor.

**131-243 IMPROVISATION/SOUND GA 2 cr**

The creation of dance movement through the exploration and experimentation of a variety of stimuli as sources for movement experiences. Offered Spring '01, Fall '02\*.

**131-244 CONTEMPORARY DANCE TECHNIQUES II 2 cr**

Further study of dance techniques on the intermediate level. Repeatable three times for a maximum of 6 credits in degree. Offered each spring\*.

Prereq: 131-141 or cons instr.

**131-246 BALLET II 2 cr**

Continuation of basic concepts learned in Ballet I with emphasis on more complex skills and combinations. Repeatable for a maximum of 4 credits in degree. Offered each fall\*.



Prereq: It is highly recommended that students have two terms of Ballet I before attempting Ballet II, or cons instr. May be repeated.

### **131-320 COMPOSITION I (Solo) 3 cr**

Composition I (Solo) is a course which presents basic material on the craft of creating solo dances. Students will be given structural problems to solve by creating original movement. The use of musical accompaniment and props in choreography will be explored. Videotapes and films of professional choreography will be viewed for discussion and students will be introduced to the use of costumes, lighting, and sets for dance. Offered Spring '00 Fall '01.

### **131-330 PERFORMANCE ART 3 cr**

Performance Art is an avant-garde form of live art performance. In this course students will learn about the historical predecessors of Performance Art, be exposed to contemporary work through reviews, articles and videotapes, and create their own solo and group work to culminate in a public performance. Repeatable. Offered Spring '01, Fall '02\*.

### **131-346 BALLET III 2 cr**

A participation course designed for the advanced level ballet student. Complex combinations and techniques such as multiple turns and beats as well as anatomical considerations will be studied. Repeatable for a maximum of 4 credits in degree. Offered each fall\*.

Prereq: At least two terms of Ballet II or consent of instructor.

### **131-348 CONTEMPORARY DANCE TECHNIQUES III 2 cr**

Learning the kinesthetic way of moving the body and performing more complex technique and style in longer movement phrases appropriate for advanced level technique. Repeatable three times for a maximum of 6 credits in degree. Offered each spring\*.

Prereq: 131-244 or cons instr.

### **131-420 DANCE COMPOSITION II (GROUP) 3 cr**

A continuation of the elements of choreography concentrating on form with more complex approaches and depth of movement themes for duet, trio and group. Offered Fall '00, Spring '02.

Prereq: 131-320.

### **131-496 SPECIAL STUDIES 1-3 cr**

A course which is not regularly included in the curriculum but which is offered from time to time on topics in Dance as an art form, selected on the basis of need, interest or timeliness. It also permits the student to work on the main stage production of

Theatre/Dance that requires extensive choreography. Repeatable.  
Offered on demand.

Prereq: Jr st and cons of the Theatre/Dance Department.

**131-498 INDEPENDENT STUDY IN DANCE 1-3 cr**

Repeatable. Prereq: Junior standing and consent of department chair. Offered on demand.

**131-499 DANCE PRODUCTION PROJECT 1-3 cr**

Choreographing and staging a full length dance concert or its equivalent or choreographing for mainstage productions such as the annual department dance concert or a musical where choreography plays one of the major roles. All choreographic pieces for public performance will be under the supervision of a dance faculty. Repeatable three times for a maximum of 6 credits in degree. Offered on demand.

Prereq: 131-200 and 131-420 and junior standing.

## **COLLEGE OF BUSINESS AND ECONOMICS**

*Phone:* 262-472-1343

*E-Mail:* [busecon@uwwvax.uww.edu](mailto:busecon@uwwvax.uww.edu)

Joseph S. Domitrz, Dean

Donald K. Zahn, Associate Dean

Janet E. Olson, Assistant Dean

Carla M. Lenk, Business Outreach Director

### **DEPARTMENT CHAIRPERSONS**

Accounting

Roy C. Weatherwax

Business Education/Office Systems

Marcia James

Economics

Ashok Bhargava

Finance and Business Law

Ronald Crabb

Management

Christine Clements

Marketing

Jimmy Peltier

## **MISSION STATEMENT**

The mission of the College of Business and Economics is to primarily provide quality undergraduate education serving career-oriented students. The College will also provide a quality graduate program built upon existing undergraduate programs of excellence. Continuing education for the region will be offered through quality credit and non-credit programs. The College will meet its mission under the guidance of a faculty committed to excellence in teaching and sustained scholarship. Education is broadly interpreted to include experiences in and outside the classroom.

## **THE PROGRAM**

The College of Business and Economics attempts to provide you with the skills and knowledge which will allow you to succeed in a business administration profession. We stress a close faculty-student relationship and encourage student activities which will help you develop professional skills. You will have the opportunity to become involved in projects with business firms which will aid in this skill development. The programs of the College are based on a broad general education which provides you with a fundamental understanding of the society in which you live and work. College requirements develop your knowledge of the traditional functional area of business, the behavioral sciences, the management sciences and the systems approach to problem solving. Completion of the degree includes intensive study in a chosen major to prepare you for a career in the field of your choice.

The four-year program leading to the Bachelor of Business Administration degree is composed of four phases:

- Proficiency and general education.

- Lower division business requirements.
- Upper division business core requirements.
- Major.

## **ENROLLMENT LIMITATIONS**

### **ADMISSION POLICY FOR THE COLLEGE OF BUSINESS AND ECONOMICS**

All students interested in pursuing a business major must declare "Pre-Business" as the major. Pre-Business students are eligible to enroll in lower division business courses after they have completed twenty-four credits and possess at least a 2.50 combined grade point average. After a student completes fifty-four or more credits and has satisfactorily completed or is enrolled in 210-244, 210-249 or 210-341/342, 230-211, 230-212, 230-245 and 250-211 (765-162 and 765-171 for BBA MCS majors), the student may apply for admission to a major in the College of Business and Economics. All students with a 2.80 combined GPA or better would be admitted to a major in the College. A student whose combined GPA is less than 2.80 may be admitted based on an alternative formula. Application forms for admission to the College of Business and Economics are available at the Assistant Dean's Office and are completed during the required Pre-Business registration information meeting. A student who completes any business course without having met the requirements for a business major cannot become a business major after completing the course.

Budget, enrollment, or other factors may cause these standards to be altered by the College. Students who have questions concerning admission should contact the Assistant Dean of the College of Business and Economics.

Students must complete course work in residence at UW-Whitewater in at least six courses (18 credit minimum) in their major field. A maximum of two transfer courses will be allowed in any major in the BBA curriculum.

BBA students may not take any courses offered by the College of Business and Economics or any BBA degree requirements (unique/lower/upper) on a satisfactory/no credit (S/NC) basis except those offered on an S/NC basis only by the department.

The College is organized into the departments of Accounting, Business Education/Office Systems, Economics, Finance and Business Law, Management, and Marketing.

Majors are available in accounting, business education, economics, finance, general business, management, human resource management, management computer systems, marketing, computer end-user technologies and production operations management. The general business major is administered by the Assistant Dean. Students desiring majors in accounting, finance, general business, computer end-user technologies, human resource management, management, marketing and production operations management can obtain these majors only in the BBA degree program in the College of Business and Economics. They may not be taken as primary or secondary majors in other colleges.

## **PROFESSIONAL MINOR IN BUSINESS STUDIES**

### **College of Letters and Sciences**

The Professional Minor in Business Studies is designed for students seeking a liberal arts education with preparation for a career in an area of business. This preparation in both liberal arts and business will also assist students planning to advance their career opportunities by seeking an M.B.A. (Master of Business Administration) degree.

Requirements for the nine approved areas of emphasis are described under the College of Letters and Science section. Within these emphases, however, variations are possible to meet the programmatic needs of individual students. A minimum GPA of 2.25 in the minor is required for graduation. Grades received for transfer courses that are counted in the minor will be included in determining the GPA in the minor.

## **COLLEGE GRADE POINT AVERAGE REQUIREMENT FOR GRADUATION**

Students in the College of Business and Economics are required to have:

1. a minimum combined transfer and UW-W GPA of 2.5
2. a minimum combined transfer and UW-W GPA of 2.5 in all subjects offered by departments in the College of Business and Economics and in the Department of Management Computer Systems
3. a minimum combined transfer and UW-W GPA of 2.5 in their major.

## **OUTREACH PROGRAMS FOR INDIVIDUALS IN THE FIELD OF BUSINESS AND MANAGEMENT**

The University of Wisconsin-Whitewater, in cooperation with the University of Wisconsin Center at Waukesha and the University of Wisconsin-Extension, presents unique programs designed for adults who desire to continue their education in the field of business and management. Outreach programs offer the services of the University of Wisconsin system to the people of the surrounding area who cannot take advantage of the regular college programs because of personal commitments. The Business Outreach Program contains both credit and noncredit courses and is divided into four major areas:

1. Master's Degree Program in Business - A University of Wisconsin-Whitewater MBA or MPA (Masters of Professional Accountancy) degree can be earned through a program of graduate study on the Whitewater and Waukesha campuses. The program is designed to accommodate adult part-time students through special advising and evening courses. Classes and evening programs are offered at the following locations:

UW-Whitewater:

1. MBA Accounting
2. MBA Decision Support System
3. MBA Finance
4. MBA Health Care Administration
5. MBA Human Resource Management
6. MBA International Business
7. MBA Management
8. MBA Marketing
9. MBA Production Operations Management
10. MBA Technology and Training

UWC-Waukesha:

1. MBA Finance
2. MBA Management
3. MBA Marketing
4. MBA Decision Support Systems
5. MBA Health Care Administration

These programs are identical to those offered in the full-time college program

at Whitewater. The same admission standards, faculty, and courses are applicable.

2. Bachelor's Degree Program in Business - A program tailored for the adult who desires to earn a business degree is offered on campus. Courses are scheduled at night and during the summer to meet student needs. Freshman-sophomore courses are available at the Waukesha and the Janesville Colleges. All four years of baccalaureate degree work are available at Whitewater. Special advising and simplified enrollment procedures are provided.

3. Adult Special Education in Business - Some adults want to take only selected courses offered in the regular University curriculum to improve their business background. This program accommodates these people by scheduling many classes at night and off-campus. Depending on the course, certain prerequisites may be required. Counseling and special enrollment procedures are provided. A student may earn a maximum of twelve credits as a special student. If any of these credits are earned in 300/400-level courses, these credits may not count toward the BBA degree should that student decide to pursue a BBA in subsequent semesters.

4. Management and Economics Development Program - Designed for further regional economic development through education and assistance, this program consists of two elements:

a. Management Development - These specially designed courses meet the needs of industry for timely educational programs on business subjects. Formats range from seminars, institutes, conferences, to tailored executive sessions. They are offered at convenient times at off-campus locations (including in-plant) throughout the area. Participants in this program will normally receive certificates upon completion, as well as Continuing Education units.

b. Economic Development - Research and consulting geared to the needs of regional communities and industry is provided by the University. The resources of the UW-System can be mobilized to help solve your problems. Requests for assistance under this program should be directed to the University of Wisconsin-Whitewater. For more information call SBDC at 262-472- 3217.

## **STUDENT ORGANIZATIONS HONORARY SOCIETIES**

**Pi Omega Pi**, a national honorary scholastic society for business education students, limits membership to spring-term sophomores, juniors, seniors and graduate students having a grade point of 3.0 or higher and who place in the upper 35 percent of their college class. The organization presents an annual award to the outstanding member. The local PSI chapter, a member of the National Association of College Honor Societies, has received national recognition for its service, publications, research, and other activities. It was founded by Professor Paul A. Carlson in 1932.

**Beta Gamma Sigma** is a national scholastic honorary society for students of business and management. Election to membership is the highest scholastic honor that a student of business can achieve. Membership is restricted to students of high scholarship and good moral character in institutions with programs accredited by the American Assembly of Collegiate Schools of Business.

**Financial Management Association Honor Society** is a local chapter of the national Financial Management Association. It is an honorary organization in that membership is limited to finance majors who meet specific academic requirements.

**The Wisconsin Iota Chapter of Omicron Delta Epsilon**, is an International Economics Honorary Society. It is dedicated to the encouragement of excellence in economics. It recognizes first and foremost scholastic achievement in economics. Second, it is a vehicle towards a better perception of and familiarity with economics. Through the establishment of closer ties between students and faculty, it promotes an understanding of economics greater than most classroom situations. In short, it helps its members advance both their own comprehension and the art and science of economics.

Membership in ODE is based on cumulative GPA and GPA in economics. Applicants must have earned at least 12 credits in economics with the grade of C or better, and the GPA for all economics courses must be at least 3.0. Receiving lower than a C does not disqualify an applicant, but that course may not be counted in the 12 credits. In addition, applicants must be of junior standing or higher and possess an overall GPA of at least 3.0

**Sigma Iota Epsilon** is an honorary professional fraternity in management. Undergraduate management, management computer systems, human resource management and production operations management majors are eligible to join. They must have a minimum 3.0 grade point average, at least 30 credits of work



or its equivalent at UW-Whitewater, and state their intention of continuing in the management curriculum. Graduate students must have a 3.25 grade point average and have completed nine credits of graduate work, including at least three credits of management at UW-Whitewater. The Sigma XI of Sigma Iota Epsilon was installed on the Whitewater campus in October, 1976 and its purposes are: to stimulate interest and achievement in the field of management, to stimulate scholarship and research through the development of the scientific approach of management problems, to facilitate contacts between students and business, and to recognize persons who have made contributions to the field of management.

**Mu Kappa Tau** is the national scholastic honor society in the field of marketing. To be eligible for membership, a student must rank in the top 10% of the junior class, the top 10% of his/her senior class, or rank in the top 20% of the students receiving graduate degrees.

## **PROFESSIONAL ORGANIZATIONS**

**American Marketing Association—Collegiate Chapter** was formed by Whitewater marketing students to promote and develop interest and knowledge in the field of marketing. The Association's goals are to foster scientific work in marketing, to develop sound thinking in theory and practice, to improve methods and techniques of marketing and to develop public understanding of marketing. The collegiate chapter works toward the accomplishment of these goals by sponsoring marketing presentations of practicing businessmen, field trips, special events and by conducting projects for the business community. Membership is open to any student interested in marketing.

**APICS** - The Educational Society for Resource Management is the campus student organization for anyone with interests in the field of supply chain management, production, inventory, TQM, service operations, purchasing, and material requirements planning. An insight into the real world of Operations Management is obtained through numerous contacts with management of nearby business organizations at on-campus or Milwaukee APICS or Rock Valley APICS Chapter meetings. Also, an excellent opportunity is afforded chapter members to prepare for and take the APICS certification examinations in the various Production Fields.

**Society for Human Resource Management (SHRM)** is a nationally affiliated professional organization for any student interested in pursuing a career in human resources/industrial relations. The Whitewater chapter offers its members the opportunity to meet with human resource executives from Southern Wisconsin, to gain practical experience doing human resource projects, to receive assistance preparing for SHRM "Personnel Generalist" accreditation exams, and to receive periodicals/newsletters discussing current human resource issues.

**Beta Alpha Psi** is the national professional accounting fraternity with chapters on over 140 campuses. Epsilon Rho chapter allows students to meet professionals and fellow students through the various activities held during the year. This gives students the opportunity to round out their academic training and learn about the accounting profession from those in practice. To become a member it is necessary to have attained junior standing (60 credits) and have a grade point of 3.0 both overall and in accounting courses.

**The Association of Information Technologies Professionals** is an organization of students who have a strong interest in the field of computer information systems. This group fosters an interest in and an understanding of computer systems through professional presentations, seminars, senior and student level AITP conferences and field trips to regional computer installations. In addition, the chapter also sponsors a professional society banquet meeting with employers in the fall and a career day in the spring.

**Delta Sigma Pi**, an international business and professional fraternity, promotes the study of business, encourages the attainment of high scholarship, and provides opportunities for students to begin their professional development while in college. Membership is open to students majoring in various business areas.

**The Institute of Management Accountants** is a national professional society. UW-W is proud to have the first student chapter in Wisconsin and one of the first anywhere. This organization provides another opportunity to make contacts and learn from practicing professionals in Accounting.

**Marketing Education Association (formerly DECA)** is the collegiate affiliate of the National and Wisconsin Marketing Education Associations. The purposes of MEA are to provide experiences for students who wish to continue their association with DECA, explore marketing education as a potential major, and participate with a small energetic group of students interested in marketing. Through experiences provided by MEA, future marketing education teachers

will be prepared to assume their role as a DECA adviser at the secondary and postsecondary levels. Non-marketing education majors will have opportunities to develop management and communications skills and have opportunities to learn more about the discipline of marketing through speakers, field trips, and conferences. Membership is open to any student from any college.

**Economics Society** is an organization of economics majors and minors and others interested in the field. Its purposes are to promote interest in and an understanding of economics through sponsoring lectures, panels, field trips, and other events; to promote economics as a profession; to improve contacts among students of economics, and to enhance student-faculty interaction.

**Finance Association** is a student membership organization serving undergraduate and graduate students who are interested in corporation finance, banking, investments, real estate and/or insurance, regardless of major. The Association conducts field trips, career orientation programs, social activities, and provides an informal channel for communication between students and faculty.

**Law Society** is an organization open to all students with an interest in law. The purposes of the Society are to advance the student's knowledge and experience in the field of law and to provide opportunities for communication with representatives from law schools and members of the legal profession. Guest speakers, field trips and special projects are some of the activities conducted each semester by members of the society.

**The Office Systems Research Association's (OSRA)** primary goal is to provide students with a forum to expand their knowledge of the end-user information systems area. OSRA sponsors business speakers, field trips, and PC seminars. Chapter activities include the sponsoring of a Computer Technologies Careers Day, writing an Alumni Newsletter, publishing the national OSRA quarterly newsletter, offering computer software training seminars, and hosting a PC Day for high school students.

**Phi Beta Lambda** is the college level of the Future Business Leaders of America and is open to all students. PBL's purpose is to familiarize students with the demands and opportunities in the professions commonly associated with business. Guest speakers, field trips, and conferences around the state and nation are some of the activities included each year for members of this organization.

**Pi Sigma Epsilon** is a national professional sales and marketing coed fraternity. Membership is open to any student of good standing and major who exhibits interest in sales and marketing. Business, University and community oriented projects are employed during the school year to afford practical experience to the members and to finance the operations of the organization. The Beta Gamma chapter at Whitewater was founded on March 14, 1969, as the 51st chapter of Pi Sigma Epsilon and is sponsored by the Sales and Marketing Executives of Madison and Milwaukee.

**Portfolio Management Group** is a student investment club. Its purpose is to help students learn about the process of investing in stocks, bonds, options, futures, and other types of securities. The group hosts speakers, sponsors field trips, conducts a simulated stock trading competition, and enjoys social activities.

**The General Management Organization (GMO)** is a campus organization for students either majoring in or interested in general management. This group provides academic and career support for student majors through speaker programs, student interaction and student-faculty interaction. It also fosters an interest in and understanding of general management subjects of interest. Relevant speakers, seminars and opportunities to interact with the General Management Advisory Board are special features of the GMO.

**Society for the Advancement of Management (SAM)** is a national professional organization of managers in industry, commerce, government and education. The student chapter at UW-W has as its main objective the bringing together of executives in business and students preparing to go into administrative positions. The club offers guest speakers, business films, structured field trips, an all-campus Career Day, a spring symposium, management periodicals and newsletters to all students who aspire to managerial occupations.

**The UW-W Students in Free Enterprise (SIFE)** team is a cadre of students on the UW-W campus that serve as intelligent and articulate exponents of the market economy and the American free enterprise system by conducting outreach educational projects. SIFE's mission is to establish and direct student-generated free market economic education programs on college and university campuses to bring America's collegian citizens to a better understanding of and a greater appreciation for the free enterprise system. SIFE's purpose is accomplished through the SIFE Teams' outreach projects within their communities and the presentation of these projects at the regional and national competitions. SIFE team projects are educational programs that convey to

fellow college students and the surrounding communities' citizens a better understanding of current economic issues and a greater appreciation for the free enterprise system.

**Collegiate Entrepreneurs Organization-Whitewater Chapter** is a student organization dedicated to inspiring the Entrepreneurial spirit in today's college students. CEO encourages this through the sponsoring of dynamic speakers, opportunities for international travel, networking through local and national conferences, and a variety of other unique educational experiences.

## **COLLEGE DEGREE REQUIREMENTS**

### **BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

You may earn a Bachelor of Business Administration from the College of Business and Economics. Successful completion of the 20-hour volunteer requirement and a minimum of one hundred twenty (120) credits in the following areas is required:

University Proficiency General Education  
Diversity and Writing Proficiency  
College/Major  
College Volunteer Requirement

Students are required to complete 20 hours of volunteer work prior to graduation. Verification of completion of the volunteer requirement is required. For more information, contact the Assistant Dean's Office, College of Business and Economics.

### **Degree: Unique Requirement**

1. MATH 760-143 (GM)
2. ECON 230-211 (GS) and 230-212 (GS)
3. SELECT ONE COURSE WITH SIGNIFICANT INTERNATIONAL CONTENT

### **Lower Division Core Requirements**

4. 3 cr. 210-244 Accounting Concepts
5. One of the following courses: (Except Accounting majors who are required to take 210-341 and 210-342)

- 3 cr. 210-249 Managerial Accounting (Students cannot receive credit for both 210-249 and 210-342.)
- 3 cr. 210-341 Intermediate Accounting
- 3 cr. 210-342 Cost Accounting
  
- 6. 3 cr. 230-245 Business Statistics
- 7. MCS majors take 765-162 Computer Applications and 765 171 Introduction to Programming
- 8. All BBA students (except MCS majors) must pass the computer applications competency test prior to admission to the College

#### Upper Division Core Requirements

- 9. 3 cr. 250-301 Organizational Behavior
- 10.3 cr. 250-306 Operations Management
- 11.3 cr. 240-341 Business and Commercial Law
- 12.3 cr. 260-311 Marketing Principles
- 13.3 cr. 240-344 Business Finance
- 14.3 cr. 220-353 Business Communication
- 15.3 cr. 250-489 Administrative Policy
- 16.1 cr. 220-388 Career Information

#### **Major Requirements (21-30 cr)**

(No minor is required)

Writing Proficiency is either included in the college core or listed with the major.

Electives to bring the total to a minimum of 120 credits with a minimum of 60 credits outside the College of Business and Economics.

#### **INTERDEPARTMENTAL**

#### **MAJOR/EMPHASES**

#### **GENERAL BUSINESS (BBA)**

MAJOR - 24 CREDITS

17. SELECT 1 COURSE FROM EACH GROUP GROUP 1 ACTG 210-342, B ED 220-344, 220-348, 220-354, ECON 230-353, 230-354, 230-431 AND 230-437 GROUP 2 FNLW 240-342, 240-345, 240-348, 240-360, 240-442 AND 240-446 GROUP 3 MGNT 250-310, 250-320, 250-351, 250-456, 250-385, 250-430, 250-450 GROUP 4 B ED 220-363, 220-364, MKTG 260-321, 260-337, 260-349, 260-432, 260-442
18. SELECT 12 CRED (COURSE LVL 300 OR 400) FROM ACCOUNTING, BUS ED, ECONOMICS, FINANCE, MANAGEMENT, AND MARKETING WITH NO MORE THAN 12 CREDITS FROM ONE DEPARTMENT, INCLUDING THOSE TAKEN IN REQUIREMENT 1

### **GENERAL BUSINESS ENTREPRENEURSHIP EMPHASIS (BBA)**

MAJOR - 24 CREDITS

19. SELECT 9 CRED FROM COURSES ACTG 210-342, B ED 220-348, 220-363, FNLW 240-446, MGNT 250-385, 250-460, 250-466, 250-485, MKTG 260-350, 260-337, 260-420 AND 260-429
20. SELECT 12 CRED (COURSE LVL 300 OR 400) FROM ACCOUNTING, BUS ED, ECONOMICS, FINANCE, MANAGEMENT, AND MARKETING WITH NO MORE THAN 12 CREDITS FROM ONE DEPARTMENT, INCLUDING THOSE TAKEN IN REQUIREMENTS 1 AND 2.

### **GENERAL BUSINESS INTERNATIONAL EMPHASIS (BBA)**

MAJOR - 24 CREDITS

21. RELG 786-211 OR 786-212
22. SPCH 166-424 AND PSCI 820-351
23. SELECT 15 CRED FROM COURSES ECON 230-360, 230-401, 230-406, 230-431, 230-459, FINC 240-410, MGNT 250-410, MKTG 260-361 OR PSCI 820-350 MAXIMUM OF 6 CRED PER DEPT

MAJOR - UNIQUE FOREIGN LANG - 16 CREDITS

24. SELECT 16 CRED FROM FOREIGN LANGUAGE DEPARTMENT INCLUDING RETRO CREDIT FOR PREVIOUS LANGUAGE STUDY

## **INTEGRATED SCIENCE - BUSINESS (BBA)**

MAJOR - 42-52 CREDITS

25. SELECT 6 CREDITS OF UPPER DIVISION BUSINESS COURSES FROM ONE OF THE FOLLOWING AREAS:

ACCOUNTING, BUSINESS EDUCATION AND OFFICE SYSTEMS, ECONOMICS, FINANCE AND BUSINESS LAW, MANAGEMENT, MANAGEMENT COMPUTER SYSTEMS OR MARKETING.

26. SELECT 15-20 CREDITS FROM AT LEAST TWO OR MORE OF THE FOLLOWING AREAS:

- a. BIOL 630-141, 630-142
- b. CHEM 640-102, 640-104
- c. GEOL 616-100
- d. PHYS 800-160 OR 800-162 OR 800-172 OR 800-173
- e. ANY BIOLOGY, CHEMISTRY, GEOLOGY, OR PHYSICS COURSE WHICH HAS ONE OF THE ABOVE AS A PREREQUISITE OR IS AN ADVANCED MAJORS COURSE. (STUDENTS TAKING PHYSICS COURSES, AS PART OF THE SCIENCE CORE OR SCIENCE EMPHASIS, THAT REQUIRE MATH 760-254 AS A PREREQUISITE MAY USE 760-254 AS PART OF THEIR SCIENCE CORE 20 CREDIT REQUIREMENT.)

27. SELECT 12-17 CREDITS, ALL FROM AT MOST TWO OF THE SCIENCE AREAS: BIOLOGY, CHEMISTRY, GEOLOGY, PHYSICS.

28. 200/600-481 INTEGRATED SCIENCE MANAGEMENT

29. 200/600-485 INTEGRATED SCIENCE-BUSINESS SENIOR PROJECT

30. 200/600-493 SCIENCE-BUSINESS INTERNSHIP

## **DEPARTMENT OF ACCOUNTING**

*Phone:* 262-472-1344

*E-Mail:* [accounting@uwwvax.uww.edu](mailto:accounting@uwwvax.uww.edu)



*Faculty:* Alka Arora, Harold Averkamp, Peter Barton, James Fischer, Robert Gruber, Lyal Gustafson, Ann Hendricks, Kenneth Macur, David Remmele, Clayton Sager, Nancy Schneeberger, Roy Weatherwax (Chairperson).

The accounting program at UW-Whitewater is designed to prepare accounting majors to begin their career as professional accountants in any area of their choice—public accounting, industrial accounting, or governmental accounting. All of the programs in the College of Business and Economics at both the graduate and undergraduate levels are accredited by the American Assembly of Collegiate Schools of Business. Accounting graduates are qualified to sit for the Certified Public Accountant (CPA) examination and all other professional accounting certification examinations. In the State of Wisconsin all applicants to sit for the CPA exam who graduate after December 31, 2000 will be required to have completed an accounting program with 150 credits of selected coursework. At UWW we have designed an integrated 150 credit program culminating in a masters degree, Master of Professional Accountancy (MPA), to fulfill the new requirements.

## **MAJOR**

### **ACCOUNTING (BBA)**

A minimum combined transfer and UW-W grade-point average of 2.5 is required in 210-341, 210-342, 210-343 and in all accounting courses to major in accounting, and in all College of Business and Economics plus MCS courses to graduate as an accounting major.

NOTE 1: An accounting major may repeat no more than two accounting courses.

NOTE 2: Any accounting course may be one of the two repeats even if the original grade received was a "C" or better. For purposes of the grade point requirement in accounting the repeat grades will be used

NOTE 3: No one accounting course may be repeated more than once.

### **ACCOUNTING SEQUENCE - 9 CREDITS**

1. ACTG 210-341, 210-342 AND 210-343

### **MAJOR - 21 CREDITS**

1. ACTG 210-456

2. ACTG 210-451
3. ACTG 210-454
4. ACTG 210-461
5. ACTG 210-463
6. ACTG 210-465
7. ACTG 210-452 (BBA only) OR 210-493 (MPA only)

#### MAJOR - UNIQUE REQUIREMENTS

1. ENGL 680-370 OR B ED 220-356
2. FNLW 240-342 (for students who do plan to go on to the MPA program only)
3. MATH 760-243 (GM) OR 760-250 (GM) OR 760-253 (GM)

#### Courses Outside Business College (60 cr)

1. A minimum of 60 credits outside the College of Business and Economics and the MCS dept is required. 12 credits of economics courses are included in this total.

Accounting 210-249 may not be taken for credit by an accounting major. However, credit received for 210-249 prior to becoming an accounting major will be counted as elective credits and included for purpose of the accounting GPA requirements once selection of the accounting major is made. Non-accounting majors who have already received credit for 210-342 may not receive credit for 210-249 or vice versa.

An accounting major must complete 120 credits including one credit each of physical education and career information. Courses in skill areas, Concepts of American Business and physical education electives must be taken over and above this 120 credit total. Students who are required to enroll in Math 760-141 will be required to take 123 credits to complete the accounting program.

## **210 COURSE DESCRIPTIONS**

### **210-244 ACCOUNTING CONCEPTS 3 cr**

An introduction to accounting emphasizing basic accounting concepts: The accounting cycle, primary financial statements, forms of business organizations, assets, liabilities and owners' equity procedures.

Prereq: Soph st.

**210-249 MANAGERIAL ACCOUNTING 3 cr** Interpretation and use of accounting data by management in planning and controlling business activities. Problems of internal management are stressed; however, the use of accounting data by investors and potential investors is discussed. This course may not be taken for credit by an accounting major. Non-accounting majors who have already received credit for 210-342 may not receive credit for this course.

Prereq: 210-244. Unreq: 210-342.

**210-341/541 INTERMEDIATE ACCOUNTING I 3 cr**

This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also presents a detailed discussion of the standard-setting process, conceptual framework, accounting cycle, income statement, statement of financial position, and theoretical and practical aspects of the time-value of money in accounting.

Prereq: 210-244.

**210-342 COST ACCOUNTING 3 cr**

A study of product costing (job-order and process costing, absorption and direct costing). Cost behavior, budgeting, performance evaluation. The relevancy of accounting information in decision making and the allocation of service department and other joint costs. Non-accounting majors who have already received credit for 210-249 may not receive credit for this course.

Prereq: 210-244. Unreq: 210-249.

**210-343/543 INTERMEDIATE ACCOUNTING II 3 cr**

This course continues the coverage of financial accounting topics started in ACCOUNT 341/541. Specific topics include accounting of investments, current liabilities, long-term liabilities (bonds, notes, leases, pensions), stockholders' equity, deferred income taxes, accounting changes, and other specialized financial accounting topics. This course emphasizes the application, interpretation, and analysis of accounting principles and procedures for complex accounting and reporting topics.

Prereq: 210-341.

**210-451/651 INCOME TAX ACCOUNTING 3 cr**

A study of United States and Wisconsin income tax laws with emphasis on the individual taxpayer. The study includes a review of current proposals, discussion of practical problems in tax planning and practice in the preparation of tax returns.

Prereq: 210-244 or 210-701.

**210-452 ADVANCED INCOME TAX ACCOUNTING 3 cr**

A study of United States and Wisconsin income tax laws with special emphasis on the treatment of corporations and partnerships. Additional topics may include installment

sales, accounting for inventories, income averaging, income taxation of estates and trusts, and tax administration.

Prereq: 210-451 and completion of 210-341, 210-342, and 210-343. A 2.5 gpa in 210-341, 210-342 and 210-343.

### **210-454 ACCOUNTING INFORMATION SYSTEMS 3 cr**

A study of the objectives and design of financial information systems. The impact of information technology on the gathering, processing and reporting of financial and operating information. Applications in financial information systems analysis and design with emphasis on the information requirements for business decision making and improvement to business processes.

Prereq: 250-211, 210-342, 210-343 and a 2.5 gpa in 210-341, 210-342 and 210-343.

### **210-456 ADVANCED COST AND CONTROLLERSHIP 3 cr**

An in-depth study of cost behavior patterns, profit-planning, performance measurement, and performance analysis. Standard costs, variance analysis, cost-volume-profit analysis, differential costs and applications of various decision models.

Prereq: 230-245 and 210-342 or 210-249 and cons instr.

### **210-458 ADVANCED MANAGERIAL ACCOUNTING 3 cr**

This course will investigate the importance, use, and limitations of accounting information in economic, financial, and management decision models. In addition, this course will examine the accountant's communicative role in providing information to decision makers, including ethical considerations.

Prereq: Senior Status and 210-341, 210-451, 250-306 and 210-456 or 210-249 and consent of instructor.

### **210-459 SPECIAL FINANCIAL ACCOUNTING TOPICS 3 cr**

A continuation of the financial accounting coverage started in Intermediate I and Intermediate II. Major areas include: 1) a comprehensive examination of EPS, 2) partial operations and SEC reporting requirements, and 3) Revenue Recognition. Also, recent Prouncements not covered in 210-341 and 210-343 will be covered.

Prereq: 210-343.

### **210-461 ADVANCED ACCOUNTING I 3 cr**

Accounting for consolidations including mergers, parent-subsidiary relationships and consolidated statements. Problems in partnership accounting. A study of international accounting and control problems in foreign translation.

Prereq: Completion of 210-341, 210-342, and 210-343. A 2.5 GPA in 210-341, 210-342 and 210-343.

**210-463 ADVANCED ACCOUNTING II 3 cr**

Advanced study of the theory and accounting for accrual, modified accrual and cash based accounting. Application of principles and procedures to cash flow presentation. A study of governmental (fund) accounting; and recent FASB Statements not covered in 210-341, 210-343, and 210-461.

Prereq: Completion of 210-341, 210-342, and 210-343. A 2.5 GPA in 210-341, 210-342 and 210-343.

**210-465 AUDITING 3 cr**

Auditing principles and procedures. Audit programs, standards, responsibilities and controls. Professional ethics and legal responsibilities. AICPA standards, releases and publications. Audit of EDP systems and statistical sampling.

Prereq: 210-454 and 2.5 GPA in 210-341, 210-342 and 210-343.

**210-490/690 WORKSHOP 1-3 cr**

Repeatable. Prereq: Consent of instructor.

**210-493 INTERNSHIP IN ACCOUNTING 2-6 cr**

Offered on a satisfactory/no credit basis only. An opportunity for selected upperclassman to gain work experience in one of the various areas of accounting practice during a semester or summer. Course includes close faculty-employer coordination and an appropriate written report on the work experience. Repeatable.

Prereq: Consent of instructor.

**210-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable for a maximum of 3 credits in the accounting major and a maximum of 6 credits in the degree.

**210-498 INDEPENDENT STUDIES 1-3 cr**

Repeatable. Prereq: Cons dept chp.

**DEPARTMENT OF BUSINESS**  
**EDUCATION/COMPUTER & NETWORK**  
**ADMINISTRATION**

*Phone:* 262-472-1322

*E-Mail:* [bused@uwwvax.uww.edu](mailto:bused@uwwvax.uww.edu)

Faculty: R. Neil Dortch, Mary Margaret Hosler, Marcia James (Chairperson), Richard James, Jean Mausehund, Jo Ann Oravec, Robert Schramm, Bambi Statz, Roger Yin, Donald K. Zahn.

The Business Education program at this university is nationally known. The program won the National Programs of Excellence Award in 1994 and in 1997. Business teachers are prepared in content and methodology which are complemented by field experiences. Graduates are marketable in education and business settings.

The Computer End-User Technologies\* major is offered for individuals who like to work with people and computers. End-user computing, network administration, telecommunications, and human factor considerations are learned and applied in realistic business projects and internships. Graduates are qualified for positions such as software trainers, PC support specialists, network administrators, and office managers.

## **MAJOR/EMPHASES**

By completing the Business Education program, students will be eligible for the Department of Public Instruction License 250. This license enables graduates to teach business subjects at grades 6-12; business teachers often serve as coordinators of cooperative vocational education programs and advisors of a student organization.

Students can validate business-related work experience to obtain DPI License 281 (Vocational). Some of the necessary hours for vocational certification can be acquired through 220-470 Directed Occupational Practice. Also, and add-on DPI license for elementary keyboarding is available.

## **BUSINESS EDUCATION (BSE)**

### **LICENSURE - 40-42 CREDITS**

1. EDFD 423-212 AND 424-425
2. EDFD 420-243
3. C&I 437-441, 437-442 AND 437-444
4. C&I 437-466
5. SELECT 2 CRED FROM COURSE C&I 439-210
6. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

8. SELECT 3 CREDITS FROM SPED 480-205
9. SELECT 0-2 CREDITS FROM C&I 439-413

#### MAJOR - 43 CREDITS

1. B ED 220-245, 220-300, 220-255
2. ACTG 210-244, B ED 220-347, 220-353, FNLW 240-341 AND MKTG 260-311
3. ACTG 210-498 (1 cr.), B ED 220-344, 220-447, 220-460, 220-461 AND 220-462
4. B ED 220-141
5. SELECT 3 ELECTIVE BUSINESS CREDITS EXCEPT ECON 230-211 AND ECON 230-212

#### MAJOR - UNIQUE REQUIREMENT - 6 CREDITS

1. ECON 230-211 (GS) RLS
2. ECON 230-212 (GS) RLS

The Business Education Marketing Education Comprehensive major allows the students to obtain two Department of Public Instruction licensures-250 Business and 285 Marketing. School districts favor this combination as it gives them flexibility in staffing. In order to obtain the DPI 285 license, the students must validate their marketing-related work experience. Some of the necessary hours for vocational certification can be acquired through 220-470 Directed Occupational Practice. Also, an add-on DPI license for elementary keyboarding is available.

### **MARKETING EDUCATION COMPREHENSIVE (BSE)**

#### LICENSURE - 42-44 CREDITS

1. EDFD 423-212 AND 424-425
2. EDFD 420-243
3. C&I 437-440, 437-441, 437-442, AND 437-444
4. C&I 437-466
5. SELECT 2 CRED FROM COURSE C&I 439-210
6. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. SELECT 3 CREDITS FROM C&I 439-492
8. SELECT 3 CREDITS FROM SPED 480-205

9. SELECT 0-2 CREDITS FROM C&I 439-413

MAJOR - 57 CREDITS

1. B ED 220-141, 220-300, FNLW 240-341
2. ACTG 210-244, ACTG 210-498 (1 cr.), B ED 220-353 AND MKTG 260-311
3. MKTG 260-361, B ED 220-447, 220-460 AND 220-461
4. B ED 220-361, 220-362, 220-363, 220-364, AND 220-462
5. B ED 220-245, 220-255, 220-344, AND 220-347
6. SELECT 3 ELECTIVE BUSINESS CREDITS EXCLUDING ECON 230-211 AND ECON 230-212

MAJOR - UNIQUE REQUIREMENT - 6 CREDITS

1. ECON 230-211 (GS) RLS
2. ECON 230-212 (GS) RLS

**BUSINESS EDUCATION MARKETING EDUCATION COMPREHENSIVE (BSE)**

LICENSURE - 36 CREDITS

1. EDFD 423-212 AND 424-425
2. EDFD 420-243
3. C&I 437-440 AND 437-466
4. SELECT 2 CRED FROM COURSE C&I 439-210
5. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
6. SELECT 3 CREDITS FROM COURSE C&I 439-492
7. SELECT 3 CREDITS FROM SPED 480-205

MAJOR - 45 CREDITS

1. B ED 220-300, 220-141, FNLW 240-341
2. ACTG 210-244, ACTG 210-498, B ED 220-353 AND MKTG 260-311
3. MKTG 260-361, B ED 220-447, 220-460 AND 220-461
4. B ED 220-361, 220-362, 220-363 AND 220-462
5. B ED 220-364
6. SELECT 3 ELECTIVE BUSINESS CREDITS EXCLUDING ECON 230-211 AND ECON 230-212



MAJOR - UNIQUE REQUIREMENT - 6 CREDITS

1. ECON 230-211 (GS) RLS
2. ECON 230-212 (GS) RLS

**\*COMPUTER END-USER TECHNOLOGIES MAJOR**

**\*COMPUTER END-USER TECHNOLOGIES (BBA)**

MAJOR - 27 CREDITS

1. B ED 220-255, 220-347, 220-348, 220-357, 220-445 AND 220-454
2. SELECT 9 CRED FROM COURSES B ED 220-349, 220-365, 220-457, 220-493  
OR MGNT 250-428

For those students who may take a non-teaching minor and who wish to prepare themselves for entry level employment in the field of business as an end-user specialist in Computer End-user Technologies\*, a minor has been developed. See PROFESSIONAL MINOR IN BUSINESS STUDIES in the College of Letters and Sciences section for requirements.

## **220 COURSE DESCRIPTIONS**

**\*NOTE: Computer End-User Technologies formerly called "Office Systems"**

### **220-141 CONCEPTS OF BUSINESS 3 cr**

Introduction to the organization and operation of the business enterprise system in the American economic system and in a global economy; surveying management, marketing, production, accounting, finance, administrative support, and risk management; career exploration for those in the process of selecting a career; utilizes microcomputer in quantifying business decisions. This course is open to all who have not completed or are currently enrolled in three or more courses from the business and economics area.

### **BSEDCNA 245 TECHNOLOGY APPLICATIONS FOR BUSINESS TEACHERS 3 cr**

Future business teachers will demonstrate the ability to use the keyboard while applying the touch method. They also will learn how to format business documents, demonstrate a level of competence in spreadsheet applications and presentation graphics, apply desktop publishing principles, understand the content of a course in

study skills, and apply rules of the English language to written exercises and business documents.

Prereq: Business Education, Business & Marketing Education Comprehensive majors, and MSBE students (Secondary emphasis).

### **220-255 COMPUTER END-USER TECHNOLOGIES 3 cr**

The course provides a comprehensive overview of technology solutions for the organizational and end-user environment including software, operating systems and hardware considerations.

Prereq: Business Education major, Pre-Business major, or Computer End-User Technologies or Office Systems major or minor.

### **220-300/500 INTRODUCTION TO BUSINESS AND MARKETING EDUCATION 3cr**

This course is designed to introduce business and marketing education majors to the professions structure, standards, issues, expectations, and career development procedures.

Prereq: Junior standing and a Business Education major

### **220-344 CONSUMER EDUCATION AND PERSONAL FINANCE 3 cr**

Study for managing personal and household resources; utilizing sources of consumer information and protection; handling the continuous decisions encountered with personal finance relative to goals, financial analysis, insurances, income taxes, borrowing, banking, housing, household operation, savings, investments; utilizes the microcomputer and compound interest tables in the decision process.

### **220-347 NETWORK ADMINISTRATION FOR THE END-USER 3 cr**

This course is designed to give students an overview of networking technologies, including a strong foundation in local area network administration. Conceptual components of the course will be taught through lecture, discussion, case study, and hands-on components.

Prereq: 220-255 and Business Education major or Computer End-User Technologies/Office Systems major or minor.

### **220-348 MICROCOMPUTER APPLICATIONS FOR THE SMALL BUSINESS 3 cr**

An introduction to the non-programming uses of microcomputers in a small business environment. The common business uses of accounting, data base, spreadsheet, graphics, word processing, software integration, etc. will focus on small business applications. In addition, current trends in microcomputer business applications will be discussed and/or demonstrated. The course will be primarily hands-on with students working extensively with business software, business applications job sheets,

microcomputers, and peripheral equipment.

Prereq: 250-211 and Computer End-User Technologies/Office Systems major or minor - or General Business major.

### **220-349 WIRELESS TECHNOLOGY FOR BUSINESS 3 cr**

This course will examine how organizations and individuals can utilize wireless technologies to solve specific business problems, with a special emphasis on wireless Internet applications for consumer and small business use. The course will focus on implementation, administration, and end-user service/training issues. It will also spotlight the "human factors" and usability concerns that enter into wireless application development and administration, as well as the markup languages that are involved in many wireless Internet design initiatives. The course will explore the current and projected sets of wireless Internet protocols, including WAP, iMode, and HDML. In terms of applications, the class will emphasize "m-commerce" initiatives (the kinds of electronic commerce applications that can be supported with wireless and mobile computing), although it will also review the emerging set of community-centered initiatives both in the US and abroad.

Prereq: 220-347

### **220-353 BUSINESS COMMUNICATION 3 cr**

Instruction in and application of the principles and practices of communication used in business and the professions. This includes the writing of short and long reports, letters, and memos as well as the sending and receiving of oral and nonverbal messages—special attention is given to oral presentations. Basic language skills are emphasized.

### **220-356 BUSINESS COMMUNICATION ISSUES AND PRACTICES 2 cr**

An in depth analysis of business communication issues and practices as they occur in today's business environment. Special emphasis is given to development of business writing and presentation skills including technologies and human factors affecting the business climate as they apply to business decision making, report writing, and communication systems.

### **220-357 WEB PAGE DEVELOPMENT AND ADMINISTRATION 3 cr**

A course which guides the student through a hands-on, step-by-step process of creating an attractive, well-designed Web site for an enterprise. Students will learn web design and maintenance, graphics development, prototyping, design methodologies, and usability testing. Also, electronic commerce technologies and practices will be overviewed.

Prereq: Computer End-User Technologies major or minor or Web Site Development and Administration minor or students in the Web Site Development and Administration Certificate Program.

**220-361/561 MERCHANDISE MANAGEMENT 3 cr**

A study of retail merchandising principles and practices involved in bringing goods to the retail point of sale. Included are the steps necessary to insure profitability while satisfying customer demand. The course explores in depth the issues, basic concepts, problems and techniques involved in effective retail merchandising management based upon the 6-month merchandising plan.

**220-362 VISUAL MERCHANDISING 2 cr**

A specialized course dealing with application of principles of visual display, store design, and store layout in retailing. Designed to familiarize students with aspects of visual merchandising including window and interior display, and the psychology of interior and exterior store design. Also included are store layout techniques. Intended for students who plan to teach appropriate business courses or for those who plan to pursue retailing.

**220-363/563 RETAIL SALES AND DISTRIBUTION 3 cr**

The various methods of retail selling and distribution of products and services are covered with emphasis on the technical and psychological aspects of department store as well as small retail store distribution. Additional focus is on the concept of total customer service.

**220-364 RETAIL ADVERTISING 3 cr**

This course examines advertising programs used by retail businesses including methods for analyzing products, customers, and markets. Advertising budget planning and dissemination to product lines, to departments, and to services will be covered. Restraints placed on the persuasive power of advertising by legal and ethical considerations; problems and societal issues are discussed.

**220-365 HUMAN RELATIONS IN BUSINESS AND OTHER PROFESSIONS 3 cr**

This course involves the study of people-to-people relationships in the world of work. Students enrolled will be provided opportunities to analyze their personal/social traits and attitudes toward people of diverse cultural backgrounds while studying requirements for effective human relations in the workplace. The course topics will focus on humans relating and on discrimination, cultural differences, and ethnic "notions."

Prereq: Junior standing and Computer End-User Technologies/ Office Systems major or minor.

**220-388 CAREER INFORMATION 1 cr**

Offered on a satisfactory/no credit basis only. A presentation of techniques of self-analysis in preparation for the job search. The job search includes resume, cover letter,

and interview preparation. Also included are the various types of correspondence necessary in the job search.

Restricted to BBA majors. Prereq: Restricted to students with at least 75 credits.

**220-445/645 COMPUTER END-USER INFORMATION MANAGEMENT 3 cr**

This course provides a detailed treatment of information and media management. Media is defined as the information storage format, and includes paper, microrecords, electronic, and other forms of information generation, recording, and storage. Students will develop an understanding of the information life cycle, information value, and how information serves as a critical organizational asset.

Prereq: 220-347 and 220-348 and Computer End-User Technologies/Office Systems major minor.

**220-447/647 INFORMATION SYSTEMS FOR BUSINESS TEACHERS 3 cr**

A study of the concepts, procedures, and hardware used in business with an emphasis on E-mail, Internet, and multimedia. Distance learning technology will be examined as one means of integrating information systems throughout the business education curriculum.

**220-454 COMPUTER END-USER SYSTEMS MANAGEMENT 3 cr**

This course integrates, through case studies or other comprehensive capstone experiences, the application of concepts, theories, and skills associated with end-user systems as they contribute to the solution of business problems. Selected topics will emphasize current technological advancements and computer end-user systems management concerns.

Prereq: 220-347, 220-348 and Computer End-User Technologies/Office Systems major or minor.

**220-457 IMPLEMENTING INTERNET APPLICATIONS 3 cr**

The course will explore in depth many of the tools for Internet application maintenance found in FrontPage 2000, Dreamweaver, and other programs. These programs are commonly used applications that nearly all end-users will have access to and are available in practically all US organizations.

Prereq: 220-357

**220-460 PRINCIPLES OF CAREER AND TECHNICAL EDUCATION 2 cr**

History and development of vocational education both in the United States and Wisconsin are explored. The administrative structure of vocational education at the local, state, and national levels is outlined. Vocational program areas are discussed with emphasis given to issues, trends, and problems in vocational education. Meets the Department of Public Instruction's course requirement for vocational certification

and fulfills one of the certification requirements of the Wisconsin Technical College System.

**220-461/661 ORGANIZATION AND ADMINISTRATION OF COOPERATIVE EDUCATION PROGRAMS 3 cr**

Study of vocational/occupational programs which utilize the internship/youth apprenticeship/cooperative method of instruction. Includes the knowledge and procedures necessary to implement the quality components of an occupational program. Current issues facing vocational education are to be discussed. The cooperative method, procedures, and techniques are stressed. Meets the Department of Public Instruction's course requirement for vocational certification.  
Prereq: 220-460/660 or equivalent.

**220-462/662 COORDINATION TECHNIQUES 1 cr**

This course covers techniques of how a vocational education teacher can successfully coordinate a vocational program using the cooperative method. Students will have the opportunity to demonstrate their skill in coordination techniques through simulation and role playing. Specific topical areas covered are how to: locate job training sites, sell the employer on program participation, articulate the classroom curriculum with the cooperative experience, evaluate the student's work performed, and supervise on-the-job problems.  
Prereq: 220-460/660 or equivalent.

**220-470 DIRECTED OCCUPATIONAL PRACTICE 1-3 cr**

A course for selected upper level students to gain work experience in an area of business education, marketing (distributive) education, or computer technologies during a semester or summer. The culmination of this experience is a written report detailing the work experience and its contribution to the overall development of the student's career plan.

**220-490/690 BUSINESS EDUCATION WORKSHOP 1-3 cr**

Repeatable. Prereq: Jr or sr st and cons instr.

**220-493 COMPUTER END-USER INTERNSHIP Repeatable 1-3 cr**

This course is designed to provide the senior-level student an opportunity to assist with the planning and implementation of computing technologies in the real world. Students may perform software/hardware training/consulting and/or end-user support duties. Students will meet periodically with the instructor to discuss the internship experience.  
Prereq: 220-255 and consent of instructor.

### **220-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable. Prereq: Cons instr.

### **220-498 INDEPENDENT STUDIES IN BUSINESS EDUCATION 1-3 cr**

Offered on a satisfactory/no credit basis only. Repeatable for a maximum of 3 credits in major/degree. Prereq: Sr st and cons dept chp.

## **DEPARTMENT OF ECONOMICS**

*Phone:* 262-472-1361

*E-Mail:* [economics@uwwvax.uww.edu](mailto:economics@uwwvax.uww.edu)

Faculty: Jeffrey Anstine, Ashok Bhargava (Chairperson), William Blankenau, John Dominguez, Joseph Domitrz, Stuart Glosser, Kirk Kim , Jerome Laurent, L. Denton Marks, Susan Parks, Thomas Schweigert, Mark Skidmore, Sandra Snow.

Economics occupies a unique position in the academic curriculum. It is a social science concerned with choices made by individuals and society regarding resource allocation. At the same time, economics is essential to understanding the business world and provides the foundation for applications in accounting, finance, management and marketing.

There are a variety of ways to include economics in an undergraduate degree. Students can major in economics within the College of Letters and Sciences or within the College of Business and Economics. Students from the College of Letters and Sciences can combine a major in economics with a professional minor in business studies. Students from the College of Business and Economics who are not economics majors can obtain a minor in economics. Students in the College of Education can obtain a BSE with a major in economics.

Economics is divided into economic theory, quantitative methods and a variety of applied subfields. The department offers courses in Comparative Economics, Economic Development, Economics of Health Care, Industrial Organization, International Economics, Labor, Managerial Economics, Monetary Economics, Natural and Environmental Resource Economics, Public Economics, and Urban and Regional Economics. Economic theory and quantitative methods provide students with analytical skills and with the tools of empirical investigation.

An economics education opens up opportunities for career paths in business, government, nongovernmental and nonprofit organizations, journalism and education.

Economics is valuable as a major or minor for those planning to pursue further professional or graduate training: MBA, law, public policy and administration, industrial and labor relations, and international relations. Students who are considering graduate work in economics or related business disciplines should consider a minor in mathematics or a double major in economics and mathematics.

## **MAJORS/EMPHASES**

The department offers the following three emphases. All students pursuing an emphasis must take Economics 211, 212, 301, 302 and 402 (for BA or BS) or 345 (for BBA).

These are particularly useful for those interested in policy-related careers. Economics provides intellectual tools fundamental to the origination, development, and critique of policy in the business, nonprofit, and public sectors.

**International Emphasis:** This emphasis is of value to students seeking a career in business, government or non-governmental organizations involved with the increasing internationalization of the world economy. It provides students with a comprehensive background in: international trade and trade policy; international finance and exchange rates; multinational enterprise and foreign investment; economic growth and development in developing and transition economies; comparative economic systems.

Courses:

230-360 Growth and Development in the World Economy

230-401 International Economics

230-406 International Finance and Banking

230-431 Economics of Globalization

230-451 Economies of Asia

230-459 Comparative Economic Systems

**Economies and Business Policy Emphasis:** This emphasis is of value for careers involving strategic and tactical planning in the private sector. It develops skills in issue/problem identification and definition, formulation of hypotheses, model-building and model-testing. Business policy involves some or all of the core business areas such as marketing, finance, and accounting, but takes a broader view of the



overall role of the firm and the industry in which it operates. Courses of particular interest include:

ECON 301/501 Intermediate Microeconomic Analysis

ECON 302/502 Intermediate Macroeconomic Analysis

ECON 341 Government and Business

ECON 345 Business Statistics II

ECON 353 Labor Markets and Labor Policies

ECON 354 Money and Banking

ECON 401 International Economies

ECON 402 Business Cycles

ECON 406 International Finance and Banking

ECON 437 Managerial Economics

ECON 441/641 Industrial Organization and Competitive Strategies

Students completing this emphasis will be well prepared for direct entry into a business career path or for further graduate or professional study (e.g., a general or specialized MBA).

**Economics and Public Policy Emphasis:** This emphasis is for those seeking a career in government: in the civil service; as an elected official. Also careers involving formulation of public policy through organizations as diverse as trade associations and nonprofit organizations. Courses of particular interest include:

ECON 301/501 Intermediate Microeconomic Analysis

ECON 302/502 Intermediate Macroeconomic Analysis

ECON 324 Cooperatives

ECON 353 Economics of Labor Markets and Labor Policies

ECON 356 Public Finance

ECON 360 Growth and Development in the World Economy

ECON 401 International Economics

ECON 406 International Finance and Banking

ECON 438/638 Urban, Regional, and Transport Economies

ECON 445 Economics of Health Care

ECON 459/659 Comparative Economic Systems

ECON 471 Natural Resource and Environmental Economics

Students completing this emphasis will be prepared either for direct entry into careers in public policy analysis in the public or private sector or for further graduate or professional study in areas such as Public Policy Analysis or Public Administration. The curriculum relevant to those particularly interested in public policy toward business (e.g., business regulation, trade policy) are referred to the discussion of the Economics and Business Policy Emphasis.

### **ECONOMICS (BBA)**

MAJOR - 21 CREDITS

1. ECON 230-345, 230-301 AND 230-302
2. SELECT 12 CRED (COURSE LEVEL 300 OR 400) FROM ECONOMICS DEPARTMENT ECONOMICS (BA/BS)

### **ECONOMICS - BUSINESS POLICY EMPHASIS (BBA)**

MAJOR - 27 UNITS

1. ECON 301, ECON 302, ECON 345
2. SELECT 12 ELECTIVE UNITS FROM THE FOLLOWING:  
ECON 341, ECON 353, ECON 354, ECON 402, ECON 437, ECON 441, OR  
ECON 493
3. SELECT 6 UNITS FROM  
MARKETNG 321, MARKETNG 479, MANGEMNT 471, OR MANGEMNT 484

### **ECONOMICS - INTERNATIONAL ECONOMICS EMPHASIS (BBA)**

**MAJOR - 27 UNITS**

1. ECON 301, ECON 302, ECON 345
2. SELECT 12 UNITS IN THE FOLLOWING:  
ECON 301, ECON 360, ECON 401, ECON 406, ECON 431, ECON 451, OR  
ECON 459
3. SELECT 6 UNITS FROM:  
SPEECH 424, FNBSLW 410, MANGEMNT 410, MARKETNG 361, POLISCI 350,  
POLISCI 351, OR GEOGRPY 332

**ECONOMICS - PUBLIC POLICY EMPHASIS (BBA)**

**MAJOR - 27 UNITS**

1. ECON 301, ECON 302, ECON 345
2. SELECT 12 UNITS FROM THE FOLLOWING:  
ECON 324, ECON 341, ECON 345, ECON 353, ECON 356, ECON 438, ECON  
445, ECON 417, OR ECON 493
3. SELECT 6 UNITS FROM:  
POLISCI 330, POLISCI 344, GEOGRPY 340, GEOGRPY 350, GEOGRPY 440

**ECONOMICS (BA/BS)**

Students in the College of Letters and Sciences are required to have:

1. a minimum overall GPA of 2.0.
2. a minimum grade point of 2.0 in their major.

**MAJOR - 27 CREDITS & 2.00 GPA**

1. ECON 230-212, 230-245, 230-404, 230-301 AND 230-302
2. SELECT 12 ELECTIVE CRED (300 AND 400) IN ECONOMICS

**UNIQUE MAJOR AND WRITING REQ. - 9-11 CREDITS**

1. ECON 230-211 AND B ED 220-353 RLS
2. MATH 760-243 (GM) OR 760-250 (GM) RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**INTERNATIONAL ECONOMICS EMPHASIS (BA/BS)**

**MAJOR - 33 UNITS**

1. ECON 212, ECON 245, ECON 301, ECON 302 AND ECON 404
  2. SELECT 12 ELECTIVE UNITS FROM:  
ECON 301, ECON 360, ECON 401, ECON 406, ECON 431, ECON 451, OR  
ECON 459
  3. SELECT 6 UNITS FROM  
SPEECH 424, FNBSLW 410, MANGEMNT 410, MARKETNG 361, POLISCI 350,  
POLISCI 351, GEOGRPY 332
- UNIQUE MAJOR AND WRITING REQUIREMENT - 9-11 UNITS
- A. ECON 211 AND BSEDCNA 353
  - B. MATH 342 OR MATH 250

**ECONOMICS - PUBLIC POLICY EMPHASIS (BA/BS)**

**MAJOR - 33 UNITS**

1. ECON 212, ECON 245, ECON 301, ECON 302, ECON 404
  2. SELECT 12 UNITS FROM THE FOLLOWING:  
ECON 324, ECON 341, ECON 345, ECON 353, ECON 356, ECON 438, ECON  
445, ECON 471, OR ECON 492
  3. SELECT 6 UNITS FROM THE FOLLOWING:  
POLISCI 330, POLISCI 344, GEOGRPY 340, GEOGRPY 350 OR GEOGRPY 440
- UNIQUE MAJOR AND WRITING REQUIREMENT - 9-11 UNITS
- A. ECON 211 AND BSEDCNA 353
  - B. MATH 243 OR MATH 250

**ECONOMICS (BSE)**

**LICENSURE - 37-38 CREDITS**

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425

9. SELECT 3 CREDITS FROM COURSE SPED 480-205

MAJOR - 34 CREDITS

1. ECON 230-245, 230-404, 230-301, 230-302 AND 230-459
2. ECON 230-212 OR 230-213
3. SELECT 16 CRED (COURSE LEVEL 300 OR 400) FROM ECONOMICS DEPT

WRITING - 3 CREDITS

1. B ED 220-353 RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**SOCIAL STUDIES BROADFIELD - ECONOMICS I EMPHASIS (BSE)**

LICENSURE - 42-43 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM SPED 480-205

MAJOR - 54 CREDITS

1. ECON 230-245, 230-404, 230-301, 230-302 AND 230-459
2. ECON 230-212 OR 230-213
3. SELECT 16 CRED FROM ECONOMICS COURSES AT THE 300 OR 400 LEVEL
4. SELECT 20 CRED FROM AT LEAST 2 OF THE SOCIAL SCIENCE AREAS EXCLUDING CORE COURSES

WRITING - 3 CREDITS

1. B ED 220-353 RLS

## **SOCIAL STUDIES BROADFIELD - ECONOMICS II EMPHASIS (BSE)**

### LICENSURE - 42-43 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM SPED 480-205

### MAJOR - 54 CREDITS

1. ECON 230-245, 230-404, 230-301 AND 230-302
2. ECON 230-212 OR 230-213
3. SELECT 7 ELECTIVE CRED FROM ECONOMICS COURSE LEVEL 300 OR 400
4. SELECT 32 CRED FROM AT LEAST 3 OF THE SOCIAL SCIENCE AREAS EXCLUDING CORE COURSES

### WRITING - 3 CREDITS

1. B ED 220-353 RLS

## **MINOR/EMPHASES**

### **ECONOMICS - L&S EMPHASIS**

#### MINOR - 21 UNITS

1. ECON 211 AND ECON 212
2. SELECT 15 CRED FROM ECONOMICS NUMBERED ECON 240 OR HIGHER. IF YOU ARE A BBA STUDENT, THE ECON COURSES APPLIED TO YOUR DEGREE REQUIREMENTS WILL NOT BE LISTED HERE BUT THEY CAN BE APPLIED TO THE MINOR; CHECK WITH THE ECON DEPT FOR INFORMATION.

## **ECONOMICS EDUCATION EMPHASIS**

MINOR - 22 UNITS

1. ECON 211, ECON 212 AND ECON 459
2. SELECT 13 CRED FROM ECONOMICS NUMBERED  
ECON 240 OR HIGHER

## **230 COURSE DESCRIPTIONS**

### **230-201 PRINCIPLES OF MICROECONOMICS GS 3 cr**

Consumer and firm behavior. Market supply and demand and the price system. Monopoly and imperfectly competitive market structures. The pricing of factors of production and the distribution of income. Additional topics may include: poverty, growth and development; international trade. Conventional grade basis only if course is required in the College of Business for major.

Unreq: 230-212.

### **230-202 PRINCIPLES OF MACROECONOMICS GS 3 cr**

The economic problem: allocating scarce resources among alternative uses. The role of the market: supply and demand. The aggregate economy: output, income, employment and inflation. The nature and role of money. The effect of government expenditure and taxation on the economy. Conventional grade basis only if course is required in the College of Business for major. Prereq: ECON 201

### **230-213 ECONOMIC PRINCIPLES FOR TEACHERS 3 cr**

Price-determination, income-distribution, and resource allocation in the market economy, including profit-making and cooperative business organizations. International trade, economic growth, and the role of government are examined. Satisfies the state teacher certification requirements of instruction in cooperatives. Prereq: Sophomore standing. Unreq: ECON 201 or ECON 212.

### **230-245 BUSINESS STATISTICS I 3 cr**

An introduction to descriptive statistics, probability theory and statistical inference. Graphical and numerical methods of summarizing data. Probability concepts and theoretical probability distributions. Sampling and sampling distributions. Estimation, confidence intervals and hypothesis testing. Correlation and regression analysis. The

course emphasizes the application and interpretation of statistical techniques.  
Prereq: 760-143.

**230-301 INTERMEDIATE MICROECONOMIC ANALYSIS 3 cr**

Consumer and firm behavior. Theories of consumption and production. Pricing of products and factors of production under different market structures. General equilibrium. Market failure, externalities and public goods.

Prereq: ECON 201 OR ECON 212.

**230-302 INTERMEDIATE MACROECONOMIC ANALYSIS 3 cr**

Measuring the aggregate economy: national income and product accounting, inflation and unemployment. The nature and role of money and interest rates in the macroeconomy. The effects of monetary and fiscal policies on output, employment and inflation in the short and long run. Economic fluctuations and growth.

Prereq: ECON 202 OR ECON 211.

**230-324 COOPERATIVES 2 cr**

A study of production, marketing, consumer and service cooperatives. Also covers history, principles, theory of cooperation, legislation, financing, taxation, etc. Students should develop an understanding of how cooperatives fit into our social and economic life.

**230-341 GOVERNMENT AND BUSINESS 3 cr**

Development of public policies toward business. Constitutional powers and limitations of the federal government. Laws and key Supreme Court cases dealing with monopoly, business practices and public utility regulation. River valley development, oil and natural gas policy and problems of public ownership.

Prereq: ECON 201 or ECON 212.

**230-345/545 BUSINESS STATISTICS II 3 cr**

The second course in statistics is a course in applied regression analysis. It begins with a review and extension of descriptive statistics, probability and statistical inference as presented in a first course before going on to a detailed treatment of simple and multiple regression.

Prereq: 230-245.

**230-351/551 THE ECONOMIES OF ASIA (EMERGING MARKETS) GS 3 cr**

A comparative study of the economic structures, institutions and processes of the nations of Asia with relevant historical perspective. Emphasis on current economic policies and business climate. Students may study specific countries in detail.

Prereq: 230-105 or 722-105 or 820-105 or 230-211.



**230-353 ECONOMICS OF LABOR MARKETS AND LABOR POLICIES 3 cr**

A study of the demand for and supply of labor with particular emphasis upon: the behavior of labor markets; economic theories of wage determination; labor institutions and their historical evolution; labor-management relations; the effects of public policy.

Prereq: ECON 201 or ECON 212

**230-354 MONEY AND BANKING 3 cr**

The demand for and supply of money in historical perspective including the role of the banking system in the credit creation process. Financial markets, interest rates and economic activity. The Federal Reserve System, monetary policy and the macroeconomy.

Prereq: ECON 201 or ECON 212

**230-356 PUBLIC FINANCE 3 cr**

Economic analysis of public sector issues in relation to the overall economy including: market failure and the role of the public sector; the effects of government expenditures, taxation and borrowing on the allocation and distribution of resources; stability of the U.S. economic system.

Prereq: ECON 201 or ECON 212

**ECON 359 COMPARATIVE ECONOMIC SYSTEMS 3 cr**

Study of the modern theories of capitalism and socialism and their variants. Examination of the origin, organization, operation and performance of alternative economic systems. Contemporary economies considered are those of United States, Russia, China, Japan and selected economies from Eastern and Western Europe. Emphasis is on reform/transition efforts in these economies.

Prereq: ECON 202 or ECON 211

**230-360 GROWTH AND DEVELOPMENT IN THE WORLD ECONOMY 3 cr**

The historical growth experience of industrialized economies; the challenge of development in Asia, Africa and Latin America; problems of transition in formerly centrally planned economies. Economic growth and structural change; income distribution and poverty; population growth and human resources; international trade, foreign investment and development assistance.

Prereq: ECON 202 or ECON 211

**230-401 INTERNATIONAL ECONOMICS 3 cr**

The nature, extent and growth of international trade. Comparative advantage as the basis for trade. Distribution of the gains from trade between and within countries. International capital and labor mobility. Growth, technological progress and trade. Tariffs, quotas, subsidies, economic integration. Exchange rates and the balance of

payments.

Prereq: ECON 201 or ECON 212

### **230-402 BUSINESS CYCLES 3 cr**

An historical overview and theoretical interpretations of U.S. business cycle experience. U.S. business cycles in a global context, business cycle theories and stabilization policy. Prereq: ECON 202 or ECON 211

### **230-404 HISTORY OF ECONOMIC THOUGHT 3 cr**

A study of the development of economic ideas, with emphasis on classical, neo-classical, socialist, Keynesian and institutional schools of thought.

Prereq: ECON 202 OR ECON 211.

### **230-406 INTERNATIONAL FINANCE AND BANKING 3 cr**

The monetary dimension of international economics. Balance of payments accounting; exchange rates, prices and interest rates; spot and forward foreign exchange; international financial markets and international banking; exchange rate systems and the role of central banks; open-economy macroeconomics; the international monetary system and current policy issues.

Prereq: ECON 202 or ECON 211

### **230-413 ADVANCED ECONOMIC ANALYSIS 3 cr**

A survey of fundamental micro and macro economic theory that can be presented as mathematical models. The course emphasizes the use of models in positive economic analysis of areas such as consumer behavior, production, financial markets; and their role in facilitating rigorous analysis and developing testable predictions.

Prereq: ECON 201 and MATH 243 or MATH 250 or MATH 253 or consent of instructor.

### **230-431 ECONOMICS OF GLOBALIZATION 3 cr**

The course treats the political economy of trade, foreign investment and multinational corporations; the economic and social consequences of globalization; governments, markets, and the instruments of international economic and industrial policy; the World Trade Organization and recent issues--environmental and labor standards; intellectual property; services trade; the developing nations.

Prereq: ECON 201 or ECON 212

### **230-437 MANAGERIAL ECONOMICS 3 cr**

The course uses the tools and techniques of economic analysis to solve managerial problems. The emphasis is on practical applications. Topics: optimization techniques; analysis and estimation of demand and costs of production; market structures and

pricing practice.

Prereq: ECON 201 or ECON 212 and ECON 245

**230-438/638 URBAN REGIONAL AND TRANSPORT ECONOMICS 3 cr**

The economics of location. Zoning and land use planning. Urban sprawl and the urban/rural periphery. Real estate economics. The urban crisis in the US. The role of the automobile and the highway system. Public policy and the urban environment.

Prereq: ECON 201 or ECON 212

**230-441/641 INDUSTRIAL ORGANIZATION AND COMPETITIVE STRATEGIES 3 cr**

Application of economic theory and analysis to case studies in American industry in terms of market structure, market conduct, and industry performance. Analysis of the ways business firms and markets are organized and interact, assessment of the outcomes of various types of firm behavior and the performance of markets, and evaluation of the causes and types of market failures.

Prereq: ECON 201 or ECON 212

**230-445 ECONOMICS OF HEALTH CARE 3 cr**

Economics of Health Care is concerned with allocation of resources within the health care sector of the U.S. economy. Major topics include production of health care and its distribution across the population. In addition, various measures will be used to establish the relationship between the health care sector and national policy concerns.

Prereq: ECON 201 or ECON 212

**230-471 NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS 3 cr**

Markets and the efficient allocation of resources over time. Market failure - property rights, externalities, public goods. Valuation of environmental benefits and costs. Economics of renewable and non-renewable natural resources - land, water, fisheries, forests, energy, minerals. Pollution abatement and environmental protection. Global issues - population, climate change, tropical deforestation, the oceans and atmosphere as global "commons".

Prereq: ECON 201 or ECON 212

**230-490/690 WORKSHOP 1-3 cr**

Repeatable

**230-493 INTERNSHIP IN ECONOMICS 1-3 cr**

This is an opportunity for an economics student to gain practical experience in a business, bank, government, non-profit organization before graduation. The experience will supplement the students' academic work in preparation for a career.

Prereq: Economics major or minor, junior or senior standing, and consent of the department.

**230-494 SEMINAR IN ECONOMICS 1-3 cr**

Repeatable. Prereq: Sr st with at least 12 credit hours in economics or consent of instructor.

**230-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable for a maximum of 3 credits in the major or 6 credits in the degree.

**230-498 INDEPENDENT STUDY 1-3 cr**

Repeatable. Prereq: Junior or senior standing and consent of instructor and department chairperson.

## **DEPARTMENT OF FINANCE AND BUSINESS LAW**

*Phone:* 262-472-1316

*E-Mail:* financelaw@uwwvax.uww.edu

Faculty: John Aulerich, Ronald Crabb (Chairperson), Frances Hill, John Howat , Michael Laird, Hamid Moini, James Molloy, Howard Olson, David Porter, Donald Sorensen, Janet Thatcher, John Thatcher.

The Department of Finance and Business Law offers a variety of educational opportunities. Finance is concerned with raising money and profitably investing it. Study of the field falls into the following major categories: corporation finance, investments, financial markets, real estate, insurance and financial planning. Business Law is concerned with preparing students to meet the challenges of all fields of modern business in the legal area or for advanced study at a law school.

### **MAJOR/EMPHASES**

#### **FINANCE (BBA)**

#### **MAJOR - 24 CREDITS**

1. 1. FNLW 240-345, 240-360, 240-444 AND 240-456 >
2. 2. SELECT 12 ELECTIVE CRED FROM COURSES ACTG 210-341, 210-343, 210-451, 210-452, 210-456, ECON 230-301, 230-302, 230-345, 230-354, 230-356, 230-402, 230-406, FNLW 240-342, 240-348, 240-401, 240-410, 240-420, 240-

430, 240-442, 240-446, 240-457, 240-458, 240-460, 240-464, 240-493, AND  
MGNT 250-471

A MAXIMUM OF TWO COURSES FROM EACH SET BELOW CAN BE USED IN THE  
MAJOR

SET 1: ACTG 210-341, 210-343 AND 210-451, 210-452, AND 210-456

SET 2: ECON 230-301, 230-302, 230-345, 230-354, 230-356, 230-402, AND  
230-406

MAJOR - UNIQUE REQUIREMENT:

1. MATH 760-243 OR 760-250 OR 760-253

**FINANCE: INSURANCE EMPHASIS (BBA)**

MAJOR - 24 CREDITS

1. FNLW 240-345, 240-360, 240-444 AND 240-456
2. FNLW 240-446, 240-464 AND 240-460
3. ECON 230-345 OR FNLW 240-442

MAJOR - UNIQUE REQUIREMENT:

1. MATH 760-243 OR 760-250 OR 760-253

**FINANCE: REAL ESTATE EMPHASIS (BBA) MAJOR - 24 CREDITS**

1. FNLW 240-345, 240-360, 240-444 AND 240-456
2. FNLW 240-348, 240-457 AND 240-458
3. FNLW 240-442 OR ACTG 210-451

MAJOR - UNIQUE REQUIREMENT:

1. MATH 760-243 OR 760-250 OR 760-253

**FINANCIAL PLANNING EMPHASIS (BBA)**

MAJOR - 24 CREDITS

1. FNLW 240-345, 240-360, 240-444 AND 240-456

2. ACTG 210-451, FNLW 240-401 AND 240-446
3. FNLW 240-442 OR 240-464

**MAJOR - UNIQUE REQUIREMENT:**

1. MATH 760-243 OR 760-250 OR 760-253

## **240 COURSE DESCRIPTIONS**

### **240-341 BUSINESS AND COMMERCIAL LAW 3 cr**

A beginning business-oriented approach to the law for business students, secondary teachers who intend to teach business law and pre-law students. The course includes a brief history of the United States system, torts, contracts and governmental regulations of business with a focus on antitrust law.

Prereq: Admission to upper division or jr st.

### **240-342/542 ADVANCED BUSINESS AND COMMERCIAL LAW 3 cr**

An advanced study of the law for business or pre-law student, including the effect of the Uniform Commercial Code on commercial paper, checks and documents of title, secured transactions and sales of goods. The course also includes a study of the laws of property, corporations and creditors' rights.

Prereq: 240-341.

### **240-344 BUSINESS FINANCE 3 cr**

Problems of financing long-run funds requirements of the business enterprise to include reserve and dividend policies, promotion, expansion, combination of business, planning, planning of capital structure, legal forms of business enterprise.

Prereq: 210-249 or 210-341 or 210-342.

### **240-345 INVESTMENTS 3 cr**

A study of the various types of investments available, the markets in which they are traded, the techniques used to make sound investment decisions, and the factors which affect those decisions for various types of investors.

Prereq: 240-344.

### **240-348 REAL ESTATE 3 cr**

Designed to integrate the theory and practice of real estate operations through a discussion of the following areas: Urban structure and urban growth, the urban

economy, appraisal analysis, property development and real estate investments analysis.

**240-360 FINANCIAL INSTITUTIONS 3 cr**

Survey of institutional arrangements through which funds are accumulated and made available to consumers, farmers, business and government. An understanding of the behavior of the non-monetary as well as the money and capital markets is developed. Prereq: 240-344.

**240-370 SMALL BUSINESS FINANCE 3 cr**

A detailed study of the financial management problems confronting small business. This course includes topics such as development of financial plans and controls, financing a business, and working capital management. Prereq: 240-344.

**240-401 FINANCIAL PLANNING 3 cr**

This course serves as an introduction to the occupational area of Financial Planning and surveys the following topics: determining financial objectives, formulating investment objectives, tax planning, insurance planning, and retirement and estate planning. Prereq: A Finance Major with 240-341 and 240-345

**240-410 MULTINATIONAL BUSINESS FINANCE 3 cr**

Application of financial theory to multinational firms. The course includes an investigation of: determinants of international portfolio and direct investment, management of foreign exchange positions, a survey of the international financial environment, multinational credit institutions and markets and taxation. Prereq: 240-344.

**240-420 BANK ADMINISTRATION 3 cr**

Commercial banking, principles and practices, comprehensively treated with emphasis on operations and administration, bank services, credit analysis, loan and investment policies, profit planning and control. This course cannot be used to satisfy the MBA degree requirement. Prereq: 240-344 and 240-360.

**240-430 FINANCIAL FUTURES AND OPTIONS 3 cr**

A study of financial futures and options. Course topics will include: characteristics of futures and options contracts, how the markets function, the ways in which the instruments are used and why, option valuation models, the cash-futures basis, and regulation. Prereq: 240-345.

**240-442 ESTATES AND TRUSTS 3 cr**

A study of the law relating to real and personal property, wills, estates, trusts and the responsibility of fiduciaries in handling other people's assets.

Prereq: 240-341

**240-443 LABOR LAW 3 cr**

A legalistic introduction to labor law through a study of cases and related statutes of those general principles important to both workers and management. The study of these materials will aid management and labor in understanding the position of the law in determining and providing a solution to labor law problems.

Prereq: 240-341.

**240-444 CORPORATE FINANCIAL MANAGEMENT DECISIONS 3 cr**

An advanced study of the requirements for and sources of funds in the business organizations. The course deals with both long and short-term aspects of finance with emphasis placed on analysis and decision making.

Prereq: 240-345; Restricted to Students with Class: Senior; Restricted to Students with Major: Finance or Finance w/ Financial Planning Emphasis or Finance w/Insurance Emphasis or Finance w/Real Estate Emphasis; or consent of Department Chair.

**240-446 INSURANCE 3 cr**

Principles of risk and insurance and their applications to business management and personal affairs. Analysis of concepts and methods of handling risks; insurance carriers and contracts; survey of policies for fire insurance, business interruption, liability, automobile, life and health.

**240-455 ADMINISTRATIVE LAW AND GOVERNMENT 3 cr**

A study of the administrative process as it relates to current concerns of society members who are affected by government regulation. Specifically the legal problems involved are delegation problems, investigative rule making and procedural problems that a business encounters in dealing with an administrative agency.

Prereq: 240-341.

**240-456 SECURITY ANALYSIS 3 cr**

A detailed examination of the various classes of securities available for investors, and the development of techniques used to reach dependable conclusions as to the safety and attractiveness of a given security at the current market price or at some assumed price.

Prereq: 240-345; Restricted to Student with Class: Senior; Restricted to Students with Major: Finance or Finance w/Financial Planning Emphasis or Finance w/Insurance Emphasis or Finance w/Real Estate Emphasis; or consent of Department Chair.



**240-457 REAL ESTATE DEVELOPMENT 3 cr**

A course covering all phases of the site selection, development, marketing, and business organization. The course deals with both long and short-term leasing, financing, appraising, development of industrial parks, rehabilitation, investment in, management of, zoning and tax factors of industrial and corporate real estate.

Prereq: 240-348; may be waived for graduate students. Graduate students should confer with the instructor in advance.

**240-458 REAL ESTATE INVESTMENTS 3 cr**

Examination of investment principles and tax considerations as they apply to real estate, specifically apartment houses, shopping centers, office buildings, urban development and vacant land.

Prereq: 240-348

**240-460 ADVANCED PROPERTY AND CASUALTY INSURANCE 3 cr**

Consideration of advanced topics in property and casualty insurance. Among items covered are direct and indirect property coverages, inland marine insurance, liability coverage including its legal foundations, workmen's compensation, the general liability contract, crime coverages, surety and fidelity bonding and insurance regulation. Prereq: Concurrent enrollment in 240-446 or consent of instructor

**240-464 ADVANCED LIFE AND HEALTH INSURANCE AND PENSIONS 3 cr**

Consideration of advanced topics in life and health insurance. Among topics covered are principles underlying life insurance, individual life insurance contracts, business uses of life insurance, fixed and variable annuities, individual health coverages, group insurance principles and uses and pensions.

Prereq: Concurrent enrollment in 240-446 or consent of instructor

**240-484 APPLIED INVESTMENTS 3 cr**

Students will gain hands-on experience by managing a real portfolio of securities.

After developing a group investment philosophy, they will analyze the current holdings, investigate other alternatives, and make buy and sell decisions as a group. Presentations of the students' research will be made to an advisory board made up of faculty and investment professionals.

Coreq: 240-456 and consent of department chair.

**240-490/690 WORKSHOP 1-3 cr**

Repeatable. Prereq: Consent of instructor.

**240-493 INTERNSHIP IN FINANCE 1-3 cr**

This is an opportunity for a finance student to gain practical experience in a business

before graduation. The experience will supplement the students' academic work in preparation for a career in business. Repeatable for a maximum of 3 credits in the major.

Prereq: Finance major or minor, junior or senior standing, and consent of the department.

**240-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable for a maximum of 3 credits in the major or 6 credits in the degree.

**240-498 INDEPENDENT STUDY 1-3 cr**

Repeatable.

## **DEPARTMENT OF MANAGEMENT**

*Phone:* 262-472-3964

*E-Mail:* [management@uwwvax.uww.edu](mailto:management@uwwvax.uww.edu)

Faculty: Peggy Anderson, Tom Bramorski, James Bronson, Christine Clements (Chairperson), William Drago, Yezdi Godiwalla, Jerry Gosen, P. Daniel Hancock, Stephen Havlovic, Anil Kumar, Robert Leitheiser, Manohar Madan, David Munro, Sameer Prasad, Marcia Pulich, George Sargent, James Sisak, Atlee Svanoe, Richard Wagner, John Washbush, Jon Werner.

Management is the art and science of effectively utilizing human and physical resources to attain the objectives of the organization. The programs of study include: general, human resources (a separate major), production/operations (a separate major). General Management allows students flexibility in selecting courses to prepare for a position in a wide variety of areas. Human Resources Management (HR M Major) educates students for careers in salary administration, manpower planning and development, employee services, labor relations and organizational development. Production/Operations Management (P/OM Major) prepares the students for careers in production and inventory control, scheduling, quantitative methods, quality control, purchasing, and supervision; emphasis is placed on the production of both goods and services in the private and public sectors. Safety Management prepares the student for positions in industrial safety leading to management positions in safety, personnel, and production.

### **MAJORS/EMPHASIS**

#### **GENERAL MANAGEMENT (BBA)**

## MAJOR - 24 CREDITS

1. MGNT 250-369 AND 250-419
2. SELECT 9 CRED FROM COURSES AS FOLLOWS:
  - a. ADVANCED QUANTITATIVE ANALYSIS (3 CRED):

MGNT 250-471 OR 250-480 OR ECON 230-345 OR 3- CREDIT (300 LEVEL OR ABOVE) QUANTATIVE COURSE AS APPROVED BY THE ADVISOR (A STUDENT WHO HAS COMPLETED A CALCULUS COURSE MAY SUBSTITUTE A GENERAL MANAGEMENT ELECTIVE).

b. GENERAL MANAGEMENT ELECTIVES (6 CRED): MGNT 250-310, 250-385 OR 250-387, 250-410, 250-486, 250-488, 250-493, 250-496 AND 250-498 (INTERNSHIPS STRONGLY ENCOURAGED).

NOTE: STUDENTS MAY TAKE 250-385 OR 250-387 UNDER THIS SECTION, BUT NOT BOTH.

3. IDENTIFY THROUGH A WRITTEN PROPOSAL AT LEAST 9 CREDITS AT 300 OR 400 LEVEL IN CONSULTATION WITH A GENERAL MANAGEMENT ADVISER. THE COURSES MUST CONSTITUTE A LOGICAL AND COHERENT PROGRAM WITHIN THE GENERAL MANAGEMENT CONTEXT.
4. COMPLETE AN INTERNATIONAL MANAGEMENT COURSE AS A GENERAL MANAGEMENT ELECTIVE (SECOND REQUIREMENT ABOVE, 250-410) OR AN INTERNATIONAL COURSE AS PART OF THE FOCUS COMPONENT (THIRD REQUIREMENT ABOVE) AS APPROVED BY THE ADVISOR.

## **HUMAN RESOURCE MANAGEMENT (BBA)**

### MAJOR - 24 CREDITS

1. MGNT 250-320
2. SELECT 21 CRED FROM COURSES MGNT 250-425, 250-426, 250-428, 250-429, 250-430, 250-478, 250-493, 250-496, 250-498, FNLW 240-443 AND SFTY 462-380

## **OPERATIONS MANAGEMENT (BBA)**

MAJOR - 24 CREDITS

1. MGNT 250-445, 250-450, 250-455, 250-465 AND 250-471
2. SELECT 9 CRED FROM COURSES MGNT 250-456, 250-460, 250-466, 250-480, 250-486, 250-493, MKTG 260-436, ECON 230-438

**POM: E-OPERATIONS EMPHASIS (BBA)**

MAJOR - 24 UNITS

1. MANGEMNT 445, MANGEMNT 450, MANGEMNT 455, MANGEMNT 465 AND MANGEMNT 471
2. SELECT 3 COURSES FROM:  
MANGEMNT 456, MANGEMNT 460, MANGEMNT 480, COMPSCI 210,  
OR COMPSCI 220

**PRODUCTION OPERATIONS MANAGEMENT: SERVICE MANAGEMENT EMPHASIS (BBA)**

MAJOR - 24 CREDITS

1. MGNT 250-445, 250-450, 250-455, 250-465 AND 250-471
2. SELECT 9 CRED FROM COURSES: MGNT 250-456, 250-466, 250-480, 250-486, 250-493

**PRODUCTION OPERATIONS MANAGEMENT: SUPPLY CHAIN MANAGEMENT EMPHASIS (BBA)**

MAJOR - 24 CREDITS

1. MGNT 250-445, 250-450, 250-455, 250-465 AND 250-471
2. SELECT 9 CREDITS FROM COURSES: MGNT 250-456, 250-460, 250-493, MKTG 260-460, ECON 230-438

**PROGRAM OF PUBLIC POLICY AND ADMINISTRATION**

The University offers an opportunity for students to earn a Bachelor of Science degree with a major in Public Policy and Administration. The major is designed to prepare students for careers in local, state, or national governments, and in businesses and other organizations in the private sector which work closely with government. The major is sponsored jointly by the Political Science Department in the College of Letters and Sciences and the Management Department in the College of Business and Economics. The courses in the major are offered by these two departments and by several other departments in the two Colleges, providing broad interdisciplinary preparation for the student.

## **MAJOR**

### **PUBLIC POLICY AND ADMINISTRATION (BS)**

#### **MAJOR - 60 CREDITS**

1. ACTG 210-244, ECON 230-212, MGNT 250-211, PSYC 840-211
2. MATH 760-231 OR PSYC 840-215
3. MGNT 250-301, 250-480, PSCI 820-344, 820-320 AND 820-330
4. PSCI 820-489
5. SELECT 3 - 12 CRED FROM COURSE PSCI 820-493 IN CONSULTATION WITH ADVISER. A 2.25 COMBINED UW-W & TRANSFER GPA IS REQUIRED TO TAKE THE COURSE.
6. IN CONSULTATION WITH ADVISER SELECT 0-9 CREDITS OF ELECTIVES IN LIBERAL ARTS OR BUSINESS COURSES
7. IN CONSULTATION WITH AN ADVISER SELECT A 15 CREDIT CONCENTRATION FROM PUBLIC POLICY, GENERAL MANAGEMENT, PERSONNEL, POLICE AND CRIMINAL JUSTICE ADMINISTRATION, PLANNING AND BUDGET ADMINISTRATION, URBAN AFFAIRS, AND LEGAL AFFAIRS; OR AN INDIVIDUALIZED PLAN.

#### **WRITING REQUIREMENT - 3 CREDITS**

1. SELECT 1 COURSE FROM B ED 220-353, ENGL 680-370, 680-372, PSCI 820-300 RLS

\*General Education Recommendations: 820-141 American Government and Politics, 230-211 Economic Principles, 760-143 Finite Math for Business and Social Sciences or 760-152 Elementary Functions. A combined UW-W and

transfer GPA of 2.25 or higher and a GPA of 2.00 in the major are required to take PSCI 820-493 and to graduate. No more than 3 Economics and 10 Business courses may be taken. Courses applied toward General Studies cannot be used for major or liberal arts requirements. A minor is not required.

## **250 COURSE DESCRIPTIONS**

Field trips may be required for any of the courses.

### **250-211 INTRODUCTION TO INFORMATION SYSTEMS 3 cr**

An introductory course intended to provide a basic knowledge of information systems and computers. Includes the study of information system concepts, the use of information systems for management decision-making, the impact of information systems on management, user application development, hands-on experience, elementary programming, and productivity packages.

Prereq: 760-140 or 760-141.

### **250-301 ORGANIZATIONAL BEHAVIOR 3 cr**

A study of the intraorganizational behavior and attitudes of people in an organizational setting; the organization's effect on perceptions, feelings, and actions; and the consequences of behavior on the organization, particularly how it affects the achievement of the organization's purposes.

### **250-306 OPERATIONS MANAGEMENT 3 cr**

The study of contemporary theory, methods and procedures used to manage the production/operations (P/OM) function in service and manufacturing organizations. Included is a thorough overview of the qualitative and quantitative methods used by managers in making the decisions needed to effectively and efficiently transform resource inputs into goods and services.

Prereq: 760-143, and (760-231 or 230-245), or equiv.

### **250-310 ORGANIZATION AND MANAGEMENT 3 cr**

A study of the theory and art of management from a decision-making perspective within the context of formal organization. Traces the development of management thought and practice since the Industrial Revolution, including the managerial functions of planning, organizing and controlling. Includes a discussion of managerially relevant behavioral topics including motivation, group process, leadership and communication. Recommended for students who aspire to managerial careers, both majors and non-majors.

**250-320 HUMAN RESOURCE MANAGEMENT 3 cr**

A study of employee relations from the standpoint of the business firm, including recruitment, selection, placement, training, promotion, discipline, compensation, records, and employee services.

Unreq: 820-421.

**250-369 LEADERSHIP IN MANAGEMENT 3 cr**

A theoretical and experiential investigation of leadership theory and practice. Discussion includes relevant aspects of personality and motivation theory as they affect interpersonal processes of influence. Substantial time is devoted to self-assessment and development of personal leadership style and skills.

Prereq: 250-301 or consent of instructor.

**250-377 INFORMATION SYSTEMS MANAGEMENT 3 cr**

To prepare the student for performance as a director of an information systems installation including organization and policies, planning and scheduling, operating controls, equipment utilization, budgeting and costing practices, and performance analysis.

Prereq: 250-376 or 250-480 or 765-271 or 950-220.

**250-385 MANAGING THE SMALL BUSINESS 3 cr**

A study of managerial issues and practices applicable to the small business. Provides greater understanding of the problems and challenges faced by small business managers and develops guidelines for improving management effectiveness.

Prereq: 210-244.

**250-387 ENTREPRENEURSHIP 3 cr**

This course concentrates on how new businesses are started and includes new business start-ups, buyouts and franchising. Objectives are understanding entrepreneurs, and seeking and evaluating opportunities for new ventures. This course assesses the development of ideas that might become business opportunities and examines the merit of those ideas in the marketplace. The writing of business plans and the acquisition of resources to turn opportunities into businesses are also examined.

**250-410 INTERNATIONAL MANAGEMENT 3 cr**

A study of the concepts, problems, processes and practice of International Management, focused on the Multi-National Corporation (MNC). Management in multi-environments, MNC corporate plans, objectives, strategies, viable organizational structures, MNC social/cultural/ethical issues, and coordinating globally spread out MNC units are emphasized.

Prereq: 250-301 or equivalent.

**250-419 ORGANIZATIONAL THEORY AND EFFECTIVENESS 3 cr**

An analysis of organization theory. A study of classical and modern organization theory. Relationships among theory, design and behavior variables and organizational effectiveness are examined.

Prereq: 250-301.

**250-425 COMPENSATION MANAGEMENT 3 cr**

A detailed study of job analysis, methods of job evaluation, performance appraisal, community wage survey, basic systems and plans of compensating employees, and fringe benefits.

Prereq: 250-320 (or 820-421 for PPA majors).

**250-426 RECRUITMENT AND SELECTION 3 cr**

A study of the theory and application of methods used in recruiting and selecting employees. This course will include: the legal issues in employment, research in the employment process, the development and use of selection devices, and recruiting applicants for job openings.

Prereq: 250-320 (or 820-421 for PPA majors).

**250-428 TRAINING AND DEVELOPMENT 3 cr**

The course will emphasize theory of training and development, research to determine needs, types of programs, practicum in conducting a training and development session, and evaluation of programs.

Prereq: 250-320 or 820-421, or senior standing

**250-429 EMPLOYEE BENEFITS 3 cr**

Principles and techniques in the Administration of Employee Benefit Programs. The course will include: Planning, implementation, design and evaluation of major employee benefits, such as medical, disability, pension, profit-sharing, government mandated programs and quality of work life plans.

Prereq: 250-320 or 820-421.

**250-430 LABOR-MANAGEMENT RELATIONS 3 cr**

Study of the relationships between management and organized groups of employees, including labor unions and professional associations. Analysis and evaluation of collective bargaining processes and strategies, current bargaining issues, legal regulations of bargaining, negotiations and administration of collective agreements, factors contributing to conflict and methods of settlement.

**250-445 QUALITY MANAGEMENT 3 cr**

A comprehensive study of contemporary perspectives on Total Quality (TQ) theory and practice applied to operations systems. Includes a thorough discussion of



statistical and quality methods including process control, acceptance sampling, and variance reduction. Explores Quality Function Deployment and the customer-focused implications of quality.

Prereq: 250-306.

### **250-450 OPERATIONS PLANNING 3 cr**

Study in depth of the planning processes performed in the operations setting integrating the topics of systems modeling, forecasting, production planning, capacity planning, capacity requirements planning, master scheduling, and material requirements planning. Emphasis is on concepts and their application.

Prereq: 250-306.

### **250-455 INTEGRATION OF OPERATIONS 3 cr**

Examination in depth of daily operational decision making pertaining to management of operational systems and inventory, inventory models and systems, inventory control, distribution planning and control, scheduling techniques, production authorization, lead time management, supplier interfaces, data requirements and measurement systems. Emphasis is on the interrelationships of these techniques and their applications.

Prereq: 250-306.

### **250-456 FUNDAMENTALS OF SUPPLY CHAIN MANAGEMENT 3 cr**

The course uses a supply chain management framework to study flow of material through manufacturing enterprises. Topics include process selection, facility layouts, group technology, storage and retrieval systems, theory of constraints, just-in-time systems, manufacturing resource planning, supplier management and information technology in managing manufacturing systems.

Prereq: 250-306.

### **250-460 COMPUTER INTEGRATED MANUFACTURING 3 cr**

Examines the role of Computer Integrated Manufacturing in Production Systems. Topics may include Group Technology (GT), Flexible Manufacturing Systems (FMS), Automation in Manufacturing, Manufacturing Resource Planning (MRP II), Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM). Additional current topics may be included.

Prereq: 250-306.

### **250-465 OPERATIONS STRATEGY 3 cr**

A study of the integration of operations planning, management, and control to create effective operations strategy within a global perspective. Includes a thorough examination of capacity and supply chain management. Also examines the theory of

constraints as used to develop strategic competitive advantage.  
Coreq: 250-450 or 250-455 or 250-456.

**250-466 MANAGEMENT OF SERVICE OPERATIONS 3 cr**

An overview course which applies production techniques and concepts to service organizations through the case study method. Problems of producing services will be compared and contrasted to manufacturing. Special demands for organization and control will be reviewed, as well as the identification of elements of success.

Prereq: 250-306.

**250-471 MANAGEMENT DECISION ANALYSIS 3 cr**

Theory and application of quantitative analytic methods used in operations decision situations. Topics include model building, decision theory, deterministic and probabilistic problems, linear programming, PERT/CPM and simulation.

Prereq: 230-245, or equiv.

**250-478 SEMINAR IN HUMAN RESOURCES 3 cr**

A capstone course required of students in Personnel/Human Resources Management. The course will integrate HR subject matter areas through empirical research. Students will utilize their academic preparation, analytical skills, and communication skills to develop a proposal and prepare a research report.

Prereq: 250-320 (or 820-421 for Public Policy majors), Human Resource major or minor, and senior standing.

**250-480 MANAGEMENT INFORMATION SYSTEMS 3 cr**

Study of the "total systems" concept. Understanding of an integrated information system, employing a computer and data processing equipment for use by management for planning and control purposes. Analysis of actual information systems used in industry and the government. This course may not be used to satisfy Management Computer Systems major requirements.

Prereq: 75 credits toward degree.

**250-484 SIMULATION MODELING 3 cr**

A course applicable to all majors that examines simulation as a decision making tool to improve management effectiveness. A broad understanding of simulation methodology is developed. Problem formulation, identification of variables, model design/implementation, and the analysis of simulation results are covered in some detail.

Prereq: (230-245 or 760-231) or equiv.

**250-485 SMALL BUSINESS CONSULTING 3 cr**

A course designed to provide students with hands-on business consulting with faculty

advisors as part of the Small Business Institute. Potential topic coverage is a wide range of business activities depending on client need.

Prereq: 260-311 or 240-344 and consent of SBI Coordinator.

### **250-486 SUPERVISORY MANAGEMENT 3 cr**

A study of the theories and techniques of general management, organizational behavior, and human relations involved in effective supervisory management. The supervisor's role and the supervisor-subordinate relationship will be analyzed. The skills required for successful supervision will be practiced through small group work, role play and other activities.

Prereq: 250-301 and 85 credits.

### **250-488 MANAGEMENT SEMINAR 3 cr**

Provides General Management majors and students completing the Professional Minor in Business Studies (Management General Emphasis) with the opportunity to examine a significant management topic in depth. Students may be asked to perform or assist in original research, develop a case analysis, or study topics of special importance to career goals. Offered occasionally. Repeatable.

Prereq: 250-369 and 250-419.

### **250-489 ADMINISTRATIVE POLICY 3 cr**

This course emphasizes management issues and practices from a top management perspective. Students learn theories and skills relevant to the strategic management of organizations, including the ability to assess the external and internal environments of the organization, strategy formulation and implementation.

Prereq: Sr st and completion of the other College of Business and Economics required core courses, (i.e. 220 353, 240 341, 240 344, 250-301, 250-306, 260 311) except Career Information.

### **250-491 TRAVEL STUDY 1-3 cr**

Repeatable for a maximum of 5 credits in major/degree.

### **250-493 COOPERATIVE/INTERNSHIP IN MANAGEMENT 2-3 cr**

This course is a constructed-supervised work experience within the major area of concentration of the student. The internship experience offers the student an opportunity to merge with actual day-to-day activity in business. No more than 5 credits will apply toward graduation. Repeatable for a maximum of 5 credits in major/degree.

Prereq: Junior standing and consent of department chairperson.

### **250-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree. Prereq: Consent of instructor.

## **250-498 INDEPENDENT STUDIES 1-3 cr**

Junior or senior standing and consent of instructor and department chairperson.  
Repeatable for a maximum of 3 credits in major/degree.

## **PROGRAM OF MANAGEMENT COMPUTER SYSTEMS**

*Phone:* 262-472-1467

*E-Mail:* mcs@uwwvax.uww.edu

Faculty: Robert Bryan, Athula Gunawardena, Robert Horton (Coordinator), Jonathan Kane, Anil Kumar, Robert Leitheiser, David Munro, George Sargent, Robert Siemann.

The Management Computer Systems (MCS) major is an interdisciplinary program combining faculty from the Management Department in the College of Business and Economics with their colleagues from the Department of Mathematics and Computer Science in the College of Letters and Sciences. The major offers a unique blend of computing and management skills designed to harness computer technology to the needs of a wide variety of business, industrial, financial, governmental and educational organizations. Graduates are trained in the areas of programming, systems analysis/design and network management/administration with a strong background in business. Typical entry level positions include programmer, programmer/analyst, network engineer, network management/administration and PC support. The field offers tremendous potential for rapid advancement. The MCS major can be taken in either the College of Business and Economics for a BBA degree or in the College of Letters and Sciences for a BS degree (listed in the College of Letters and Sciences).

### **MAJOR**

#### **MANAGEMENT COMPUTER SYSTEMS (BBA)**

#### **MAJOR - 27 CREDITS**

1. MCS 950 210, 950-220, 950-231, 950-232, 950-325, 950-331, 950-425 AND 950-431

(NOTE: CPSC 765-162 AND 765-171 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 950-210).

2. SELECT 3 CRED FROM COURSES:

MGNT 250-377, 250-471, 250-484, CPSC 765-271,

MATH 760-365, MCS 950-391, 765/950-475, 950-496 AND 950-498

UNIQUE REQUIREMENT

CALCULUS - 3-5 CREDITS

1. SELECT 1 COURSE

MATH 760-243, 760-250, 760-253

Transfer grades are included in determining eligibility for MCS courses.

## **MCS COURSE DESCRIPTIONS**

### **MCS 210 CONCEPTS OF DATABASE SYSTEMS 3 cr**

The study of database concepts, including data design and the management of data as a corporate resource. Students are to develop typical business applications with graphical user interfaces in a windows environment, using a relational database and fourth generation languages.

Prereq: MCS 171 and an overall g.p.a .of 2.50.

### **MCS 220 CONCEPTS OF PROGRAMMING 3 cr**

This course teaches students professional software development using object-oriented program design and the Java programming language. Coverage includes correct business programming style and documentation, program debugging and testing, database and file processing, event-handling, and graphical user interfaces.

Coreq: MCS 210. Prereq: COMPSCI 172 and an overall gpa of 2.50.

### **MCS 231 CONCEPTS OF DATA STRUCTURES 3 cr**

This course is an introduction to data structures, using the Java programming language. It covers static and dynamic implementation of data structures, including lists, stacks, queues and trees. It emphasizes object-oriented design and programming

methodology, including inheritance and polymorphism, and applies these in the development of large programming projects.

Prereq: MCS 210 and MCS 220 and an overall g.p.a. of 2.50.

### **MCS 232 CONCEPTS OF COBOL WITH FILE STRUCTURES 3 cr**

The COBOL language is taught and then used to study file organizations at both the logical and physical level in order to provide a firm foundation for the future study of database and information systems. Sequential, indexed, and relative files are discussed. Hashing and the implementation of complex file structures is discussed.

Students act as maintenance programmers updating and modifying existing programs.

Prereq: MCS 231 and an overall g.p.a. of 2.50.

### **MCS 325 CLIENT/SERVER - LOCAL AREA 3 cr**

This course is designed to give students familiarity with distributed computing in a local area environment. Students are to gain "hands-on" experience in simple network management. They also are to learn and use an event-driven, object-oriented programming language to exchange data with other applications in a local area networking environment.

Prereq: MCS 231 and an overall g.p.a. of 2.50.

### **MCS 331 SYSTEMS ANALYSIS AND DESIGN 1 3 cr**

In this course, the student learns to analyze the business organization as a system, to structure both the information and processes of a business or organization, and to complete the systems development process through the logical design phase. The course utilizes an object-oriented methodology for the systems development process. The student begins a team project that is completed in 950-431.

Coreq: MCS 325 and MCS 245 or MATH 231 or MATH 342. Prereq: MCS 231 and an overall g.p.a. of 2.50.

### **MCS 391 MCS COOPERATIVE PROGRAM 3 cr**

The student is to work as an information systems professional in a business or government organization and report on the experience to the MCS faculty and fellow students.

Prereq: Consent of MCS Cooperative Program Coordinator and an overall g.p.a. of 2.50.

### **MCS 425 WEB DEVELOPMENT 2                      3 cr**

This course teaches students how to develop Web applications using Java technologies. The course focuses on design and implementation of distributed applications for the Internet and/or intranets. Topics include object-oriented distributed systems and technologies, database access, security, advanced Java

programming, and technical design issues for e-Commerce systems.  
Prereq: MCS 325 and an overall gpa. of 2.50.

### **MCS 431 SYSTEMS ANALYSIS AND DESIGN 2 3 cr**

This course is a study of the principles and activities associated with the physical design and implementation of computer based information systems using object oriented methodologies. It includes object-oriented decomposition, system testing, documentation, system security, conversion and implementation. The student completes the team project started in 950-331.

Prereq: MCS 331 and an overall g.p.a. of 2.50.

### **MCS 475 NETWORK ENGINEERING 3 cr**

This class will explore the OSI (Open Systems Interconnection) networking model, standard networking protocols, and network architecture including implementation, administration and maintenance. Students will also gain "hands-on" networking experience by installing and setting up a network operating system, building a small LAN, and managing network servers.

Prereq: MCS 325 or consent of instructor and an overall g.p.a. of 2.50. Unreq: COMPSCI 475.

### **MCS 496 SPECIAL STUDIES 3 cr**

Repeatable for a maximum of 9 credits in major/degree.

Prereq: Consent of instructor.

### **MCS 498 INDEPENDENT STUDIES 1-3 cr**

Repeatable.

Prereq: Approval of the MCS Coordinator and the faculty member supervising the course. Completion of at least four MCS core courses and an overall g.p.a. of 2.50.

## **DEPARTMENT OF MARKETING**

*Phone:* 262-472-1333

*E-Mail:* marketing@uwwvax.uww.edu Faculty: Margaret Friedman, Arno Kleimenhagen, Marilyn Lavin, G. M. Naidu, Sharon Roy Newman, James Peltier (Chairperson), Mete Sirvanci, Lois Smith , George Tesar, Raja Velu , Edward Vitale, Ann Waller, Abe Weinrauch, John Westfall.

Marketing involves business activities so that production and the exchange of goods and services maximize consumer satisfactions and producer profits. Marketing studies

the behavior of people in their search for products and services to satisfy their needs and then develops and provides the consumer with need-satisfying opportunities consistent with the goals of society. Marketing functions include choosing customer groups, developing products, distributing them, creating advertising and promotions, and determining the proper price.

## **MAJOR**

### **MARKETING (BBA)**

#### **MAJOR - 24 CREDITS**

1. 1. MKTG 260-321
2. 2. MKTG 260-479
3. 3. SELECT 18 CRED FROM COURSES:

MKTG 260-337, 260-346, 260-349, 260-350, 260-351, 260-361, 260-400, 260-410, 260-412, 260-420, 260-429, 260-432, 260-436, 260-442, 260-444, 260-445, 260-494, 260-496 OR 260-498

Recommended Marketing electives for various major marketing career areas:

Industrial Marketing (Sales): 349, 350, 400, 410, 412, 429, 436, 442.

Retailing: 337, 350, 400, 410, 420, 429, 442, 339, 432.

Advertising: 337, 350, 400, 410, 412, 420, 429, 444.

Consumer Marketing (Sales): 349, 350, 400, 410, 420, 429, 442, 337, 361, 432, 444.

Market Research: 337, 349, 350, 361, 400, 410, 412, 420, 429, 442.

International Marketing: 337, 346, 349, 350, 361, 400, 410, 412, 429, 442.

Purchasing: 349, 361, 400, 410, 412, 420, 429, 436, 442.

## **260 COURSE DESCRIPTIONS**



**260-311 PRINCIPLES OF MARKETING 3 cr**

A study of the activities involved in the distribution of goods and services in a system-analysis framework. Examines consumer buying behavior and marketing functions within the firm. Investigates constraints imposed on decision makers and evaluates the performance of marketing in terms of social and economic efficiency.

**260-321 MARKETING RESEARCH 3 cr**

Methods of planning and carrying out marketing and consumer research studies. Problem formulation, exploratory research, questionnaire construction and design, observational and sampling techniques, conducting surveys, data analysis, reporting, interpretation of findings and implementation of recommendations.

Prereq: 260-311 and 230-245.

**260-337 RETAIL MANAGEMENT 3 cr**

Economic importance and development of retailing institutions

Prereq: 260-311.

**260-346 STUDENT EXCHANGE IN 3INTERNATIONAL PROGRAMS -12 cr**

The course is intended for UW-Whitewater students who are enrolled in a higher education program outside the United States. When courses offered by international institutions do not have direct equivalents in current Marketing Department course offerings, students may enroll for up to 12 credits in this course. The chair of the Marketing Department will approve enrollment on a case by case basis.

Repeatable.

**260-350 PROMOTIONAL POLICIES AND STRATEGIES 3 cr**

Theory and concepts employed by organizations in presenting promotional messages through various communication media. Management strategy in promotion and the problems encountered will be emphasized.

Prereq: 260-311.

**260-351 INTERNET MARKETING 3 cr**

This class is designed to provide marketing majors and minors with basic knowledge of the Internet, so that they can understand why this technology has and will continue to exert such an important impact on marketing practice. It will also consider such topics as web demographics, the online business model, web enhancement of products and services, personalization, traffic and brand building, net exchanges, and online community. In addition, the class will explore the impact that the Internet is having on such traditional areas of marketing concern as research, new product development, segmentation, personal selling, pricing, and distribution.

Prereq: 260-311

**260-361/561 INTERNATIONAL MARKETING 3 cr**

The course provides a critical assessment of global market opportunities and of the tactics and strategies for marketing of goods and services across national boundaries. Covered in the course are global marketing environment, modes of market entry, and of managing marketing mix variables in a foreign setting.

Prereq: 260-311.

**260-400 PRODUCT POLICY AND STRATEGY 3 cr**

Analysis of marketing problems encountered in developing and introducing new products, managing existing products, and phasing out obsolete products. Emphasis is placed on the coordination of activities that lead to successful market management of products. Various marketing concepts and problems related to product development and introduction are surveyed and analyzed.

Prereq: 260-311

**260-412 BUSINESS TO BUSINESS MARKETING 3 cr**

An intensive examination of the industrial marketing sector. Emphasis is placed on understanding the unique dimensions of the industrial marketing environment and translating this understanding into effective integrated industrial marketing programs. Attention is given to producer, reseller and government markets.

Prereq: 260-311.

**260-420/620 CONSUMER BEHAVIOR 3 cr**

Survey of social science theories pertinent to information processing, human behavior, and social interaction. Emphasis is placed on using this information to develop marketing strategies.

Prereq: 260-311.

**MARKETNG 429 PERSONAL SELLING AND SALES  
MANAGEMENT****3 u**

A seminar in the art and science of selling. Examined and probed in depth will be the whys and hows of selling theories, principles, techniques, practices, and the basics of sales force management.

Prereq: MARKETNG 311 or for Speech Electronic Media Emphasis Majors only  
SPEECH 232.

**260-432 MARKETING IN SERVICE ORGANIZATIONS 3 cr**

A reconsideration of traditional marketing topics in the context of a variety of service organizations. Emphasis is placed on discussion of how product-oriented marketing activities need to be adjusted or even re-invented to accommodate "nonproducts."

Prereq: 260-311.

**260-436/636 PURCHASING AND MATERIALS MANAGEMENT 3 cr**

An integrated approach to the problems of inventory determination, purchasing, incoming traffic and industrial marketing from the viewpoint of the manager of materials. Cases studied.

Prereq: 260-311.

**260-442/642 LOGISTICS 3 cr**

Analysis of the problems encountered in the physical movement of goods from the end of production to the consumer. Surveyed in this course are various techniques and methods for analyzing spatial arrangements of markets, plant and warehouse location, inventory systems, selection of carrier alternatives and selection of physical movement channels.

Prereq: 260-311

**260-444 DIRECT MARKETING 3 cr**

Students are introduced to the scope of direct marketing including mail order, lead generation, circulation, loyalty programs, store traffic building, fundraising, pre-selling, post-selling and research. The course includes grounding in all major direct marketing media: direct mail, broadcast, print advertising, catalogs, co-ops, telemarketing, inserts and videos. The measurability and accountability of direct marketing and its relationship to the total marketing mix are stressed.

Prereq: 260-311

**260-445 DATABASE MARKETING 3 cr**

Advancing technology is enabling marketers to create individualized customer relationships in situations where previously such relationships were not possible. This course is designed to increase students' understanding of how technology, specifically the customer database, is used to design and implement marketing strategies. Special attention will be devoted to the studying the types of information needed in a customer database and how this information can be integrated into the marketing decision making process.

Prereq: 260-311

**260-479 MARKETING MANAGEMENT AND POLICIES 3 cr**

Organization and coordination of the total marketing program including sales, advertising, credit, marketing research, distribution policies, pricing, sales forecasting and demand analysis. Focus is on firm's ability to adjust to competitive trends and changing market conditions.

Prereq: 260-311 and 260-321 and senior standing.

**260-492 INTERNSHIP IN MARKETING 1-3 cr**

An opportunity for selected upper level students to gain work experience in some area

of marketing during a semester or summer. Course includes an appropriate written report on the work experience. Repeatable for a maximum of 6 credits. Offered on a satisfactory/no credit basis only.

Prereq: Jr or senior standing and consent of instructor (S/NC).

**260-494 MARKETING SEMINAR 3 cr**

Directed reading and research involving group or individual projects in the marketing field. Use of extensive bibliographical and case materials. Class discussion and participation. Concentration in special problem areas of marketing. Seminar papers.

Prereq: Senior standing and consent of department chairperson.

**260-496/696 SPECIAL STUDIES Repeatable 1-3 cr**

**260-498 INDEPENDENT STUDY IN MARKETING 1-3 cr**

Prereq: Senior standing and consent of department chairperson.

## **COLLEGE OF EDUCATION**

*Phone:* 262-472-1184

*E-Mail:* education@uwwvax.uww.edu

Jeffrey C. Barnett, Dean

Lawrence M. Kenney, Associate Dean

Ann Curry-Ruff, Assistant Dean

Tom Ganser, Director of the Office of Field Experiences

### **DEPARTMENT/PROGRAM CHAIRPERSONS**

Communicative Disorders

Patricia Casey

Counselor Education

David Van Doren

Curriculum and Instruction

Phillip Makurat

Educational Foundations

Anthony Truog

Health, Physical Education, Recreation & Coaching

James Molloy (Acting Chair)

Leadership, Military Science and Aerospace Studies

LTC Kenneth Black

LTC Dale Dodd

Safety Studies

Gregory Green

Special Education

Richard Lombard

## **HISTORY AND MISSION OF THE COLLEGE**

The preparation of teachers has been a major part of the mission of this University since its inception on April 21, 1868, as a normal school, and through its subsequent evolution as a teachers college, a state college and a comprehensive state university. For more than a century UW-Whitewater has offered programs leading to the licensure of teachers. The College of Education is committed to the principles of excellence in teacher education and leadership in maintaining and extending an effective system of schools for a free society. This commitment motivates the faculty to develop programs of teacher education designed to meet the wide and varied educational needs of society. In fulfilling its mission, the College of Education has emphasized quality and excellence and has dedicated itself to the study and analysis of educational trends, innovation, and leadership.

Students in the College of Education prepare for professional careers in teaching; safety; communicative disorders; leadership, military science and aerospace studies; and health, physical education, recreation, and coaching.

The Elementary Education program includes early childhood education and elementary/middle education. The Middle/Secondary Education program includes majors in art, biology, business education, distributive education, chemistry, economics, English, French, geography, German, history, journalism, mathematics, physics, political science, sociology, Spanish, theatre, and in the broadfield areas of art, business education, music education, physical education, science, and social studies.

Minors are offered in the areas of art, biology, chemistry, coaching, communicative disorders, economics, English, French, geography, German, health education, history, journalism, library science, mathematics, leadership, music, physical education, philosophy, physics, political science, psychology, recreation, sociology, Spanish, and in speech.

Communicative Disorders offer pre-graduate training for licensure in Speech-Language Pathology and Audiology.

Special Education programs for students interested in working with persons with special needs include cognitive disabilities, emotional/behavioral disorders, learning disabilities, and early childhood: exceptional educational needs.

Safety Education programs in occupational safety, traffic safety, and driver education are also available.

The Minority Teacher Prep Program (MTP) is a special initiative designed to assist ethnic minority students with majors in the College of Education. The goal of this program is to recruit and retain talented minority students interested in pursuing careers in teacher education. Providing a number of activities throughout the academic year, MTP strives to:

- enhance minority high school and college students awareness of career opportunities in the education profession.
- increase the involvement of enrolled students in activities leading to improved academic performance.
- provide opportunities for minority students to regularly meet and exchange ideas with successful minority educators.
- provide academic support in the form of tutoring and counseling for students with such needs.

## **DEPARTMENTAL ORGANIZATIONS AND ACTIVITIES**

### **HONORARY FRATERNITIES**

Alpha Beta Alpha is a national fraternity for students in library science. Any student taking courses in library science who has earned an overall C average in classwork is eligible to become a member.

Adviser: Anne Zarinnia.

Kappa Delta Pi is a national honorary education fraternity. It limits its membership to juniors and seniors in the College of Education who have demonstrated unusual scholastic proficiency and professional promise.

Adviser: Stephen Friedman.

Phi Kappa Phi is a national honor society for the recognition and encouragement of superior scholarship in all academic disciplines. Undergraduate students are eligible

for consideration who have senior status and are scholastically in the upper 10% (or less, if the chapter's constitution so provides) of their class; or who have reached the final period of their junior year and are scholastically in the upper 5% (or, again, less if the chapter's constitution so stipulates) of their class.

Adviser: John Kozlowicz.

## **STUDENT ORGANIZATIONS**

The Association for Young Childhood Education is the student branch of the Association for Childhood Education International. Membership is open to students enrolled in the kindergarten-primary and elementary education curriculums. The group's primary concern is the welfare and education of children.

Adviser: Mary Lou Rossini.

The Coaching, Health, Athletics, Recreation, and Physical Education (CHARPE) organization is open to all students enrolled in majors or minors in Health Physical Education, Recreation or Coaching. This club works to promote understanding of career opportunities and responsibilities, professional development outside of the classroom, and networking with professionals and peers. Guest speakers, attendance at professional meetings, and banquets are some of the various activities of this organization.

Advisor: Kathleen Happel and Wendy DeMore.

The Student Council for Exceptional Children is a pre-professional organization for students interested in expanding their knowledge about and experiences with individual with exceptionalities. Its primary purpose is to "present students with opportunities to improve educational professional standards and increase awareness of exceptional children and youth." Opportunities are available for volunteer experiences with various area service agencies/programs and residential facilities. Projects may include: visiting residential facilities, mentoring clients, planning seasonal parties for residents of community resident settings, provide respite care, and attending and participating in state and national professional organization conferences.

Adviser: Diane Ormsby.

The National Student Speech Language Hearing Association (NSSLHA) is the national organization for Master's candidates and undergraduate students interested in the study of normal and disordered human communication behavior. NSSLHA is the only official national student association recognized by the American Speech-language-Hearing Association. NSSLHA membership is presently about 13,000

students with chapters in more than 280 colleges and universities.

Adviser: Patricia Casey.

The Student Wisconsin Education Association is a student organization for improving the quality of education. The purpose of the organization is to guide students who plan to teach and to provide supplemental education programs. This organization is a student chapter of NEA.

Adviser: John Zbikowski.

ROTC Cadet Association is composed of students enrolled in the Army or Air Force ROTC program (Leadership, Military Science and Aerospace Studies) at Whitewater. The organization fosters military, social and other extracurricular activities within the ROTC student body.

Adviser: Sgt. Tim Bretl.

The Student Safety Organization represents both ASSE (American Society of Safety Engineers) and TWSO (The World Safety Organization). The purpose of the Association is to promote interest in and understanding of the role of safety in industry, government, schools, and wherever loss prevention is a concern. Representatives participate in departmental activities and decision-making and the Organization conducts a variety of programs for professional growth and development. The Organization not only serves its present membership, but seeks to maintain contact with graduates by inviting them to speak at Association meetings. Students interested in the Student Safety Association should contact the Safety Office in Room 6034, Winther Hall.

Adviser: Deborah Bowen, Craig Wucivic.

Students for an Accessible Society fosters an awareness of the needs of disabled students on campus, joins disabled and nondisabled people as an organization to meet these needs, and fosters an atmosphere of mutual understanding and cooperation between the two parties.

Adviser: Jackie Wenkman.

Tactics Club is sponsored by the Leadership, Military Science and Aerospace Studies (ROTC) to promote interest and excellence in military tactics through the application of theories of actual field situation.

Adviser: Sgt. Tim Bretl.

## **ACADEMIC INFORMATION**

### **PROFESSIONAL EDUCATION PROGRAMS LEADING TO TEACHER LICENSURE**



The University offers more than seventy different licensure programs including elementary/middle education, middle/secondary education, and special education. See the index for majors in secondary education (including broadfield majors), programs in elementary education, and programs in special education. Satisfactory completion of these programs entitle the graduate to be licensed to teach in Wisconsin public schools as well as in schools in most other states. The Wisconsin teacher's license is issued by the Wisconsin Department of Public Instruction only after receiving the endorsement of the Dean of the College of Education. During the semester before graduation, students should obtain a Wisconsin teaching license application form from the Winther Hall Information Desk in the College of Education. Those students desiring a license from other states can also obtain addresses and phone numbers at the Winther Hall Information Desk of education departments in other states to obtain information about appropriate application procedures.

### **PROFESSIONAL CAREER PROGRAMS NOT REQUIRING TEACHER LICENSURE**

The College of Education offers a program in occupational safety for students who intend to become industrial safety specialists (see Department of Safety Studies), in special education for students who want to work with adults who are developmentally disabled (see Department of Special Education), in Health, Physical Education, Recreation & Coaching for students who want to pursue careers in health, sport, fitness and racket clubs, corporate and community health promotion, park and recreation administration, or coaching (See Department of Health, Physical Education, Recreation & Coaching), and in communicative disorders for students who plan to pursue a masters degree in Speech-Language Pathology and Audiology and work in the public schools (see Department of Communicative Disorders).

### **LEADERSHIP, MILITARY SCIENCE AND AEROSPACE STUDIES DEPARTMENT**

The Department of Leadership, Military Science and Aerospace Studies offers three programs which may be pursued by any student desiring instruction, practical

experience, and credentials in leadership.

1. Leadership Minor. Provides the specialized knowledge and training required to be a successful supervisor, manager, or administrator in the student's chosen profession.
2. U.S. Army Commission. Completion of the commission program and a baccalaureate degree provides the opportunity for service to the Nation as a Second Lieutenant in either the US Army, National Guard, or Army Reserve.
3. U.S. Air Force Commission. Completion of the commission program and a baccalaureate degree provides the opportunity for service to the Nation as a Second Lieutenant in either the U.S. Air Force or Air Force Reserve.

## **ADMISSION TO PROFESSIONAL EDUCATION**

All students eligible to apply for admission into Professional Education will be admitted, by program, based on program space availability and her/his ranking based on three equally weighted criteria. One third of a student's rank will be based on a combination of grade point average and the Pre-Professional Skills Test (PPST) scores. A second third will be based on previous volunteer work and experiences with learners. The last third of a student's rank will be based on previous experience with diverse populations. Ties in the total score rankings will be broken based on credit hours earned.

Students will be admitted only during specifically designated times throughout the year and will be ranked with the pool of students applying during that particular period. Students who are not admitted may reapply during any subsequent admission period and will be reranked with the new pool of applicants.

All students are required to attend a Professional Education Orientation meeting, have a "C" or better or current enrollment in the three courses contained in the pre-professional term, have a "C" or better in a public speaking speech course, have a minimum appropriate grade point average of 2.75 on a minimum of 40 credits (for students without a bachelor's degree) or grade point average of 2.75 on all credits accepted (for students who hold a bachelor's degree), and pass all three portions of the PPST test to be considered for admission without an exception. Although a 2.75 grade point average is the minimum to be considered for admission, students with a grade point average of less than 2.75 may have difficulty achieving a rank that is sufficiently high for admission to many licensure programs. No more than 10% of all students

admitted to Professional Education in any admission period may be admitted as an exception. Students who hold a baccalaureate degree must have a 2.75 degree GPA and completion of speech with a "C" or better verified by the office of the Assistant Dean of the College of Education. Verification must be made by furnishing photocopies of degree transcripts.

In order to be eligible for admission to the Pre-Professional Term, students must have the following:

1. A 2.40 GPA on a minimum of 12 credits or hold a bachelor's degree.
2. Passing scores on a minimum of two parts of the PPST.

Students who hold a baccalaureate degree must have degree GPA and completion of speech with a "C" or better verified by the office of the Assistant Dean of the College of Education. Verification must be made by furnishing photocopies of degree transcripts. V Transfer students must meet eligibility requirements before applying for Professional Education. Cumulative grade point average for admission is based on all credits accepted at UW-Whitewater. General education for licensure courses are not monitored by the Academic Progress Report.

Students with a bachelor's degree seeking a first time license must meet the eligibility requirements before applying for Professional Education. Cumulative grade point average for admission is based on all credits received in a bachelor's and/or master's degree. It is the student's responsibility to furnish the Winther Hall Information Desk with photocopies of degree transcript(s). Transcript evaluation for general education licensure courses and professional education eligibility is available by request at the Winther Hall Information Desk. Students with a bachelor's degree should contact the appropriate program coordinator to develop an individual licensure plan.

Students admitted to the University with a declared major in education are not automatically guaranteed admission to professional education. Students must meet stated criteria and will be admitted on a space available basis.

Specific information on the process for admission into Professional Education is available at the Winther Hall Information Desk.

## **TEACHER LICENSURE REQUIREMENTS**

The College of Education requires all students seeking endorsement by the Dean of the College of Education for Wisconsin Department of Public Instruction licensure to complete the following licensure requirements:

**Pre-student Teaching Clinical Experience:**

Each student, under the supervision of professional school personnel, shall complete a prestudent teaching clinical program consisting of a minimum of 100 clock hours of experience working directly with children and youth within a school or other instructional setting. Each student will complete Observation and Participation (439-210 or 489-210) and Field Study (489-492 or 439-492.)

**Educational Foundations:**

420-243 Education in Pluralistic Society

**Reading and Language Arts:**

Course work appropriate to the licensure program in the teaching of reading and language arts. This requirement has been integrated into the curricula of all licensure programs.

**Measurement and Evaluation Course:**

Appropriate to the licensure program, 424-424 Measurement and Evaluation in Elementary Schools; 424-425 Measurement and Evaluation in the Secondary School; or 424-423 Measurement and Evaluation in Physical Education;

**Directed Teaching**

1. Experiences in schools. All students seeking initial endorsement for licensure by UW-Whitewater must earn credits from UW-Whitewater in conjunction with experiences in schools. Additional information about these experiences is available from the Office of Field Experiences or the appropriate department in the College of Education.
2. Pre-professional Term. A minimum of 50 hours in a school setting that serves a diverse population. Presently this experience takes place in Milwaukee, Wisconsin. The Office of Field Experiences provides transportation and students are assessed a transportation fee.
3. Professional Block. One or more experiences in schools. Students are assigned in schools located within the service area of the College of Education, generally within 50 miles of campus. Students are responsible for their own transportation during Professional Block experiences.

4. Directed Teaching ("student teaching"). All students seeking initial endorsement for licensure must complete a full day, full semester experience following the daily schedule and semester of the cooperating school (not the university term). Students apply for Directed Teaching during their junior year if they are scheduled for directed teaching during the first or second term of their senior year. Students who seek endorsement from UW-Whitewater must complete at least 14 credits of academic work at UW-Whitewater prior to Directed Teaching. Students are placed in schools located within the service area of the College of Education, generally within 50 miles of campus. Placements are made by the university on the basis of quality and other programmatic considerations. Students are responsible for their transportation and housing arrangements during Directed Teaching.

#### Environmental Education:

Students whose programs lead to Wisconsin licensure in elementary education, science, or social studies must fulfill the statutory requirement in environmental education. In addition to appropriate work in their methods classes, students must elect one of the following courses: 722-252 Human Environmental Problems; or 630-214 Ecology and Society.

#### Cooperatives:

Students whose programs lead to Wisconsin licensure in social studies must fulfill the statutory requirements in cooperatives by electing one of the following courses: 230-213 Economic Principles, Problems and Policies, or 230-324 Cooperatives.

#### Exceptional Education:

All persons who receive an initial Wisconsin elementary or secondary license must complete an exceptional education requirement. This requirement has been integrated into the curricula of all licensure programs. Students who successfully complete an elementary or secondary program at UW-Whitewater will have fulfilled this state requirement.

#### Human Relations Requirements:

All professional education programs leading to initial licensure require study and experiences in human relations. Specific information on the course and experience requirements is available in the Office of Field Experience, Winter 2038.

### **GENERAL EDUCATION FOR LICENSURE REQUIREMENTS:**

The State of Wisconsin through the Wisconsin Department of Public Instruction has implemented a set of teacher education program rules that are referred to as PI 4. The rules describe general education requirements that must be met by all teachers seeking their first teaching license, regardless of previous degrees.

To meet the general education requirements for teacher licensure students at UW-Whitewater must complete one third of the credits for a bachelor's degree or a minimum of 40 credits of course work in general education and the course requirements in each of the categories listed below. All courses taken to satisfy UW-Whitewater's general education requirements may be used to meet the General Education requirements for licensure.

Students completing the 50 credit general education requirements will also have met the following PI 4 General Education requirements: Composition and Literature, Oral Communication, Fine Arts, Western History or Contemporary Culture, and Non-Western History or Non-Contemporary Culture. The sections not covered by the core and proficiency requirements are National/State/Local Government, Biological Science, and Physical Science and must be met with additional course work.

The following PI-4 General Education-Licensure requirements including Wisconsin Model Academic Standards must be met by all licensure students:

1. Composition and Literature: 680-101 and 680-102 or equivalent/waiver RLS.
2. Oral Communication: 166-110 or equivalent/waiver RLS.
3. Mathematics: 760-141 or equivalent/waiver RLS.
4. Fine Arts: 900-110 World of Arts or equivalent RLS.
5. National, State, and Local Government: 820-141 or equivalent RLS.
6. Biological Science: any 3 to 5-credit UW biology course or equivalent RLS.
7. Physical Science: any 3 to 5-credit UWW astronomy, chemistry, geology, physics or 5-credit Physical Geography lab course or equivalent RLS.
8. Western History/Western Contemporary Culture: World of Ideas 900-390 or equivalent RLS.
9. Non-Western History/Non-Western Contemporary Culture: Global Perspectives 900-140 or equivalent RLS.
10. Electives: any general education courses which total the 40 credits RLS.

Specific information on the general education requirements and the approved list of courses are available at the Winther Hall Information Desk. A listing of all courses approved to satisfy General Education for Licensure requirements is listed in the Professional Education Handbook.

### Endorsement Requirements:

Upon completion of an approved professional education program and a bachelors degree, students will be eligible for endorsement for initial teacher licensure when they meet the following requirements:

1. Completion of an approved major, major and minor, or broadfield major.
2. Successful completion of a Directed Teaching experience at UW-Whitewater.
3. A licensure GPA of 2.75 (based on major, minor and professional education course work).
4. A passing score on a standardized examination in each licensure major and minor if required by the Wisconsin Department of Public Instruction. The examination will be administered by the Wisconsin Department of Public Instruction (DPI) and the passing score will be determined by the State Superintendent.

Exceptions to the GPA endorsement requirements for initial teacher licensure may be granted by the Assistant Dean in the College of Education. No more than 10% of all students completing licensure programs in each graduation period may be granted an exception.

## **COLLEGE DEGREE REQUIREMENTS**

### **BACHELOR OF SCIENCE IN EDUCATION (BSE)**

Students may earn a Bachelor of Science in Education from the College of Education. Successful completion of a minimum of one hundred twenty (120) credits in the following areas is required:

University Proficiency  
General Studies  
Diversity and Writing Proficiency  
College/Major (and minor if required)  
Core

1. Measurement and Evaluation: Appropriate to major; 424-422 Measurement and Evaluation in Occupational Safety, or 424-423 Measurement and Evaluation in Physical Education, or 424-424 Measurement and Evaluation in Elementary Education, or 424-425 Measurement and Evaluation in the Secondary School.

2. Observation and Participation: Appropriate to major: C&I 439-210 Observation and Participation or Special Education 489-210 Observation and Participation.

#### Major Requirements:

See the appropriate departmental pages for major, minor, and other departmental requirements.

#### Minor Requirements:

Special Education majors are not required to complete a minor. Students choosing to complete a minor should be aware that the minor will not be licensable unless all licensure requirements for that minor, including an additional student teaching experience are completed. This requirement is not listed on the Academic Progress Report.

Elementary PreK-6 majors are not required to complete a minor. Students choosing to complete a minor should be aware that the minor will not be licensable unless all licensure requirements for that minor, including any additional student teaching experience, is completed. This requirement is not listed on the Academic Progress Report.

Elementary/Middle (1-6) majors are required to complete a minor.

Elementary/Middle (1-9) majors are required to complete all the courses in an approved minor plus any additional licensure requirements for that minor. A special methods course in the minor may be required. This requirement is not listed on the Academic Progress Report.

Middle/Secondary Education majors are required to complete all the courses in an approved minor plus any additional licensure requirements for that minor. A special methods course in the minor may be required. This requirement is not listed on the Academic Progress Report.

Broadfield majors are not required to complete a minor. Students choosing to complete a minor should be aware that the minor will not be licensable unless all licensure requirements for that minor, including any additional student teaching experience, is completed. This requirement is not listed on the Academic Progress Report.

Foreign Language majors and/or minors must complete a foreign language immersion for each licensable area. Contact the Department of Curriculum & Instruction for more information on the immersion requirement.



Special Minors (requirements not listed on Academic Progress Report):

**Bilingual Education:**

Complete the approved minor and an additional student teaching or field study.

**Health Education:**

Complete the approved minor, health methods course, and additional student teaching (if required).

**Library Media:**

Complete the approved minor and two additional practicums.

**Foreign Language:**

Complete the approved minor, a methods course and a four-week immersion experience.

**Writing Competency:**

Students should contact the department office of their major for information concerning their writing requirement.

**Teacher Licensure Requirements:**

Required for students desiring to teach.

Students pursuing a BSE degree must achieve a minimum overall grade point average of 2.25, a minimum grade point average of 2.25 in the major and a minimum grade point average of 2.00 in the minor in order to graduate. A 2.75 combined licensure GPA including the major, minor and professional education sequence is required for a teaching license. Students pursuing a Safety Studies major must achieve a minimum overall gpa of 2.5 and a minimum gpa of 2.5 in the major.

## **DEPARTMENT OF COMMUNICATIVE DISORDERS**

*Phone:* 262-472-1301

*E-Mail:* [comdisrdr@uwwvax.uww.edu](mailto:comdisrdr@uwwvax.uww.edu)

Faculty: Scott Bradley, Patricia Casey, Roxanne DePaul, Giuliana Miolo, Lou Tomes and Mary Ward.

The major of communicative disorders prepares speech-language pathologists for graduate work in Speech-Language Pathology and Audiology. Speech-language

pathologists and audiologists are specialists in human communication, its normal development, and disorders. They are professionally prepared to identify communication disorders in educational, medical and related settings and to offer assistance to persons with speech, language and/or hearing disorders. Specifically, speech disorders may be characterized by difficulty in producing speech sounds (articulation), maintaining speech rhythm or fluency, and controlling voice production. Language disorders may be characterized by an inability to appropriately use speech sounds, words and their meanings, and/or grammatical patterns.

## **MAJORS**

### **COMMUNICATIVE DISORDERS (BA)**

#### **MAJOR & WRITING - 39 UNITS**

1. COMDIS 270, COMDIS 272 AND COMDIS 278
2. COMDIS 375 AND COMDIS 380
3. COMDIS 371, COMDIS 376 AND COMDIS 483
4. COMDIS 424, COMDIS 426 AND COMDIS 481
5. SELECT 6 UNITS FROM COURSE COMDIS 210 OR 3 UNITS FROM COMDIS 210 AND 3 UNITS FROM COMDIS 460 WITH PERMISSION OF DEPT.

#### **UNIQUE REQUIREMENT - 15 UNITS**

1. PSYCH 303 OR PSYCH 424 OR SPECED 466
2. ENGLISH 281 OR ENGLISH 274 OR ENGLISH 372 OR ENGLISH 381
3. SELECT 0 - 6 UNITS FROM HUMANITIES
4. SELECT 0 - 3 UNITS FROM ARTS COURSES
5. SELECT 3 UNITS FROM RACE & ETHNIC CULTURES

Students in this major are not required to take a minor.

### **COMMUNICATIVE DISORDERS (BS)**

#### **MAJOR & WRITING - 39 UNITS**

1. COMDIS 270, COMDIS 272 AND COMDIS 278
2. COMDIS 375 AND COMDIS 380
3. COMDIS 371, COMDIS 376 AND COMDIS 483
4. COMDIS 424, COMDIS 426 AND COMDIS 481
5. SELECT 6 UNITS FROM COURSE COMDIS 210 OR 3 UNITS FROM COMDIS 210 AND 3 UNITS FROM COMDIS 460 WITH PERMISSION OF DEPT.

**UNIQUE REQUIREMENT - 15 UNITS**

1. PSYCH 303 OR PSYCH 424
2. PSYCH345 or PSYCH 451
3. SELECT 3 - 6 UNITS FROM SCIENCE OR MATH 142 THRU 499
4. SELECT 3 UNITS FROM RACE & ETHNIC CULTURES
5. SELECT 0 - 6 UNITS FROM PSYCHOLOGY OR SOCIOLOGY

Students in this major are not required to take a minor.

**COMMUNICATIVE DISORDERS (BSE)**

**LICENSURE - 20 UNITS**

1. COMDIS 210 AND SPECED 205
2. EDFOUND 222 OR EDFOUND 478
3. EDFOUND 243 AND COMDIS 450
4. EDFOUND 424 OR EDFOUND 425
5. C&I READING 360 OR SECNDED 466

**MAJOR - 57 UNITS**

1. COMDIS 270, COMDIS 272 AND COMDIS 278
2. COMDIS 371, COMDIS 375, COMDIS 376, COMDIS 380, COMDIS 381 AND COMDIS 483
3. COMDIS 424, COMDIS 426, COMDIS 472, COMDIS 481 AND COMDIS 482
4. EDFOUND 482 OR MATH 230 OR PSYCH 215
5. EDFOUND 481 OR PSYCH 303 OR PSYCH 424
6. EDFOUND 212 OR PSYCH 345 OR PSYCH 451 OR SPECED 466
7. SELECT 6 UNITS FROM COURSE COMDIS 210 OR 3 UNITS

FROM COMDIS 210 AND 3 UNITS FROM COMDIS 460 WITH  
PERMISSION OF DEPT.

This major does not require a minor.

*Writing Proficiency Requirement:*

See chairperson for course(s) that satisfy this requirement.

*Additional Licensure Requirements:*

For state licensure and national certification a prospective speech-language pathologist must have completed a master's degree in communicative disorders with undergraduate training totaling at least 60 semester credit hours and at least 30 credits in courses taken for graduate credit.

## **MINOR**

### **COMMUNICATIVE DISORDERS**

#### **MINOR - 22 CREDITS**

1. DECLARATION OF THE MINOR AND SELECTION OF THE 22 REQUIRED CREDITS MUST BE DONE IN CONSULTATION WITH AN ADVISOR FROM COMMUNICATIVE DISORDERS

## **510 COURSE DESCRIPTIONS**

### **510-210 OBSERVATION & PARTICIPATION IN COMMUNICATIVE DISORDERS 1-3cr**

Offered on a satisfactory/no credit basis only. This course offers supervised observation and participation with preschoolers and individuals with communicative disorders on-campus and/or off-campus. Site availability, student level of academic and clinical performance and supervisory expertise will determine student section assignment. Repeatable for a maximum of 9 credits.

Prereq: 423-222 or 423-478 or concurrent enrollment in 420-243 or 510-380.

**510-270 INTRODUCTION TO COMMUNICATIVE DISORDERS 3 cr**

This course provides an overview of the etiology, identification and treatment of speech, language and hearing disorders across the lifespan.

**510-272 PHONETICS AND ITS RELATED PROCESSES 3 cr**

This course provides a basic understanding of phonology (the study of the structure and function of sounds in a language), and articulatory, physiological and acoustic phonetics. Students are trained to use the International Phonetic Alphabet (IPA) and a variety of informal protocols to record American Standard English, as well as the speech of clinically diverse populations (e.g., non-native, non-standard, multicultural speakers).

**510-278 SPEECH SCIENCE I: ANATOMY AND PHYSIOLOGY 3 cr**

This course provides information regarding the anatomy and physiology of the respiratory, phonatory, resonatory, articulatory and nervous systems underlying speech production.

Prereq: 510-270 or consent of instructor.

**510-355/555 LANGUAGE DEVELOPMENT AND DISORDERS IN CHILDREN 3 cr**

This course provides an overview of oral language development and its relationship to the development of social skills, literacy and learning. Language characteristics of children with exceptional educational needs are described and strategies for improving their communication skills are discussed.

Prereq: Restricted to students with Professional Education admission. Coursework in child growth and development is highly recommended.

**510-371 INTRODUCTION TO CLINICAL PRACTICUM IN COMMUNICATIVE DISORDERS 3 cr**

This course provides an introduction to the tasks and related competencies associated with clinical practice in speech-language pathology. Students will develop an understanding of treatment principles, procedures and programs used in clinical practice, and gain an understanding of the responsibilities and professional issues associated with the practice of speech-language pathology across work settings. By the end of the course the student will demonstrate knowledge of the scientific method, and treatment, management and communication skills used in the clinical and supervisory processes.

Prereq: Communicative Disorders major or cons instr.

**510-375 SPEECH SCIENCE II: SPEECH ACOUSTICS, SPEECH PHYSIOLOGY AND SPEECH PERCEPTION 3 cr**

This course provides a basic understanding of the principles of general and speech

acoustics, speech physiology and speech perception.  
Prereq: 510-272 and 510-278 or consent of instructor.

**510-376 ARTICULATION AND PHONOLOGICAL DISORDERS 3 cr**

A study of the development of normal articulation and phonology and of the etiologies, symptoms, diagnosis, and treatment of articulation and phonological disorders.

Prereq: 510-270 and 510-272 or consent of instructor.

**510-380/580 SPEECH AND LANGUAGE DEVELOPMENT 3 cr**

This course provides an introduction to the process and sequence of normal speech and language development in children birth to school-age. Theories of language acquisition and the role of cognition, the environment, and caregivers are discussed. A language sample is analyzed and interpreted using knowledge gained in the class.

Prereq: Restricted to students with Communicative Disorders Major or consent of instructor.

**510-381 HEARING SCIENCE 3 cr**

A study of physical and psychological phenomena involved in audition to include 1) anatomy and physiology of the auditory system, 2) acoustics for the study of hearing, 3) development of pure tone hearing tests, 4) methods for measuring thresholds, and 5) psychophysical attributes to sound.

Prereq: 510-270 or consent of instructor.

**510-385/585 FLUENCY DISORDERS 3 cr**

This course provides for the study of the theories of the cause and onset of fluency disorders such as stuttering and cluttering. It further introduces basic clinical and experimental approaches to these disorders.

**510-424/624 ORGANIC SPEECH DISORDERS 3 cr**

This course provides a basic understanding of how structural malformations of the vocal tract influence speech and voice production. The primary focus of study is on applying the principles of speech and voice science to communication deficits associated with structural changes in the vocal tract (for example, voice disorders, cleft palate speech disorders, and swallowing dysfunction).

Prereq: 510-375 or consent of instructor.

**510-426/626 NEUROGENIC COMMUNICATIVE DISORDERS 3 cr**

This course provides a basic understanding of the neuroanatomic and neurophysiologic mechanisms underlying speech and language. The primary focus of study is on neuropathologies and how they influence brain/language relations (aphasia, dementia) and sensorimotor control for speech and swallowing (dysarthria,

dysphagia).

Prereq: 510-278 or consent of instructor.

**510-444/644 OCCUPATIONAL HEARING CONSERVATION 3 cr**

This introductory course assists the student in developing and managing an occupational hearing conservation program. Topics include the effect of noise on hearing, noise and hearing measurement, selection and fitting of hearing protectors, federal and state rules and regulations regarding hearing conservation, and the medicolegal and compensation aspects of hearing loss.

Prereq: Jr st or cons instr.

**510-450 METHODS: COMMUNICATIVE DISORDERS 3 cr**

A study of procedures and materials used in the public schools by speech and language clinicians. The course aids the student in the development of a workable philosophical approach with communicative disorders in the public schools.

Prereq: 423-212 or 423-222 or 423-478. Restricted to students with Professional Education admission.

**510-460/660 PRACTICUM IN COMMUNICATIVE DISORDERS 3 cr**

This course offers supervised practicum experiences: observation of communicative disorders, clinical work on-campus and/or off-campus, and supervision of practitioners or students. Client availability, student level of academic and clinical training, and supervisory expertise will influence student enrollment and section assignment. This course is repeatable for as many times as needed. Prereq: Undergraduate enrollment requires departmental approval and graduate students must enroll every semester.

**510-472/672 ASSESSMENT IN COMMUNICATIVE DISORDERS 3 cr**

This course introduces the theoretical and practical aspects of the assessment process in communicative disorders. Issues and methods involved in clinical decision-making are reviewed through case studies and applied activities. The interpretation and documentation of information collected during the assessment process are also discussed.

**510-481/681 LANGUAGE DISORDERS IN CHILDREN 3 cr**

This course introduces theoretical and clinical issues in child language disorders. Principles and methods relating to the assessment and management of developmental language disorder are discussed. The development of both content knowledge and applied skills are emphasized.

Prereq: Communicative disorders major or consent of instructor.

**510-482/682 AUDIOMETRY 3 cr**

This course is designed to provide information regarding the disorders of hearing and how different auditory evaluation procedures of the auditory system aid in the identification of specific types of hearing disorders. Training in performing different audiological testing procedures is provided as well as the interpretation of auditory test results.

Prereq: 510-381 or consent of instructor.

**510-483/683 AUGMENTATIVE AND ALTERNATIVE COMMUNICATION 3 cr**

This course reviews current approaches to augmentative and alternative communication. Alternative methods of communication other than speech and methods for augmenting residual speech skills are discussed. The course focuses on the development of basic skills for evaluating and providing intervention programs for individuals using alternative and augmentative communication systems.

Prereq: Consent of instructor.

**510-490/690 WORKSHOP 1-6 cr**

Repeatable

**510-491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**510-494 SEMINAR 1-6 cr**

Repeatable. Prereq: Jr st and cons instr.

**510-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable. Prereq: Jr st. or cons dept chp.

**510-498 INDEPENDENT STUDY 1-3 cr**

Repeatable. Prereq: Jr st or cons dept chp.

**DEPARTMENT OF COUNSELOR EDUCATION**

*Phone:* 262-472-5426

*E-Mail:* [counseled@uwwvax.uww.edu](mailto:counseled@uwwvax.uww.edu)

Faculty: Collette Dollarhide, Donald Norman, Brenda O'Beirne, Anene Okocha (Chairperson beginning 7/00), David Van Doren (Chairperson until 7/00).



The Department of Counselor Education does not have any undergraduate programs but does offer a Master of Science degree in Counseling. Undergraduate students who have an interest in pursuing a master's degree at a later date will benefit from courses and/or degrees in programs such as psychology, social work, sociology, women's studies or health.

Students who have specific questions should contact the Department chair.

## **490 COURSE DESCRIPTIONS**

### **490-450/650 INTRODUCTION TO COUNSELING 3 cr**

This is a survey course intended to introduce the student to the field of counseling and guidance. An overview of the purposes, procedures, and expected outcomes of counseling and guidance programs, the counselor's role and relationship to other functionaries will be dealt with.

### **490-490 WORKSHOP 1-3 cr**

Repeatable

### **490-496 SPECIAL STUDIES 1-3 cr**

Repeatable

## **DEPARTMENT OF CURRICULUM AND INSTRUCTION**

*Phone:* 262-472-1122

*E-Mail:* [curricinstr@uwwvax.uww.edu](mailto:curricinstr@uwwvax.uww.edu)

*Faculty:* William Chandler, Ni Chang, Andrea D'Antonino-Stinson, Virginia Epps, Melissa Freiberg, Tom Ganser, Katharina Heyning, Larry Kenney, Judson Lyon, Phillip Makurat (Chairperson), Barbara Mischio, Michael Nelson, Andrea O'Brien, Harriet Rogers, Patricia Shaw, Wallace Sherlock, Susan Toms-Bronowski, Sondra Waldmann, Mary Ann Wham, Paul Yvarra, John Zbikowski.

The Curriculum and Instruction Department provides three basic undergraduate teacher licensure programs and a minor in Bilingual Education.

The Prekindergarten-Elementary program (PreK-6 major) is designed for students who wish to obtain Wisconsin licensure to teach children from birth through the elementary grades. Embedded within the major is an early childhood minor; no other minor is required. The early childhood minor focuses on working with children in infant, toddler, and preschool settings, kindergartens and the primary grades. Within the PreK-6 major and early childhood minor, the student will work with young children in schools and programs across four Fall/Spring terms.

The Elementary/Middle program leads to licensure in teaching the elementary and middle level grades. The Program includes an elementary education major, an approved minor and a wide range of professional education courses. Special emphasis is placed on field work in schools and developing the skills to work with children who may vary widely in background and educational need. A special methods course in the minor may be required.

Middle/Secondary Education prepares students to teach in middle or junior high schools and senior high schools. Academic major(s), minor(s), or broadfield areas are complemented by educational foundations coursework, methods courses, and field work which qualify students for middle/secondary teaching licensure. For Middle/Secondary Education majors to be certified in their minor as well as their major, they must have a methods course in the minor unless the major and minor are in a compatible area. A listing of compatible majors and minors is available in the Curriculum and Instruction Office.

The Bachelor of Science with an Elementary/Middle or Middle/Secondary Education major with a minor in bilingual-bicultural education is designed to provide instructional strategies and cultural understanding for undergraduate/graduate students. The credential program has been designed to acquaint candidates with the rationale, methods, techniques, and procedures of Bilingual-Bicultural instruction.

In addition to the programs offered through the department, the department supports broad area majors in several fields. Broad area major requirements are as follows: (Education Licensure Programs are also available.)

*Art Education:*

The major in art education is outlined under Art.

*Business Education:*

Majors in business education are outlined under Business Education.

*Driver Education:*

The program in driver education is outlined under Safety Studies.

*Music Education:*

Majors in music education are outlined under Music.

*Physical Education:*

The broadfield major in physical education is outlined under Health, Physical Education, Recreation and Coaching.

## **MAJOR/EMPHASES**

### **ELEMENTARY EDUCATION PREKINDERGARTEN-6 EMPHASIS (BSE)**

#### **LICENSURE AND WRITING - 40 CREDITS**

1. EDFD 422-201 AND C&I 439-210
2. EDFD 420-243 OR 420-445
3. EDFD 423-222, 423-322 AND 424-424
4. MATH 760-111 (GM) AND 760-112 (GM) RLS
5. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
6. C&I 439-411 AND 439-415

#### **MAJOR & WRITING - 49 CREDITS**

1. C&I 430-215, 430-324, 430-363 AND 434-361
2. C&I 434-321, 434-330, 434-462 AND 434-475
3. C&I 434-340
4. C&I 432-361
5. C&I 430-222, 430-435 AND SPED 480-205
6. P ED 442-325 OR 442-327
7. C&I 430-422, 430-425 AND 432-460
8. SELECT 2 CRED FROM COURSE C&I 439-492

#### **UNIQUE MAJOR REQUIREMENT - 6 CREDITS**

1. 1. ART 110-121 AND MUSC 150-111 RLS

### **ELEMENTARY EDUCATION ELEMENTARY/MIDDLE EMPHASIS (BSE) (1-6 or 1-9)**

#### **LICENSURE AND WRITING - 36 CREDITS**

1. EDFD 422-201 AND C&I 439-210
2. EDFD 420-243 OR 420-445
3. EDFD 423-222 AND 424-424
4. MATH 760-111 (GM) AND 760-112 (GM) RLS
5. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
6. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-411
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-412

COMPLETION OF 439-412 IS REQUIRED ONLY FOR STUDENTS SEEKING MIDDLE SCHOOL LICENSURE

### **MAJOR & WRITING - 34 CREDITS**

1. C&I 430-215, 430-324, 430-363, 430-422, 430-425, 432-360, 432-460, 439-492 AND SPED 480-205
2. C&I 430-223
3. C&I 430-362
4. P ED 442-325 OR 442-326
5. BIOL 630-221 OR P ED 444-382

### **UNIQUE MAJOR REQUIREMENT - 6 CREDITS**

1. ART 110-121 AND MUSC 150-111 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **Middle-Level Licensure**

To qualify for a license to teach at the middle level as well as in grades 1-6, students in the Elementary/Middle Emphasis must complete all the courses in an approved minor plus any additional licensure requirements for that minor. Special licensure requirements for certain minors include the following (refer to descriptions of the minors for details):

*Bilingual/Bicultural Education minor:*

Complete bilingual student teaching or field study;

*Foreign Language minor:*

Complete a methods course and a four-week immersion experience;

*Health Education minor:*

Complete a health methods course;

*Library Media K-12 minor:*

Complete practicum coursework.

## **MIDDLE/SECONDARY EDUCATION (6-12)**

Middle/Secondary Education programs prepare students to teach specific subjects in grades 6-12. Students in Middle/Secondary Education complete an Education major in one of the subjects from the list below, plus a minor of at least 22 credits in any other subject:

### **Education Majors:**

- Biology
- French
- Physical Science
- Chemistry
- Geography
- Physics
- Earth Science
- German
- Political Science
- Economics
- History
- Psychology
- English
- Mathematics
- Sociology
- Spanish
- Theatre

For descriptions of courses required in each major, look under that subject in this catalog.

A set of courses consisting of at least 12 credits from each of two closely related subjects from the list above may be substituted for the minor. Consult an adviser in the Department of Curriculum and Instruction to determine approved combinations.

Broadfield majors, which prepare students to teach a set of related subjects in grades 6-9, and selected subjects from the set in grades 10-12, are available in Science and Social Studies. Students who complete a secondary broadfield major select an emphasis subject within the broadfield, and they do not need to complete a minor. Secondary broadfield majors include the following:

- General Science-Broadfield (choose from several emphasis areas - refer to specific sciences)
- Social Studies Broadfield (choose from several emphasis areas - refer to specific social sciences)

### **Licensure Minors**

Students who select a minor as well as a major from the list of Education majors may obtain a 6-12 teaching license in both the major and minor subjects. To do so may require taking an additional methods course, depending on how closely the two subjects are related. Consult an adviser in the Department of Curriculum and Instruction to determine whether a particular major-minor combination requires more than one methods course for licensure in both subjects.

Middle/Secondary level licensure may also be obtained in the following subjects by completing any of the following minors in conjunction with any education major from the list above:

- Bilingual/Bicultural Education (Bilingual Education License)
- Coaching (Coaching Athletics License)
- Computer Science Education (Computer Science License)
- Health Education (Health License)
- Library Media K-12 (School Media Specialist Provisional License)
- Dance Secondary Education (Dance License)
- Philosophy Education

Licensure for grades 6-12 may be obtained through a minor in the following two areas, but only in conjunction with an Education major in English:

- Journalism (Journalism license)

- Speech Secondary Education (Speech license)

Students seeking licensure to teach psychology, whether through a minor or a major, must select an Education major in another of the social sciences. Students seeking licensure in Computer Science must take 437-428, Methods of Teaching Mathematics. Students seeking licensure in Philosophy must take 437-430, Methods of Teaching Social Studies.

Note that middle-level (6-9) licensure may also be obtained in most of the subjects listed in this section by completing a minor in conjunction with an Elementary Education major.

Middle/Secondary school licensure options are also available in the Art Education, Business Education, Music Education, and Physical Education programs. Refer to descriptions of those programs in this catalog for details.

### **Licensure courses in 6-12 programs**

In addition to major and minor requirements, students in middle/secondary programs complete coursework and field experiences that provide opportunities to synthesize and apply knowledge of subject matter in middle schools and high schools. A typical sequence of courses is as follows:

1. Exceptionalities course (3 credits)
2. Pre-Professional Block (9 credits):  
(Prerequisites: G.P.A. of 2.4 or better and passing scores on at least two parts of the Pre-Professional Skills Test; refer to Educational Foundations for course descriptions)
  - Education in a Pluralistic Society
  - Educational Psychology
  - Observation and Participation-Secondary
3. Measurement and Evaluation in the Secondary School (3 credits)  
(Refer to Educational Foundations for course description)
4. Methods Block (at least 11 credits):  
(Prerequisite: Admission to Professional Education)
  - Methods course(s) in the licensure subject(s)
  - Developmental Reading in the secondary school
  - Secondary Field Studies
  - Directed Teaching-Alternate Experience

## 5. Directed Teaching in the major subject

Note: Students who do Directed Teaching in a high school must do Directed Teaching-Alternate Experience in a middle school, and vice versa.

## **Subject-Specific Licensure Requirements**

In addition to the above licensure sequence, which is common to all middle/secondary programs, some subjects require additional coursework beyond the major in order to obtain licensure. Refer to the course descriptions in each department for details. Note that the Academic Progress Report (APR) lists the specific licensure requirements for only one subject. Students seeking licensure in more than one subject are responsible for all requirements listed under licensure in each of the subjects whether they appear on the APR or not. Refer to particular departments for details.

Important subject-specific licensure requirements include the following:

- Social sciences majors (except Psychology) must complete coursework in economic cooperatives and environmental studies as specified for the major;
- Science majors must complete coursework in environmental studies as specified;
- English majors must complete coursework in literature for adolescents and literature by authors belonging to American minority groups as specified for the major;
- Foreign language majors, within three years of taking the methods course, must complete a four-week residency requirement in a location where the foreign language is the predominant medium of communication.
- Bilingual/Bicultural Education minors must complete bilingual student teaching or field study;
- Health minors must complete a methods course in health;
- Library media minors must complete practicum coursework.

## **BILINGUAL/BICULTURAL EDUCATION MINOR**

The Bachelor of Science with an Elementary/Middle or Middle/Secondary Education major with a minor in bilingual-bicultural is designed to provide instructional strategies and cultural understanding for undergraduate/graduate students working or planning to work with bilingual students. The licensure program has been designed to acquaint candidates with the rationale, methods, techniques, and procedures of



bilingual-bicultural instruction. Basic entry requirements are: (1) the possession of a teaching license or concurrent enrollment in a program leading to a license; (2) competency in Spanish as determined by a Spanish language proficiency examination; (3) a GPA of 2.15 or higher. The Bilingual/Bicultural minor consists of a core of 24 semester credits.

### **MINOR - 24 CREDITS**

1. CHCN 615-150, 615-200, 615-310 AND SPAN 686-260
2. C&I 430-350 OR 437-350
3. C&I 430-435 OR 437-435
4. C&I 430-455
5. SELECT 1 COURSE FROM SPAN 686-321 OR 686-322

For further information regarding the Bilingual Program, contact: Dr. Yvarra (262) 472-4891.

## **430 COURSE DESCRIPTIONS**

### **CURRICULUM & INSTRUCTION (430)**

#### **CIGENRL 214 INFORMING THE EDUCATION CONSUMER: ISSUES IN AMERICAN PUBLIC 3 u EDUCATION**

The course explores the political pressures affecting various aspects of public education including legal issues, standards and standardized testing, the Americans with Disabilities Act, school violence, school funding, literacy, language in education, the arts in education, technology in education, multiculturalism, gender issues, and curriculum reform. Units of study will broadly focus on three areas: (1) the mission of public education, (2) the actual practice it engenders, and (3) the impact of that practice on American society. Units will be led by professors having expertise in the areas to be considered.

#### **430-215 METHODS OF TEACHING ART IN THE ELEMENTARY/MIDDLE SCHOOL 2 cr**

A study of the contribution of creative expression in art to the development of a child and the role of visual arts in the elementary school curriculum. Through studio experiences, lecture - discussions, and media presentations, all of the areas of art basic to the elementary/middle school program will be explored and curriculum materials

developed. The observation and analysis of children's art activities will be included. Required of all Early Childhood, Elementary and Dual Elementary-Special Education Majors.

Prereq: 110-121.

**430-222 EARLY CHILDHOOD MUSIC METHODS 2 cr**

Early Childhood Music Methods is designed to prepare early childhood education majors to enhance and support music education through awareness of the role of music in children's lives and the goals and processes necessary for musical development. Preservice teachers gain skills, understandings and dispositions which will allow them to enrich classroom environments through the incorporation of music into various school settings.

Prereq: 150-111 or 150-151.

**430-223 ELEMENTARY/MIDDLE SCHOOL MUSIC METHODS 2 cr**

Elementary/Middle School Music Methods is designed to prepare elementary/middle school education majors to enhance and support music education through awareness of the role of music in children's lives and the goals and processes necessary for musical development. Preservice teachers gain skills, understandings and dispositions which will allow them to enrich classroom environments through the incorporation of music into various school settings.

Prereq: 150-111 or 150-151.

**EDUCATION CURRICULUM & INSTRUCTION**

**430-324 TEACHING OF SCIENCE IN THE ELEMENTARY/MIDDLE SCHOOL 3 cr**

This course considers different teaching models, metacognitive tools, inquiry structures, assessment approaches, curriculum design, use of computer technology in elementary and middle school science instruction, and state and national science education standards. Issues of safety and accessibility are addressed as a part of curriculum planning for the science classroom.

Prereq: 423-222. Restricted to students with professional ed admission.

**430-350/550 INTRODUCTION TO MULTICULTURAL EDUCATION 3 cr**

History, philosophy and rationale for bilingual/bicultural education. A study of different models of bilingual education programs as well as different types of bilinguals. Cultural, socioeconomic and psychological factors influencing learning in the bilingual child.

Unreq: 437-350/550.

**430-362/562 CHILDREN'S LITERATURE 3 cr**

A study of literature for older children including fiction and non-fiction. Multi-media as related to literature, selection and usage are also explored.

Restricted to students with professional ed admission.

**430-363 THE TEACHING OF SOCIAL STUDIES IN THE ELEMENTARY/MIDDLE SCHOOL 3 cr**

This course prepares preservice teachers to organize the social studies curriculum, construct strategies for instruction and to teach problem solving in the elementary and middle school. Additionally, the course gives attention to methods of pupil assessment, selection of instructional materials, use of different instructional media to facilitate learning among students with a wide range of abilities and various cultural backgrounds.

Prereq: 423-222. Restricted to students with professional ed admission.

**430-422 TEACHING LANGUAGE ARTS IN THE ELEMENTARY/MIDDLE GRADES 2 cr**

This course focuses on the organization of the language arts program in the elementary/middle grades with emphases on common functions of listening, speaking, reading and writing as elements of effective communication.

Prereq: 423-222. Coreq: 430-425. Restricted to students with professional ed admission.

**430-424 ELEMENTARY/MIDDLE SCHOOL ART EDUCATION 3 cr**

A preparatory course for those planning to teach art in the elementary/middle school. Included will be a study of the contribution of art expression to the creative growth of the child and an analysis of the visual arts in the elementary/middle school curriculum. Various approaches to curriculum organization will be explored and materials developed for use in teaching. Required of all Broadfield Art majors and minors seeking licensure to teach art at the elementary level.

Restricted to students with professional ed admission.

**430-425 TEACHING MATHEMATICS IN THE ELEMENTARY/MIDDLE GRADES 3 cr**

The student will be instructed in how to assist the elementary/middle pupil in his understanding of mathematics, will become acquainted with different pedagogical techniques to be used in the contemporary mathematics classroom and will be taught to devise evaluation techniques to measure their effectiveness.

Coreq: 430-422. Restricted to students with professional ed admission.

**ELEM MID 434 ELEMENTARY GENERAL MUSIC 3 u  
METHODS**

A course designed to prepare music education majors to teach music as specialists in the elementary school. Students will acquire knowledge and apply skills related to curriculum design, selection of musical materials, methods of instruction, characteristics of learners, inclusion and diversity in the music classroom, personal musicianship and educational ends, purposes and values related to music education. Coreq: EDFOUND 492. Restricted to students with professional ed admission.

**430-435/635 LANGUAGE ACQUISITION FOR THE BILINGUAL CHILD 3 cr**

An examination of the process involved in the acquisition of a first and second language and the implications this has for the curriculum and language instruction in the bilingual school. Special emphasis on stages of language development; the role of adult models, teachers, and environment in language learning; social classes and differences in language development; dialect differences and language development; etc.

Unreq: 437-435/635.

**ELEMMID 437 ELEMENTARY/MIDDLE SCHOOL INSTRUMENTAL METHODS 3 u**

This course prepares the instrumental music teacher to deal with the problems of teaching instrumental music in the elementary/middle school. Specific areas covered in the course include recruiting and selection of elementary/middle school band students, class organization, scheduling, and teaching procedures.

Prereq: MUSC 356 Restricted to students with professional ed admission.

**430-455/655 TEACHING CONTENT IN THE BILINGUAL CLASSROOM 3 cr**

An examination of various techniques and materials being used to teach subject matter in bilingual programs with emphasis on Spanish materials. Other topics of discussion are: language assessment and adaptation of materials to the learner's language proficiency and cultural experience. Course will be taught in English and Spanish, so that students may have the opportunity of expanding their command of the other language being used as a medium of instruction.

Unreq: 437-455/655.

**430-475 COMPUTER APPLICATIONS IN EDUCATION 3 cr**

This course is designed to introduce prospective teachers to applications of computers in the schools. The students will examine, analyze and evaluate available software. Computer assisted instruction and computer managed instruction concepts will be used to view the role of computers in the total education program.

**430-476/676 CURRENT TOPICS IN INSTRUCTIONAL COMPUTING 3 cr**

A topic or topics not otherwise accounted for in other computer education courses will

be chosen as the focus of each course. For instance, the use of multimedia in the schools could be one suggested topic. Each topic would be explored in the following ways: 1) what does the current research say about the topic?, 2) what potential impact can this technology have in the schools?, 3) are there special hardware, software, personnel, or other requirements necessary for successful implementation of this topic in the schools?, 4) what potential does this topic have for integration into the curriculum?, 5) whenever possible, a hands-on experience with the topic will be part of the overall experience. This would be possible if the topic involved a particular computer application.

### **430-477/677 TELECOMMUNICATIONS FOR EDUCATORS 3 cr**

In this course, participants will have the opportunity to explore ways in which telecommunications can be used to enhance classroom instruction. A number of online information sources for education will be explored including the Internet, Consortium for School Networking (CoSn), Learning Link, School Net (SCHLnet), FrMail, Prodigy, Scholastic Online, Delphi, America Online, and other specialized services. An overview of ways that telecommunications can be used in various curricular areas such as Language Arts, Math, Science, Social Studies, Music, Art, Foreign Language, etc. will be presented. A large portion of the course will be done online with participants completing assignments and exchanging information using e-mail. Class members will do a telecommunications project of their choice as a culminating activity. It should be noted that this course will look at only one aspect of telecommunications—those activities which use computers and modems.

Prereq: Class members should have previous experience with computers. 430-475 or consent of instructor.

### **430-489/689 EMPLOYMENT STRATEGIES 1 cr**

Offered on a satisfactory/no credit basis only. Designed to acquaint the teacher education student with the problems and procedures of securing a teaching position. Includes consideration of professional ethics, preparation of placement credentials, teacher licensure practices, interviewing techniques and teaching contracts. Reviews opportunities for professional advancement through graduate study. (Open to teacher education students. Should be taken the semester prior to graduation or the semester of graduation.

Unreq: 480-489/689.

### **READING (432)**

### **432-360 READING IN THE ELEMENTARY/MIDDLE SCHOOL 3 cr**

This course is designed for the undergraduate student to examine the reading process. The principles and strategies of the approaches to reading instruction, beginning reading instruction, word recognition skills, vocabulary development, and special

needs are also examined in detail.

Prereq: 423-222. Restricted to students with professional ed admission.

**432-361 EMERGENT LITERACY AND BEGINNING READING INSTRUCTION 3 cr**

This course is designed to acquaint undergraduate students with children's reading and writing development from birth through age 8 and with appropriate education practices used to promote literacy development.

Prereq: 423-222. Restricted to students with Professional Education Admission.

**432-460 ELEMENTARY/MIDDLE SCHOOL READING TEACHING STRATEGIES 3 cr**

This course will focus on the reading comprehension process. This course will also include in-depth examination of: study skills, content area reading, integration of children's literature into the reading program, special needs, classroom organization, management and assessment.

Prereq: 432-360 or 432-361. Restricted to students with professional ed admission.

**432-461 REMEDIATION STRATEGIES FOR TEACHING DISABLED READERS 3 cr**

Principles, approaches and strategies used in the diagnosis and remediation of reading disabilities will be studied. Emphasis will be on the application of remedial strategies and the development of individualized reading programs designed to match student needs.

Prereq: 432-360, 432-460 or 437-466

**EARLY CHILDHOOD (434)**

**434-321 PROGRAMS AND CURRICULUM FOR YOUNG CHILDREN 3 cr**

The investigation of various early childhood programs with emphasis on planning the environment: designing, implementing, and evaluating learning and teaching in an effective manner.

Prereq: 439-210, 423-322, 423-222 or taken concurrently. Restricted to students with professional ed admission.

**434-330 COMMUNITY - SCHOOL - CHILD RELATIONSHIPS 3 cr**

This course is designed to aid the student in identifying the interrelationships of home, school, community, and society in affecting the education of children. An emphasis is placed on the children-at-risk concept and its implications for teachers. A second emphasis will be given to techniques of communication between parents and teachers and means of actively engaging community members in the school.

Prereq: 423-222. Restricted to students with professional ed admission. 20 hours of community volunteer work will be required.

**434-340/540 NUTRITION AND HEALTH: EARLY CHILDHOOD 3 cr**

This course pertains to the needs of the young child of preschool age through the third grade, with emphasis on knowledge of nutrition, safety, and health in homes and community and school settings.

Prereq: Admission to professional education.

**434-361/561 CHILDREN'S LITERATURE 3 cr**

A study of literature and media for Early Childhood, PreK-6; emphasis on evaluating, selecting, and presenting materials related to the interests and needs of children and the curriculum.

Prereq: Restricted to students with professional education admission; PreK-6 Licensure or EEN Licensure or Library/Media Minor.

**434-365 TECHNOLOGY - ENHANCED APPLICATIONS IN EARLY CHILDHOOD EDUCATION 3 cr**

This course will provide students an opportunity to obtain expertise in implementing a technology-enhanced curriculum for children from three through eight years old. Students will understand the value of emerging technology, acquire skills for selecting and evaluating existing software and hardware, and learn to design developmentally appropriate technology-related experiences.

**434-462/662 PROGRAMS AND CURRICULUM FOR INFANTS AND TODDLERS 3 cr**

This course will enable students to plan a sequential curriculum for children from birth to age three. Issues, concepts, and research findings pertaining to group care of infants and toddlers in a variety of settings will be considered, as well as teaching strategies employed with very young children.

Prereq: Restricted to students with professional ed admission.

**434-475/675 ADMINISTRATION OF PRE - SCHOOL PROGRAMS 3 cr**

The concentration of this course is upon managerial skills. Areas of emphasis are licensing, writing policies, programming, staffing, finances, professional ethics, and public relations.

Prereq: 434-321, Jr or sr st. Restricted to students with professional ed admission.

**SPECIALIZED STUDIES (436)**

**436-470 STUDENT TEACHING SEMINAR 2 cr**

Discussion and writing about practical issues of teaching as experienced in the full-time directed teaching term. Incorporates presentations and panels by experienced

educators as well as large- and small-group interaction to promote reflection and inform beginning teachers.

Repeatable.

Coreq: CIFLD 411 or CIFLD 412 or CIFLD 414

Prereq: Restricted to students with professional education admission

**436-490/690 WORKSHOP 1-6 cr**

Repeatable for a maximum of 9 credits in degree.

**436-494/694 SEMINAR 1-3 cr**

Repeatable. Prereq: Junior standing.

**436-496/696 SPECIAL STUDIES**

Repeatable 1-3 cr

**436-498 INDEPENDENT STUDY 1-4 cr**

Repeatable.

Prereq: Junior or senior standing and cons instr.

**MIDDLE/SECONDARY EDUCATION (437)**

**437-350/550 INTRODUCTION TO MULTICULTURAL EDUCATION 3 cr**

History, philosophy and rationale for bilingual/bicultural education. A study of different models of bilingual education programs as well as different types of bilinguals. Cultural, socio-economic and psychological factors influencing learning in the bilingual child.

Unreq: 430-350/550.

**437-420/620 METHODS OF TEACHING PHYSICAL EDUCATION K-12 3 cr**

Techniques of teaching physical education including selection of content, methods of presentation, class management, supervision, community influences, curriculum planning and professional responsibilities.

Prereq: 423-212 or 423-222. Restricted to students with professional ed admission.

**437-423 MIDDLE/SECONDARY SCHOOL ART EDUCATION 3 cr**

A preparatory course toward teaching art in middle/secondary school. The place of art in the middle/high school program, use and organization of art materials, exhibits and community relations. Required of all broadfield art education majors.

Prereq: 423-212 or 423-222. Restricted to students with professional ed admission.

**437-426/626 METHODS OF TEACHING ENGLISH AND LANGUAGE ARTS  
3 cr**



Engages the students in shaping viable perspective for teaching English in today's middle/secondary school; in planning, developing, and evaluating a course, a unit, and a lesson series; in considering and practicing several modes of instruction-learning; in individualizing learning for particular adolescents; and in preparing generally for the Teaching Practicum.

Prereq: 423-212. Restricted to students with professional ed admission.

**437-427/627 METHODS OF TEACHING FOREIGN LANGUAGE AND ESL 3 cr**

An introduction to the principles and techniques of teaching modern foreign languages including English as a second language designed to prepare students for the Teaching Practicum. Emphasis is placed on a communicative approach to lesson planning, classroom instruction and proficiency assessment in accordance with the WI Academic Standards.

Prereq: 423-212. Restricted to students with admission to professional ed or Graduate Studies.

**437-428/628 METHODS OF TEACHING MATHEMATICS 3 cr**

A study of the materials, methods, curriculum and structure of secondary school mathematics. Review of current objectives in secondary school mathematics.

Prereq: 423-212. Restricted to students with professional ed admission.

\* Subject assigned by course content

**434-361/561 CHILDREN'S LITERATURE 3 cr**

A study of literature and media for Early Childhood, PreK-6; emphasis on evaluating, selecting, and presenting materials related to the interests and needs of children and the curriculum.

Prereq: Restricted to students with professional education admission; PreK-6 Licensure or EEN Licensure or Library/Media Minor.

**434-365 TECHNOLOGY - ENHANCED APPLICATIONS IN EARLY CHILDHOOD EDUCATION 3 cr**

This course will provide students an opportunity to obtain expertise in implementing a technology-enhanced curriculum for children from three through eight years old. Students will understand the value of emerging technology, acquire skills for selecting and evaluating existing software and hardware, and learn to design developmentally appropriate technology-related experiences.

**434-462/662 PROGRAMS AND CURRICULUM FOR INFANTS AND TODDLERS 3 cr**

This course will enable students to plan a sequential curriculum for children from birth to age three. Issues, concepts, and research findings pertaining to group care of

infants and toddlers in a variety of settings will be considered, as well as teaching strategies employed with very young children.

Prereq: Restricted to students with professional ed admission.

**434-475/675 ADMINISTRATION OF PRE - SCHOOL PROGRAMS 3 cr**

The concentration of this course is upon managerial skills. Areas of emphasis are licensing, writing policies, programming, staffing, finances, professional ethics, and public relations.

Prereq: 434-321, Jr or sr st. Restricted to students with professional ed admission.

**SPECIALIZED STUDIES (436)**

**436-470 POST STUDENT TEACHING SEMINAR 2 cr**

The seminar will provide emphasis on independent study, research, inquiry and opportunity for discussion and evaluation of student teaching experience.

Repeatable.

Prereq: Restricted to students with professional ed admission.

**436-490/690 WORKSHOP 1-6 cr**

Repeatable for a maximum of 9 credits in degree.

**436-494/694 SEMINAR 1-3 cr**

Repeatable.

Prereq: Junior standing.

**436-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable

**436-498 INDEPENDENT STUDY 1-4 cr**

Repeatable.

Prereq: Junior or senior standing and cons instr.

**MIDDLE/SECONDARY EDUCATION (437)**

**437-350/550 INTRODUCTION TO MULTICULTURAL EDUCATION 3 cr**

History, philosophy and rationale for bilingual/bicultural education. A study of different models of bilingual education programs as well as different types of bilinguals. Cultural, socio-economic and psychological factors influencing learning in the bilingual child.

Unreq: 430-350/550.

**437-420/620 METHODS OF TEACHING PHYSICAL EDUCATION K-12 3 cr**

Techniques of teaching physical education including selection of content, methods of

presentation, class management, supervision, community influences, curriculum planning and professional responsibilities.

Prereq: 423-212 or 423-222. Restricted to students with professional ed admission.

### **437-423 MIDDLE/SECONDARY SCHOOL ART EDUCATION 3 cr**

A preparatory course toward teaching art in middle/secondary school. The place of art in the middle/high school program, use and organization of art materials, exhibits and community relations. Required of all broadfield art education majors.

Prereq: 423-212 or 423-222. Restricted to students with professional ed admission.

### **437-426/626 METHODS OF TEACHING ENGLISH AND LANGUAGE ARTS 3 cr**

Engages the students in shaping viable perspective for teaching English in today's middle/secondary school; in planning, developing, and evaluating a course, a unit, and a lesson series; in considering and practicing several modes of instruction-learning; in individualizing learning for particular adolescents; and in preparing generally for the Teaching Practicum.

Prereq: 423-212. Restricted to students with professional ed admission.

### **437-427/627 METHODS OF TEACHING FOREIGN LANGUAGE AND ESL 3 cr**

An introduction to the principles and techniques of teaching modern foreign languages including English as a second language designed to prepare students for the Teaching Practicum. Emphasis is placed on a communicative approach to lesson planning, classroom instruction and proficiency assessment in accordance with the WI Academic Standards.

Prereq: 423-212. Restricted to students with admission to professional ed or Graduate Studies.

### **437-428/628 METHODS OF TEACHING MATHEMATICS 3 cr**

A study of the materials, methods, curriculum and structure of secondary school mathematics. Review of current objectives in secondary school mathematics.

Prereq: 423-212. Restricted to students with professional ed admission.

\* Subject assigned by course content

### **437-429/629 METHODS OF TEACHING SCIENCE 3 cr**

Designed to acquaint students with basic educational techniques; to develop in students the ability to utilize effectively techniques characteristic of science programs, namely, laboratory learning to acquaint students with new approaches to science; to familiarize students with new developments in the science curriculum; to help students gain a broad vision of their teaching profession, their science area and their

responsibilities to all students.

Prereq: 423-212. Restricted to students with professional ed admission.

**437-430/630 METHODS OF TEACHING SOCIAL STUDIES 3 cr**

The study of the teaching-learning process, objectives in social studies, planning for teaching, selection of content and resources, teaching-learning strategies and evaluative methods.

Prereq: 423-212. Restricted to students with professional ed admission.

**437-434 METHODS OF TEACHING THEATRE 3 cr**

Techniques of teaching drama, including discussions of the place of theatre in the high school program. The methods and materials appropriate to classroom instruction and the procedures for planning and directing high school dramatic productions will be covered.

Prereq: 423-212. Restricted to students with professional ed admission.

**437-435/635 LANGUAGE ACQUISITION FOR THE BILINGUAL CHILD 3 cr**

An examination of the processes involved in the acquisition of a first and second language and the implications this has for the curriculum and language instruction in the bilingual school. Special emphasis on stages of language development, the role of adult models, teachers and environment in language learning, social class and differences in language development, dialect differences and language development, etc.

Unreq: 430-435/635.

**437-436 METHODS OF TEACHING GENERAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL 2 cr**

Required of music education students desiring middle/secondary general licensure.

Planning and sequencing classroom music instruction for the general student in middle and high school. Examination of various course options for the general student as well as current approaches, techniques, and materials.

Prereq: Restricted to students with professional ed admission.

**SECNDED 437 METHODS OF TEACHING INSTRUMENTAL MUSIC IN THE MIDDLE/SECONDARY 2 u SCHOOL**

Procedures for organizing, planning, and directing middle/secondary instrumental groups of various types are presented. Problems of student retention, concert presentation, music contest, tours, and establishing a unified instrumental program for the entire school system are addressed with solutions offered.

Prereq: ELEMID 437, Coreq: 439-492. Restricted to students with professional ed admission.

**437-438 METHODS OF TEACHING CHORAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL 2 cr**

Required of vocal and combined music majors and special minors. Includes methodology in planning a comprehensive program of music experiences in the middle/secondary school with emphasis on organizing, developing and directing/rehearsing choral groups. Application of the Kodaly method. Coreq: 439-492. Restricted to students with professional ed admission.

**437-440 METHODS OF TEACHING MARKETING EDUCATION 2 cr**

A practical analysis of the various methods, teaching devices, and sources of information in teaching distributive education. Teaching content of the various related courses will be analyzed.

Coreq: Nine credits of marketing-related courses and admission to professional education.

**437-441 METHODS OF TEACHING ACCOUNTING 2 cr**

A study of course content in accounting and recordkeeping at the high school level. The course involves writing objectives, developing lesson plans, making presentations, studying evaluation methods, analyzing textbooks, using computer software, and completing a simulation project.

Prereq: 210-244 and 210-498 or 210-701 and 210-798. Restricted to students with professional ed admission or consent of instructor.

**437-442 METHODS OF TEACHING KEYBOARDING/DOCUMENT PROCESSING 2 cr**

This course examines the methods of teaching a skill course through the study of psychology of skill development, formulation of objectives of speed and accuracy development on the keyboard, motivation in a skill development course, curriculum for keyboarding from the early elementary grades through post-secondary schools, procedures and standards for production in document processing, vocational business procedures, textbooks and supplementary materials. In addition, methods for teaching handicapped students will be emphasized.

Prereq: 220-245. Restricted to students with professional ed admission.

**437-444 METHODS OF TEACHING BASIC BUSINESS SUBJECTS 2 cr**

A study of the current issues and the curriculum affecting basic business data processing. Objectives, methods, and resources are explored through development of a resource unit, lesson plans, and instructional materials.

Prereq: 240-341 or 240-721 and 220-344 or 220-701, one of which may be taken concurrently, and admission to professional education.

### **437-450 METHODS: COMMUNICATIVE DISORDERS 3 cr**

A study of procedures and materials used in the public schools by speech and language clinicians. The course aids the student in the development of a workable philosophical approach with communicative disorders in the public schools.

Prereq: 423-212 or 423-222 or 423-478.

### **437-455/655 TEACHING CONTENT IN THE BILINGUAL CLASSROOM 3 cr**

An examination of various techniques and materials being used to teach subject matter in bilingual programs with emphasis on Spanish materials. Other topics of discussion are: language assessment and adaptation of materials to the learner's language proficiency and cultural experience. Course will be taught in English and Spanish, so that students may have the opportunity of expanding their command of the other language being used as a medium of instruction.

Unreq: 430-455/655.

### **437-466 LITERACY STRATEGIES FOR CONTENT-AREA TEACHERS 3 cr**

The principles, techniques and materials for literacy instruction in the middle/secondary schools with emphasis on application of skills within the various content areas taught in the secondary schools.

Prereq: 423-212 or 423-222 or 423-478. Restricted to students with professional ed admission.

### **PRACTICUM (439)**

#### **439-160 INTRODUCTION TO TEACHING MUSIC 1 cr**

Required of music education students. Investigation of philosophical and psychological principles basic to the teaching of music, development of skills in planning and assessing music learning, and exploration of music's role in the school and in the community. Includes regular laboratory experience.

#### **439-411 DIRECTED TEACHING - ELEMENTARY 2-12 cr**

Offered on a satisfactory/no credit basis only. Professional laboratory experience under the guidance of carefully selected, qualified cooperating teachers in elementary school classrooms in the area. Students with licensure who desire recommendation for licensure by this University must complete at least 3-6 credits of directed teaching on this campus regardless of the number of credits earned elsewhere.

Repeatable for a maximum of 18 credits in major/degree.

Prereq: 439-492 or concurrent registration in 439-492. Restricted to students with professional ed admission.

**439-412 DIRECTED TEACHING - MIDDLE SCHOOL 2-12 cr**

Offered on a satisfactory/no credit basis only. Professional laboratory experience is provided under the guidance of carefully selected, qualified cooperating teachers in middle school classrooms in the area. Students with licensure who desire recommendation for licensure by this University must complete at least 3-6 credits of directed teaching on this campus regardless of the number of credits earned elsewhere. Repeatable for a maximum of 18 credits in major/degree.  
Prereq: 439-492 or concurrent registration in 439-492. Restricted to students with professional ed admission.

**439-413 DIRECTED TEACHING FOR SPECIAL MINORS 2 cr**

Offered on a satisfactory/no credit basis only. Teaching under the guidance of supervising teachers in affiliated public schools in special subject areas.  
Repeatable.  
Prereq: Restricted to students with professional ed admission.

**439-414 DIRECTED TEACHING - SECONDARY 2-12 cr**

Offered on a satisfactory/no credit grade basis only. Professional laboratory experience is provided under the guidance of carefully selected qualified cooperating teachers in secondary school classrooms in the area. Students with licensure who desire recommendation for licensure by this University, must complete at least 3-6 credits of directed teaching on this campus regardless of the number of credits earned elsewhere. Repeatable for a maximum of 18 credits in major/degree.  
Prereq: 439-492 or concurrent registration in 439-492. Restricted to students with professional ed admission.

**439-415 DIRECTED TEACHING: EARLY CHILDHOOD/PRE-KINDERGARTEN 3 cr**

Offered on a satisfactory/no credit grade basis only. Professional laboratory experiences under the guidance of carefully selected, qualified, cooperating nursery school teachers in area schools.  
Repeatable for a maximum of 6 credits in major/degree.  
Prereq: Restricted to students with professional ed admission.

**439-492 FIELD STUDY 1-12 cr**

Offered on a satisfactory/no credit basis only. Designed to give the student experience in working with individuals in such settings as day care centers, nursery, elementary, middle and secondary schools. Repeatable for a maximum of 12 credits in degree.  
Prereq: EDFNDPRC 210. Restricted to students with professional ed admission.

## **MAJORS/EMPHASES**

### **EARLY CHILDHOOD EDUCATION (BSE)**

#### **LICENSURE AND WRITING - 36 CREDITS**

1. EDUC 400-213, 400-214, EDFD 422-201, CMDS 510-355
2. EDUC 400-443
3. EDUC 400-331
4. EDUC 400-441
5. EDUC 400-461, 400-462, 400-463

#### **MAJOR AND WRITING - 60 CREDITS**

1. EDUC 400-211, 400-212, 400-215, 400-216 AND C&I 430-222
2. EDUC 400-321, 400-322, 400-323, SPED 480-376 AND 480-461
3. EDUC 400-332, 400-333, 400-334 AND C&I 432-361
4. EDUC 400-442, C&I 434-321, 434-340 AND SPED 480-476
5. EDUC 400-451, 400-452, HPRC 442-327, C&I 432-460 AND 434-475

## **DEPARTMENT OF EDUCATIONAL FOUNDATIONS**

*Phone:* 262-472-1380

*E-Mail:* edfound@uwwvax.uww.edu

*Faculty:* Narciso Aleman, Rene Barr, Donna Rae Clasen, Pamela Clinkenbeard, Lloyd LaRoque, Margy McClain, Robin Mello, Eileen Schroeder, Ellen Smith, Anthony Truog (Chairperson), Gregory Valde, Anne Zarinnia.

The Department of Educational Foundations offers electives and required courses that are taken by those seeking teacher licensure. A 24/26 hour minor is offered in Library Media. This program is designed to prepare students to be public librarians and librarians in the fields of art, business, engineering, finance, industry, law, medicine, museums, music, and vocational technical settings as well as school librarians on the K-12 level.



## **MINOR/EMPHASES**

### **LIBRARY MEDIA PUBLIC SPECIAL EMPHASIS**

#### **MINOR - 26 CREDITS**

1. EDFD 422-343, 422-350, 422-351 AND 430-362
2. EDFD 429-411, 422-434, 422-440, 422-451 AND 422-454

### **LIBRARY MEDIA K-12 EMPHASIS**

#### **MINOR - 24 CREDITS**

1. 1. EDFD 422-343, 422-350, 422-351 AND C&I 430-362
2. 2. EDFD 422-434, 422-440, 422-451 AND 422-454

### **URBAN EDUCATION MODULE**

#### **MODULE - 12 UNITS**

1. SELECT 3 UNITS FROM COURSES  
POLISCI 466/666 OR SOCIOLOGY 352 OR GEOGRPY 344
2. SELECT 3 UNITS FROM COURSES  
AFRIAMR 120 OR AFRIAMR 270 OR AFRIAMR 396 OR AFRIAMR 397 OR  
AFRIAMR 470 OR CHICANO 320 OR CHICANO 330 OR GEOGRPY 430 OR  
POLISCI 217 OR SOCWORK 380 OR SOCIOLOGY 265 OR SOCIOLOGY 459 OR  
SPEECH 424
3. EDFOUND 490 (URBAN EDUCATION)
4. EDFOUND 490 (URBAN FIELD EXPERIENCE)

Please note, to receive an elementary 1-9 license, which requires a licensable minor, you need to complete all courses for Library Media 901 licensure. These consist of the courses for the library Media minor and two practicum experiences.

## **420 COURSE DESCRIPTIONS**

**420-243 EDUCATION IN A PLURALISTIC SOCIETY *GI/Diversity* 3 cr**

Designed to prepare students to teach in settings with diverse student populations. Attention will be directed to major issues confronting education, the experiences of students from diverse backgrounds, and an analysis of the role of the teacher in a pluralistic society.

Prereq: Concurrent enrollment in 439-210 or 489-210 and 423-212 or 423-222.

**LIBRARY/MEDIA (422)**

**422-201 INDIVIDUALIZED LEARNING SYSTEM IN EDUCATIONAL MEDIA (ILSEM) 1 cr**

Offered on a satisfactory/no credit basis only. ILSEM is a modular individualized learning system designed to present students with explanatory and hands-on practical experiences at the introductory level with classroom technologies for print, graphics and visual communication, and related web-based resources.

**422-343/543 ADOLESCENT LITERATURE AND RELATED MEDIA 3 cr**

Designed primarily to acquaint the student with books and nonprint media which appeal to the adolescent interest. Emphasis will be placed on adolescent human growth and development, reading interests and principles of selection. Open as an elective.

Prereq: Soph st.

**422-350/550 REFERENCE AND BIBLIOGRAPHY 3 cr**

Basic reference theory and the strategies and tools useful in manual and electronic reference service.

Prereq: Jr st.

**422-351/551 BUILDING MEDIA COLLECTIONS 3 cr**

Principles of building and managing collections for all types of libraries. Study of tools used in selection and ensuring access to information for particular purposes and populations. Emphasis will be placed on supporting intellectual freedom.

Prereq: Jr st.

**422-434/634 INSTRUCTIONAL TECHNOLOGY 3 cr**

An introduction to instructional technology as it relates to present and future curriculum objectives. Basic techniques for operating traditional and computer enhanced audiovisual equipment, and producing graphic, projected and electronic media are developed, including simple use of video systems, desktop publishing and hypermedia for the classroom and media center.

Prereq: Jr st or above.

### **422-438/638 TEACHING AND LEARNING VIA VIDEO AND ACROSS DISTANCES 3 cr**

As our technological capabilities grow, education is no longer bounded by the four walls of the classroom. We can now connect students, teachers, and experts around the state and across the world. With these new capabilities arises the question as to how best enhance learning when students, teachers, and resources may be widely dispersed geographically in distributed learning environments. This class will introduce you to the strategies and technologies of distance education from creating and editing videotapes usable in many locations to connecting learners via two-way interactive video conferencing systems.

### **422-440/640 DEVELOPING LIBRARY/MEDIA SKILLS 3 cr**

This course is designed to support development of effective information and technology literacy skills in library users and integration of those skills into the curriculum.

### **422-441/641 COMPUTER APPLICATIONS IN THE LIBRARY AND MEDIA CENTER 3 cr**

This course prepares students to identify, critically select and use available library hardware and software through the process of analysis of needs, design and evaluation of currently available systems and services.

Prereq: 422-434/634 or cons instr.

### **422-451/651 CLASSIFICATION AND CATALOGING 3 cr**

Introduction to the organization of information. Study of the principles governing basic methods of descriptive cataloging and intellectual access to print, non-print and electronic materials and information sources. Emphasis is on the Dewey Decimal Classification, MARC records, electronic tools, Sears subject headings and metadata.

Prereq: Junior standing.

### **422-454/654 LIBRARY AND MEDIA CENTER ADMINISTRATION 3 cr**

Organization and administration of libraries and school media centers. Includes the study of library objectives and the theory and practice of acquiring, processing, disseminating, housing and accessing all types of educational materials. Emphasis is on planning, leadership and the changing roles and responsibilities of the library media professional.

Prereq: Jr st.

### **422-494 SEMINAR 2 cr**

An advanced course of study which may involve original research or the study of materials in a particular area appropriate to librarianship studied under an instructor of

the department.

May be retaken. Prereq: Jr or sr st.

## **EDUCATIONAL PSYCHOLOGY DEVELOPMENT (423)**

### **423-212 EDUCATIONAL PSYCHOLOGY 3 cr**

This course is designed primarily for secondary school teachers. Among the areas considered are the psychology of teaching, learning theories, memory, development, intelligence, creativity, individual differences, motivation, and classroom management.

Coreq: EDFOUND 243 and EDFNDPRC 210, Pass two portions of PPST and 2.75 GPA.

### **423-222 CHILD DEVELOPMENT 3 cr**

A developmental study of the child from conception to the onset of puberty, including physical, psychosocial and cognitive growth.

Prereq: Concurrent enrollment in 439-210 or 489-210 and 420-243.

### **423-322/522 PRESCHOOL CHILD DEVELOPMENT 3 cr**

A study of theory and principles of development and learning from conception to age eight; techniques of observing and the role of play in development.

Prereq: Soph st. Restricted to students with professional ed admission.

### **423-474/674 INCREASING STUDENT MOTIVATION TO LEARN 3 cr**

This course is designed to help educators gain an understanding of the cognitive, and social-emotional needs of students, analyze educational practices that may undermine the fulfillment of these needs in traditional classrooms, and explore structural changes and instructional strategies that support the needs of all students, thereby increasing their motivation to learn in school.

Prereq: Admission to Professional Education.

### **423-478/678 ADOLESCENT DEVELOPMENT 3 cr**

Adolescent Development acquaints students with the major theories related to adolescent development and helps students interpret the theories in ways which are meaningful in understanding and working with adolescents. Focus is on the changes of adolescence with special attention given to the biological, cognitive, social and emotional systems.

Prereq: Pass two portions of PPST or professional ed admission or consent of Department Chair.

### **423-481/681 HUMAN ABILITIES AND LEARNING 3 cr**

This course is designed to help educators comprehend and apply the fundamental

psychological principles underlying the teacher-learning process. Among the areas considered are motivation, classroom management, instructional applications, individual differences and creativity.

Prereq: Pass two portions of PPST or professional ed admission or consent of Department Chair.

## **MEASUREMENT AND RESEARCH (424)**

### **424-423 MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION 3 cr**

A study of principles and techniques used to evaluate pupil progress in physical education through a survey of available testing instruments and the use of elementary statistics.

Prereq: Jr or sr st. Restricted to students with professional ed admission.

### **424-424/624 MEASUREMENT AND EVALUATION IN THE ELEMENTARY SCHOOL 3 cr**

This class is designed for special education, communicative disorders, and elementary education majors. It includes testing, measurement, and evaluation of student progress in multiple contexts. Teacher testing, assessment, and decision making in the school environments are emphasized as well as examining traditional and performance assessment strategies. Basic statistical procedures, the use and interpretation of standardized tests, appropriate use of non-testing techniques are covered as well as various grading and reporting systems.

Prereq: Jr or sr st. Restricted to students with professional ed admission.

### **424-425/625 MEASUREMENT AND EVALUATION IN THE SECONDARY SCHOOL 3 cr**

This class is designed for special education, communicative disorders and secondary education majors. It includes testing, measurement, and evaluation of student progress in multiple contexts and subject areas. Teacher testing, assessment, and decision making in the school environments are emphasized as well as examining traditional and performance assessment strategies. Basic statistical procedures, the use and interpretation of standardized tests, appropriate use of non-testing techniques are covered as well as various grading and reporting systems specific to the secondary school setting.

Prereq: Jr or sr st. Restricted to students with professional ed admission.

### **424-482/682 EDUCATIONAL STATISTICS 3 cr**

This course is designed for students at the senior or graduate level who find it necessary to be an educated consumer of statistical information. This is designed to be a first course on this topic. Major areas of study include gathering/organizing data,

probability, inferential techniques (t-test, ANOVA, follow-up tests, correlation, and regression), non-parametric techniques (chi-square test), and single subject designs.

### **SPECIALIZED STUDIES (426)**

#### **426-490/690 EDUCATION WORKSHOP 1-6 cr**

Repeatable for a maximum of 9 credits in major/degree.

#### **426-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable for a maximum of 9 credits in major/degree. Prereq: Consent of instructor.

#### **426-498 INDEPENDENT STUDY 1-3 cr**

Repeatable.

Prereq: Sponsorship of instructor and permission of dept.

### **HUMANISTIC STUDIES (428)**

#### **428-472/672 MODELS OF A CCELERATED CLASSROOM LEARNING 3 cr**

This course is intended to instruct teachers how to use the latest "whole brain" learning theories and techniques in the classroom. It will employ accelerated learning, whole brain instruction, positive and holographic learning.

#### **428-475/675 UNDERSTANDING AND DEALING WITH DISRUPTIVE CLASSROOM BEHAVIOR 3 cr**

Designed to give students an opportunity to discuss the various theoretical approaches to handling disruptive behavior in the classroom and to apply these approaches to actual problem situations. Emphasis will also be placed on the prevention of behavior problems through the development of effective classroom procedures. Recommended for all Education majors.

### **PRACTICUM (429)**

#### **429-210 OBSERVATION & PARTICIPATION 1-3 cr**

Offered on a satisfactory/no credit basis only. This course prepares students for Directed Teaching. It includes participation in the classroom situation under the guidance of a supervising teacher. Repeatable.

Prereq: 423-212 or 423-222 or concurrent enrollment and 420-243 or concurrent enrollment; student must have passed at least two sections of the PPST, and must have achieved a 2.40 grade point average based on at least 12 credits of course work or consent of department.

**429-411 LIBRARY PRACTICE 2 cr**

Offered on a satisfactory/no credit grade basis only. Planned to supply actual experience in area libraries to blend theory and practice for library media minors who do not intend to become school librarians.

Prereq: 422-350, 422-351, 422-451, 422-454 or cons instr.

**429-492 FIELD STUDY 1-6 cr**

Studies designed to increase the student's understanding of an area of library media by reading and travel under the direction of a member of the department. Area of concentration to be approved by the chairperson of the department.

Repeatable.

Prereq: Jr st or cons instr.

## **DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND COACHING**

*Phone:* 262-472-1140

*E-Mail:* [hperc@uwwvax.uww.edu](mailto:hperc@uwwvax.uww.edu)

*Faculty:* Steven Albrechtsen, Karen Barak, Bruce Bukowski, L. Brenda Clayton, Jacqueline Dailey, Nancy Farmer, Ann Garvin, Kathleen Happel, Dianne Jones, Constance Kirk, Willie Myers, Penny Portman, Bonnie Trudell, Denay Trykowski, Wan Xiang Yao.

*GENERAL EDUCATION* requirements include a personal health and fitness course for all University students. Additional opportunities exist for the study of health-related physical fitness and/or participation in team, individual, and high risk adventure sports as leisure-time activities at a beginning or intermediate level. Courses offered are available to all students and promote a knowledge of sports and activities which stress the importance of the benefits derived from regular participation in physical activity.

*PHYSICAL EDUCATION MAJOR* programs provide opportunities supporting both licensure to teach in the public schools, and preparation for careers outside the public schools in health, physical education, recreation and coaching. There are three physical education major programs: (1) a 54-credit major and includes course work leading to a broadfield (K-12) public school licensure, (2) a 35-credit major, requiring a minor leading to an elementary (K-9) public school license, and (3) a 35-credit non-

licensure sub-major, also requiring a minor, leading to careers outside the public schools.

*PHYSICAL EDUCATION FOR SPECIAL STUDENT LICENSURE* provides a 15-credit 860 certification in adapted physical education.

## **MAJOR/EMPHASES**

### *Writing Proficiency Requirement:*

Students are required to successfully write, in a prescribed time period, on a selected topic. See the department chairperson for information on dates and times of examinations.

## **PHYSICAL EDUCATION K-12 EMPHASIS (BSE)**

### **LICENSURE REQUIREMENT - 35 CREDITS**

1. EDFD 423-212, 423-222 AND 424-423
2. EDFD 420-243 OR 420-445
3. C&I 437-420 AND 437-466
4. SELECT 2 CRED FROM COURSE ELED 439-210
5. STUDENT TEACHING
  - a. SELECT 6 CREDITS FROM C&I 439-411
  - b. SELECT 6 CREDITS FROM C&I 439-414
6. SELECT 3 CREDITS FROM COURSE C&I 439-492

### **MAJOR - 54 CREDITS**

1. P ED 442-165, 442-173, 442-177, 442-200, 442-212 AND 442-215
2. P ED 442-240, 442-271, 442-281, 442-371, 442-471 AND 444-181
3. SELECT 1 TEAM SPORT COURSE FROM EACH GROUP BELOW: GRP A: P ED 442-171, 442-178



GRP B: P ED 442-172, 442-174, 442-210

4. SELECT 2 CRED FROM COURSES P ED 442-175, 442-176 OR 442-213
5. SELECT 1 CRED FROM COURSES

P ED 440-106, 440-110, 440-111, 440-115, 440-125, 440-141, 440-142, 440-155, 440-170, 440-175, 440-183, 440-185 OR 440-186

6. SELECT 1 CRED FROM COURSES

P ED 440-150, 440-151, 440-152, 440-157, 440-158, 440-159, 440-180, 440-190, 442-251 OR 442-291

7. P ED 442-314, 442-324, 442-330, 442-340 AND 442-380
8. P ED 442-475 OR 442-478
9. SELECT 5 HPER CRED APPROVED BY ADVISOR

## **SWIMMING PROFICIENCY**

1. 1. P ED 440-151 OR 440-152 OR 442-251 OR 442-291 OR PROFICIENCY TEST

## **PHYSICAL EDUCATION K-9 EMPHASIS (BSE)**

### **LICENSURE REQUIREMENT - 36 CREDITS**

1. EDFD 423-222, 424-423, C&I 432-360, 437-420, AND 439-210
2. EDFD 420-243 OR 420-445
3. SELECT 3 CREDITS FROM COURSE C&I 439-492
4. STUDENT TEACHING
  - a. SELECT 6 CREDITS FROM C&I 439-411
  - b. SELECT 6 CREDITS FROM C&I 439-414
5. P ED 442-475 or 442-478

## **MAJOR - 35 CREDITS**

1. P ED 442-165, 442-173, 442-177, 442-200, 442-212 AND 442-215
2. P ED 442-240, 442-271, 442-281, 442-314, 442-324, 442-330, 442-371 AND 442-380
3. SELECT 1 CRED FROM COURSES P ED 442-175, 442-176 OR 442-213
4. SELECT 2 CRED FROM COURSES P ED 442-171, 442-172, 442-174, 442-178 OR 442-210

## **SWIMMING PROFICIENCY**

1. P ED 440-151 OR 440-152 OR 442-251 OR 442-291 OR PROFICIENCY TEST

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **PHYSICAL EDUCATION K-12 NON-LICENSURE EMPHASIS (BSE)**

### **DEGREE REQUIREMENTS - 10-16 UNITS**

1. EDFOUND 423
2. SELECT 1 UNIT FROM COURSE PEPROF 209
3. SELECT 6 - 12 UNITS FROM COURSES  
PEPROF 492, HEALTHED 492, RECREATN 492 OR COACHING 492

### **MAJOR - 35 UNITS**

1. PEPROF 165, PEPROF 271, PEPROF 371, PEPROF 415,  
PEPROF 416 AND PEPROF 471
2. SELECT 2 - 3 UNITS FROM COURSES  
PEPROF 281, HEALTHED 181, HEALTHED 360, HEALTHED 362,  
HEALTHED 391, COACHING 461, SFTYGEN 251 OR SFTYGEN 455
3. SELECT 3 UNITS FROM COURSES  
HEALTHED 465, RECREATN 334, RECREATN 391 OR COACHING 265
4. SELECT 3 UNITS FROM COURSES  
PEPROF 480, RECREATN 489 OR COACHING 460
5. SELECT 2 -4 UNITS FROM COURSES  
PEPROF 461, PEPROF 475, PEPROF 478, RECREATN 350,  
RECREATN 360 OR COACHING 465
6. SELECT 4 - 7 UNITS IN HEALTH, PHYSICAL  
EDUCATION, Recreation OR COACHING BY ADVISER

### **SWIMMING, FIRST AID & WRITING PROFICIENCY**

1. PEGNRL 151 OR PEGNRL 152 OR PEPROF 251 OR  
PEPROF 291 OR PROFICIENCY TEST
2. FIRST AID AND CARDIOPULMONARY RESUSCITATION  
PROFICIENCY
3. WRITING PROFICIENCY PER DEPT REQUIREMENT

**AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR**

## **HEALTH MINOR/EMPHASIS**

Health education minor provides opportunity to explore knowledge, attitudes and experiences in differing health fields. A holistic approach is used to determine the impact that health education, health maintenance, and health promotion/wellness have on various lay and professional populations. Either public school teaching

licensure or non-licensure health minors are available.

## **HEALTH EDUCATION**

### **MINOR - 22 CREDITS**

1. P ED 442-281, HLTH 444-340 AND 444-360
2. SELECT 14 CRED FROM COURSES LISTED BELOW BUT WITH ONLY ONE COURSE TO BE SELECTED FROM EACH GROUP (460-255), (442-271, 630-360), (630-230, 860-341), (430-351, 444-391), (444-362, 840-437, 860-301, 860-302, 860-303), (166-228, 428-476, 840-451), (442-215, 442-415, 444-181), (460-251, 630-214, 880-410), (444-382, 630-221)

### **1ST MINOR - LICENSURE REQUIREMENT - 3 CREDITS**

1. HLTH 444-445

## **HEALTH EDUCATION - L&S EMPHASIS**

### **MINOR - 22 CREDITS**

1. HLTH 444-181 AND 444-362
2. SELECT 4 CRED FROM COURSE HPRC 442-271 OR BIOL 630-360
3. SELECT 13 CRED FROM COURSES HPRC 442-415, HLTH 444-340, 444-360, 444-391, 444-465, SFTY 460-450, PSYC 840-309, 840-403, 840-435, 840-437, SOCW 860-301 AND 860-302

## **RECREATION/LEISURE STUDIES MINOR/EMPHASIS**

The recreation and leisure service profession is interdisciplinary in nature requiring educational training both of a general and specialized nature. Many of the areas of specialization fall within the realm of business, education, sociology, social welfare, psychology, physical education, public administration, communications, geography,

theatre, art, and music. It is for this reason that the minor is an interdisciplinary minor which is designed to enhance the student's major area of professional preparation and expand their employment opportunities to include related recreation and leisure fields of employment.

## **RECREATION LEISURE EDUCATION EMPHASIS**

### **MINOR - 22 CREDITS**

1. SELECT 8 CRED FROM COURSES RECR 446-232, 446-334 AND 446-489
2. SELECT 2-8 CRED ELECTIVES WITH ADVISEMENT OF RECREATION COORDINATOR
3. SELECT 6 - 12 CRED FROM COURSE RECR 446-492

## **RECREATION LEISURE L&S EMPHASIS**

### **MINOR - 22 CREDITS**

1. SELECT 8 CRED FROM COURSES RECR 446-232, 446-334 AND 446-489
2. SELECT 0 - 6 CRED FROM COURSE 446-492
3. SELECT 8-14 CRED ELECTIVES WITH ADVISEMENT OF RECREATION COORDINATOR

## **COACHING**

The minor in coaching provides professional preparation for the coaching of interscholastic athletics and sports. The imbalance between trained coaches and the number of coaches available makes the minor an attractive addition to many majors.

## **MINOR/EMPHASES**

### **COACHING EDUCATION EMPHASIS**

**MINOR - 22 UNITS**

1. COACHING 240
2. COACHING 250
3. COACHING 255
4. COACHING 256
5. COACHING 460
6. COACHING 461
7. COACHING 492
8. SELECT 2-4 UNITS FROM COURSES  
COACHING 350 THRU COACHING 361
9. SELECT 3-6 UNITS FROM COURSES  
COACHING 251, COACHING 260, COACHING 265, COACHING 463,  
COACHING 464, COACHING 465, COACHING 466, COACHING 470, COACHING  
490, COACHING 496, COACHING 498, COACHING 350-361 OR PEPROF 271,  
PEPROF 281, PEPROF 371, PEPROF 361, PEPROF 471.

THERE IS A LIMIT OF 3 UNITS THAT MAY BE TAKEN IN EACH OF THE FOLLOWING COURSES: COACHING 490, COACHING 496, AND COACHING 498.

**UNIQUE REQUIREMENT**

1. P ED 442-271 OR BIOL 630-120 OR 630-360, EMPLOYMENT PORTFOLIO,  
EXIT INTERVIEW

**COACHING EMPHASIS FOR BBA/L & S MAJORS**

**MINOR - 22 CREDITS**

1. COCH 448-240
2. COCH 448-250
3. COCH 448-255
4. COCH 448-256
5. COCH 448-460 OR RECR 446-489
6. COCH 448-461

7. COCH 448-492
8. SELECT 2-4 CRED FROM COURSES COCH 448-350 THRU 361
9. SELECT 3-6 CRED FROM COURSES COCH 448-251, 448-260, 448-265, 448-464, 448-465, 448-466, 448-470, 448-490, 448-496, 448-498, COCH 350-361 OR P ED 442-271, 442-281, 442-371, 442-361, 442-471

## **UNIQUE REQUIREMENT**

1. P ED 442-271 OR BIOL 630-120 OR 630-360, EMPLOYMENT PORTFOLIO, EXIT INTERVIEW

## **440 COURSE DESCRIPTIONS**

All students are required to report to class in attire appropriate to the activity. Students participating in archery, bowling, canoeing, golf, skiing, skin and scuba diving are required to pay a fee or provide equipment.

### **GENERAL (440)**

All 440 courses can be used to meet the University General Studies requirements:

#### **440-103 BEGINNING ARCHERY GP 1/2 cr**

An activity course designed to teach the student the fundamental techniques of archery for use as a leisure-time activity.

#### **440-104 BEGINNING BADMINTON GP 1/2 cr**

An activity course designed to teach the student the basic skills, knowledges, strategies, and understandings of badminton.

#### **440-106 BEGINNING AEROBIC EXERCISE AND DANCE GP 1/2 cr**

An activity course that utilizes aerobic activities for exercise and the development of total fitness.

#### **440-108 BEGINNING BOWLING GP 1/2 cr**

An activity course designed to develop or improve the fundamental skills of bowling so that bowling can be utilized now, and later in life, as a recreational activity.

**440-109 INTERMEDIATE BOWLING GP 1/2 cr**

A course designed to develop the bowler on the intermediate skill level through intermediate and advanced techniques.

**440-113 INTERMEDIATE AEROBICS EXERCISE AND DANCE GP 1/2 cr**

An activity course that gives the students an opportunity to develop and utilize intermediate techniques and skills in aerobic exercise and dance activities to develop total fitness for their bodies.

**440-120 BEGINNING GOLF GP 1/2 cr**

To learn the basic skills, rules, and etiquette of golf for use as a leisure-time activity.

**440-121 INTERMEDIATE GOLF GP 1/2 cr**

An activity course designed to give the student the opportunity to develop and utilize intermediate skills in golf. Students will practice their skills in an actual nine-hole course setting.

**440-141 BEGINNING YOGA GP 1/2 cr**

An activity course which introduces the techniques of performing basic asanas (exercises) and purposeful breathing. Extra emphasis is given to toning the body, using deep muscle isometrics, and concentration in relaxation and better mental attitudes.

**440-142 INTERMEDIATE YOGA GP 1/2 cr**

An activity course designed which expands on the techniques of performing intermediate asanas and new methods for breathing, massage, and imagery. Special emphasis is given to limbering the body while using deep muscle isometrics, imagery in everyday life, stress reduction, and nutrition designed to improve lifelong health.

**440-143 BEGINNING FOLK DANCE GP 1/2 cr**

An activity course designed to introduce the basic dance steps, dance styles, and efficient rhythmic movements indigenous to folk dances from selected countries.

**440-144 BEGINNING SOCIAL DANCE (Classics) GP 1/2 cr**

An activity course which introduces the techniques of performing social dances such as the fox-trot, waltz, and cha-cha. Special emphasis will be on the techniques of leading, following, footwork and stylization.

**440-147 BEGINNING SOCIAL DANCE (Latin & Midwestern) GP 1/2 cr**

An activity course which introduces the technique of performing dances such as the rumba, samba, schottische and the polka. Special emphasis will be on the techniques of leading, following, footwork and stylization.



**440-149 COUNTRY WESTERN DANCE 2 cr**

This course is an introduction to contemporary Country Western dance, with selections drawn from an array of continuously emerging line and partner dances, as well as the standard couple dances. Some standard CW couple dances include, but are not limited to Waltz, Polka, Two Step, Triple Two Step, Double Two Step, Progressive Two Step, and Pony.

**440-150 BEGINNING SWIMMING (ARC III-IV) GP 1/2 cr**

An activity class designed to help the student develop proficiency in the front crawl, back crawl, elementary backstroke, and treading water. The breaststroke and sidestroke are introduced.

Prereq: Demonstrate all completion requirements in American Red Cross Level II course.

**440-151 INTERMEDIATE SWIMMING (ARC V-VI) GP 1/2 cr**

An activity course designed to polish the students front crawl and back crawl, as well as develop proficiency in the breaststroke and sidestroke. The butterfly, approach stroke, turns, and surface dives are introduced.

Prereq: ARC Level IV or its equivalent.

**440-158 BEGINNING SKIN AND SCUBA DIVING GP 1 cr**

An activity course emphasizing basic skin and scuba diving knowledges, skills, safety precautions, and recreational benefits through 22 hours of classroom and practical work. Successful completion of the course qualifies students for check-out dives and final scuba diver certification. The course is taught under the auspices of the Professional Association of Diving Instructors (PADI).

**440-159 BEGINNING CANOEING GP 1 cr**

An activity course designed to develop techniques and safety skills necessary for river and lake canoeing. Students will be responsible for the cost of transportation.

**440-160 BEGINNING TENNIS GP 1/2 cr**

An activity course instructing students in the basic fundamentals of tennis. The course consists of learning and practicing six basic strokes. An attempt is made to develop an appreciation and love for the game so the student will participate in the activity after college.

**440-167 BEGINNING WEIGHT TRAINING GP 1/2 cr**

A course designed to develop a basic understanding of the use of weights as fundamental techniques and skills and to help the individual set up and understand a good program of training.

**440-170 BEGINNING SELF DEFENSE GP 1/2 cr**

An activity course designed to increase personal fitness, to develop skills in the defense of one's self, and to develop skills to identify crime situations and how to handle them.

**440-175 BEGINNING TAE KWON DO: KARATE GP 1/2 cr**

An activity course designed to teach the fundamental physical and mental skills of Tae Kwon Do, a Korean style of karate. The course will cover basic blocks, kicks, strikes, and forms, as well as proper breathing techniques and the theory of power. Emphasis will be placed on how karate can be used for self-defense.

**440-176 INTERMEDIATE TAE KWON DO: KARATE GP 1/2 cr**

An activity course designed to teach the intermediate physical and mental skills of Tae Kwon Do, a Korean martial art. The course will review skills learned in Beginning Tae Kwon Do. Emphasis will be placed on forms and self-defense techniques.

**PEGNRL**

**177 INTRODUCTION TO MARTIAL ARTS WEAPONS 1/2 cr**

A course designed to teach beginning martial arts weapon skills. Students will discuss various weapons used in the martial arts and will learn basic skills and techniques in the bo staff and escrima sticks.

Prereq: PEGNRL 175 or consent of instructor

**440-180 OPEN WATER SCUBA "CHECK-OUT DIVES" GP 1 cr**

An activity course which reviews basic diving and give the student five open water diving experiences. Students will be asked to show skills and knowledges gained in pool and lecture portion of Beginning Skin and Scuba Diving.

Prereq: 440-158 or consent of instructor

**440-183 EXERCISEWALKING GP 1/2 cr**

An activity class to teach students a variety of walking styles and training routines. Students develop a program of exercise walking which best fits their lifestyle and physical fitness needs.

**440-187 MILITARY CONDITIONING I GP 1 cr**

An activity course which is an introductory study for men and women of military calisthenics designed to develop both individual fitness and leadership skills essential to the management of an effective organizational physical fitness program.

**440-190 SWIM FOR FITNESS GP 1/2 cr**

An activity course helping students utilize their swimming skills to develop and maintain fitness; distance, fartlek, interval techniques, and dry land exercises are taught. Out-of-class activity is recommended.

**440-192 PERSONAL HEALTH AND FITNESS FOR  
LIFE GP 1 cr**

An activity course which develops students understanding of the importance of a healthy lifestyle, while experiencing the choices available. Students will develop a basic understanding of creating and/or assessing healthy and safe exercise program(s) relative to their goals and needs.

**PEGNRL 193 INTERCOLLEGIATE ATHLETIC  
PARTICIPATION 1 cr**

Intercollegiate athletics participation is open to all students who are selected to participate on an intercollegiate athletic team at the University of Wisconsin-Whitewater. The student-athlete must participate in the physical activity and lectures pertaining to the preparation of a varsity athletic team for the entire season to receive credit for the class.

S/NC grade basis only. Repeatable.

Prereq: Students must take this course during the term that their sport season ends. The student-athlete must be eligible to participate in athletics practice as defined by the Wisconsin Intercollegiate Athletic Conference

**440-490 WORKSHOP 1/2 cr**

**PROFESSIONAL PHYSICAL EDUCATION (442)**

**442-165 INTRODUCTION TO PHYSICAL EDUCATION AND  
MECHANICAL PRINCIPLES 2 cr**

A required introductory course for Physical Education majors and minors designed to develop an understanding of philosophical concepts and mechanical principles as applied to physical education and human movement.

**442-171 FUNDAMENTALS OF FLAG FOOTBALL AND TEAM HANDBALL  
1 cr**

A course designed to teach the physical education major/minor the basic skills, knowledge, strategies, and mechanical principles relative to flag football and team handball.

**442-172 FUNDAMENTALS OF BASKETBALL 1 cr**

Designed to teach the physical education major/minor the basic skills, knowledge, strategies, and mechanical principles relative to basketball.

**442-173 FUNDAMENTALS OF TUMBLING 1 cr**

An activity-centered course designed to provide the physical education major/minor with basic tumbling skills as well as an understanding of the mechanics of movement.

**442-174 FUNDAMENTALS OF VOLLEYBALL 1 cr**

Designed to teach physical education majors/minors the basic skills, knowledge, strategies and mechanical principles relative to volleyball.

**442-175 FUNDAMENTALS OF BOWLING AND BADMINTON 1 cr**

Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to bowling and badminton.

**442-176 FUNDAMENTALS OF ARCHERY AND GOLF 1 cr**

Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to golf and archery.

**442-177 FUNDAMENTALS OF TRACK AND FIELD 1 cr**

Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to track and field.

**442-178 FUNDAMENTALS OF SOCCER AND SPEEDBALL 1 cr**

A course designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to soccer and speedball.

**442-200 FUNDAMENTALS OF RHYTHMS 2 cr**

A course designed to teach movement patterns that will be used in the execution of basic dance steps and dances.

**442-209 INVESTIGATING COMMUNITY PROFESSIONS IN PHYSICAL EDUCATION 1 cr**

This course prepare students majoring in Physical Education, who are not pursuing a teaching license, for the required Field Study course. This course provides resources and instruction for designing a plan for professional development and field study placement. Students will visit potential field study sites, interview professionals and develop a resume. Satisfactory/No Credit grade basis only.

**442-210 FUNDAMENTALS OF SOFTBALL 1 cr**

Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to softball.

**442-212 FUNDAMENTALS OF APPARATUS 1 cr**

An activity course designed to teach the physical education major/minor the skills necessary for performance on apparatus and an understanding of the mechanical principles involved.

**442-213 FUNDAMENTALS OF TENNIS 1 cr**

Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to tennis.

**442-215 FUNDAMENTALS OF WEIGHT TRAINING AND PHYSICAL FITNESS 1 cr**

A course designed to develop a general understanding of physical fitness programs and the use of weights as a means of developing strength and physical fitness. The course involves surveying weight training and fitness programs and learning when and where each is used.

**442-240 THEORY OF TEAM AND INDIVIDUAL ACTIVITIES 3 cr**

A course that bridges the gap between participation in and the teaching of team and individual activities.

Prereq: 442-165, 1 credit of Individual Sports 442-series and 1 credit of Team Sports 442-series.

**442-251 WATER SAFETY INSTRUCTOR GP 3 cr**

This course leads to American Red Cross certification as a Water Safety Instructor. It prepares Instructor candidates to conduct 13 different swimming and water safety courses.

Prereq: ARC Level VI or its equivalent.

**442-271 STRUCTURE AND FUNCTION OF THE HUMAN BODY 4 cr**

Study of the basic structure and function of the human body. Emphasis will be placed on the interrelationships between the systems of the body and their application to human movement.

Prereq: General Studies Lab Science or cons instr.

**442-281 FIRST AID AND C.P.R. 2 cr**

A study of the human body in relation to accidents and emergency care. A study of the methods of, and the importance of, immediate care of a person who has been injured or has been suddenly taken ill. It includes self-help and home care if medical

assistance is not available or is delayed. It includes techniques of cardio-pulmonary resuscitation.

**442-291 LIFEGUARDING GP 3 cr**

This course leads to a three-year certification as an American Red Cross Lifeguard, a Waterfront Lifeguard and a Head Lifeguard as well as certification in First Aid and Cardiopulmonary Resuscitation for the Professional Rescuer.

Prereq: ARC Level VI or its equivalent.

**442-314/514 TECHNIQUES OF TEACHING DANCE 3 cr**

A course designed to emphasize techniques of teaching dance and the organization of rhythms and dance programs for the elementary and secondary levels.

Prereq: 442-200.

**442-324/524 TECHNIQUES OF TEACHING GYMNASTICS 3 cr**

A course for physical education majors and minors designed to develop an understanding of progressions in and mechanical skill analysis of tumbling, apparatus, and floor exercise activities to be used in the teaching of gymnastics. It includes hands on teaching experiences.

Prereq: 442-173, 442-212 or equiv.

**442-325/525 PHYSICAL EDUCATION FOR THE KINDERGARTEN-PRIMARY (K-3) CLASSROOM TEACHER 2 cr**

Required of students in elementary education who intend to teach children in the kindergarten through third grade levels. Emphasis is placed upon the preparation of the classroom teacher to meet the developmental needs of children in grades K-3 through the medium of motor activities.

Prereq: 423-222.

**442-326/526 PHYSICAL EDUCATION FOR THE ELEMENTARY 4-8 CLASSROOM TEACHER 2 cr**

Required of students enrolled in the elementary education curriculum. Specific emphasis is placed upon preparing the classroom teacher to meet the needs of children in grades 4-8 in the area of physical education.

Prereq: 423-222.

**442-327/527 MOTOR PROGRAMMING FOR EARLY CHILDHOOD 2 cr**

This course is designed for those who plan to work with children in any type of pre-school program. Emphasis will be placed on providing ideas for developmental motor activities that will aid children with their 1) physical coordination, 2) emotional reactions to various experiences, 3) social interactions and, 4) mental development.

Prereq: Jr st or cons instr.

**442-330/530 TECHNIQUES OF TEACHING MOVEMENT ACTIVITIES IN ELEMENTARY SCHOOL 3 cr**

A course which combines the theory of curriculum development with the planning and conducting of lessons suitable for both the K-3 grades and the upper elementary grades. Emphasis is on the planning for lessons suitable for the K-3 child including basic manipulative, non-manipulative and locomotor skills, activities of simple organization and lead-up activities in progression.

Prereq: 442-240.

**442-340/540 TEAM AND INDIVIDUAL SPORTS 3 cr**

An integration of organizational procedures, lesson planning, program planning progression and teaching techniques relating to team and individual sports.

**442-371/571 KINESIOLOGY 3 cr**

The study of mechanical principles which are essential to the analysis of sport techniques as well as the performance of motor skills. The course includes a review of muscle-skeletal anatomy and the thorough study of human movement.

Prereq: 442-271.

**442-380/580 PERCEPTUAL MOTOR ACTIVITIES FOR YOUNG CHILDREN 3 cr**

A study of motor maturation, developmental variances affecting motor efficiency, gross motor assessment instruments, and prescriptive techniques involving perceptual motor activities.

Prereq: Jr st or cons instr.

**442-400/600 METHODS OF TEACHING PHYSICAL EDUCATION 3 cr**

This course focuses on the teaching and learning process including selection of content, methods of presentation, class management, supervision, community influences, curriculum planning, professional responsibilities and establishing an environment for learning which includes conflict resolution.

Prereq: Pre-professional block which includes 423-212 or 423-222.

**442-410 STUDENT TEACHING SEMINAR-PHYSICAL EDUCATION 2 cr**

Restricted to students currently enrolled in Directed Teaching.

**442-415/615 CORPORATE AND COMMUNITY FITNESS 3 cr**

Theoretical considerations and practical applications of health appraisal and exercise testing. Includes the use of written health appraisal instruments, tests of muscular strength, endurance and flexibility, tests of aerobic capacity, pulmonary function testing, electrocardiography and graded exercise testing. Applications for healthy populations, medical populations and special populations.

**442-416/616 EXERCISE PRESCRIPTION AND LEADERSHIP 3 cr**

Theoretical considerations and practical applications of exercise prescription and leadership. Includes risk stratification, prescription techniques, program progression, exercise leadership, health counseling and program administration. Applications for healthy populations, medical populations and special populations.

**442-471/671 PHYSIOLOGY OF EXERCISE 3 cr**

A comprehensive study of physiological changes which occur during exercise and the adaptations which occur during exercise training. The student receives practical experience in the organization, interpretation and reporting of laboratory experiences relative to class discussion. A study of physiological adaptations of the human body during work and play while under stress. A study of nutritional and environmental aspects of exercise and the effect of conditioning on the body.

Prereq: 442-271.

**442-472/672 ADVANCED PHYSIOLOGY OF EXERCISE 3 cr**

Theoretical considerations and laboratory experiences in physiology of exercise at an advanced level. Includes exercise biochemistry, biochemical analysis, environmental considerations, exercise histochemistry, cardiorespiratory considerations, animal experimentation, electromyography and aids to performance.

Prereq: 442-471.

**442-475/675 ADAPTED PHYSICAL EDUCATION 3 cr**

A study of the problems of the atypical child in relation to the physical education activity program. Emphasis is placed on the atypical child in the public school. Areas studied include postural deviations, orthopedic and neurological disabilities, sensory handicaps, the mentally handicapped and the behaviorally deviant child.

**442-478/678 PHYSICAL EDUCATION FOR EXCEPTIONAL CHILDREN 3 cr**

The course emphasis is on exploring physical education programs for the self-contained classroom teacher and for recreational leaders in institutional settings and day care centers who deal with exceptional children who are handicapped in physical activities.

Prereq: 442-325 or 442-326 or 442-330 or cons instr.

**442-480/680 FITNESS PROGRAM OPERATIONS 3 cr**

Theoretical considerations and practical applications of management, operations and programs for health and fitness organizations. Begins with the planning, design, financing and construction of health and fitness facilities. Includes the hiring and organization of staff members, the development and marketing of special programs and the administration and finance of fitness organizations.



**442-490/690 WORKSHOP .5-6 cr**

Repeatable for a maximum of 9 credits in major/degree.

**442-492 FIELD STUDY 1-12 cr**

A course designed to increase the student's understanding of a specific area of recreation through involvement in an off-campus internship at a recognized Physical Education agency or business which is suited to the student's area of interest.

Repeatable.

Prereq: Jr or sr st and cons dept chp.

**442-494/694 SEMINAR 1-3 cr**

Repeatable.

Prereq: Jr or sr st and cons instr.

**442-496/696 SPECIAL STUDIES .5-3 cr**

Repeatable

**442-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 3 credits in major/degree. Department approval required. Restricted to students with a minimum 2.75 cumulative GPA.

**HEALTH EDUCATION (444)**

**444-181 CONTEMPORARY HEALTH 2 cr**

An investigation of health areas and behaviors as they relate to the college student.

**444-340 INTRODUCTION TO HEALTH ISSUES & SECONDARY HEALTH EDUCATION 3 cr**

An introduction to various health belief models and philosophies with particular emphasis on health education content at the secondary level.

**444-341/541 YOGA/STRESS REDUCTION 2 cr**

A course designed to help students and professionals learn to effectively handle stress through specific Yoga training and mind/body connections.

Prereq: Junior/Senior Status.

**444-360/560 HIGH LEVEL WELLNESS 3 cr**

A sensitization to, interpretation and evaluation of wellness as it relates to self, others and the environment with opportunities for personal wellness advancement. Areas include stress and relaxation training, health hazards that exist in behavior that tends to shorten life expectancy, nutrition and physical fitness.

Prereq: Jr st or cons instr.

**444-362/562 STRESS MANAGEMENT 3 cr**

The course explains what stress is, its various causes, and its effects. It helps develop a personal "Stress Profile" which enables the participants to pinpoint the specific sources and manifestations of stress and tension. The course shows how to combine biofeedback, relaxation techniques, exercise, diet, and other skills into an individualized "Stress Management System" that will help individuals feel healthier and cope better with daily pressure.

Prereq: Jr or above standing.

**444-370 CONFLICT RESOLUTION/DEALING WITH DIFFERENCES AND VIOLENCE IN K-12 1 cr**

The course will provide strategies for teaching conflict resolution and dealing with differences and violence in K-12 programs.

**444-382/582 ELEMENTARY HEALTH EDUCATION 2 cr**

Teaching and learning experiences in selected content areas of health education. Designed for the elementary teacher.

**444-391/591 NUTRITION AND WEIGHT CONTROL 3 cr**

The course is designed to help students plan, evaluate, and analyze weight control programs. Attention will also be given to nutrients, exercise, sport, and behavior modification techniques that promote holistic health relationships.

Prereq: Soph st.

**444-445/645 TEACHING HEALTH EDUCATION 3 cr**

A study of philosophy, trends and teaching-learning strategies. Emphasis will be placed on developing and utilizing models and strategies in health education.

Prereq: 444-340.

**444-465/665 HEALTH PROMOTION STRATEGIES 3 cr**

This course will focus on: 1) the development, implementation and evaluation of worksite health promotion programs, and 2) examination of the relationship of these programs to the organization as a whole and to the benefits for both the employee and employer.

Prereq: Junior or senior standing, or consent of instructor.

**444-490/690 WORKSHOP 1-6 cr**

Repeatable for a maximum of 6 credits in major/degree.

**444-492 FIELD STUDY: HEALTH 1-12 cr**

Studies designed to increase the student's understanding of specific areas of health through involvement in off-campus experiences such as elementary or secondary

schools, health volunteer agencies, or health maintenance organizations under the direction of department instructors.

Repeatable.

Prereq: Jr or sr st and cons instr.

**444-494/694 SEMINAR 1-3 cr**

Repeatable.

Prereq: Jr or sr st and cons instr.

**444-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable

**444-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 3 credits in major/degree.

Prereq: department consent. Restricted to students with a Health or Health Education minor and a 2.75 cumulative GPA.

**RECREATION/LEISURE STUDIES (446)**

**446-232 INTRODUCTION TO RECREATION AND LEISURE 2 cr**

An introduction to the field of recreation with class lecture and discussion on the historical, philosophical and theoretical aspects of leisure, recreation and play, as well as an overview of the recreation profession and its potential careers.

**446-334/534 RECREATION PROGRAMMING AND LEADERSHIP 3 cr**

Students learn processes involved in assessing recreation participants' needs, program development, goal setting, program implementation, and evaluation. Leadership theories are studied, and skills are enhanced through group process experiences and in-class activity leadership.

**446-360/560 AGING AND LEISURE 3 cr**

Examines conceptualizations of leisure and aging in the leisure and gerontological literature, examines the benefits of exercise for older persons, and the process of developing an exercise program for older persons as well as examining the benefits of other leisure areas such as the arts, education and outdoor recreation.

**446-391/591 OUTDOOR RECREATION LEADERSHIP 3 cr**

This course provides the fundamental knowledge, skills, and experience necessary to lead people in outdoor recreational activities. The course includes topics on trip planning, safety procedures, equipment and food logistics, leadership methods and expedition behavior for a variety of outdoor trip activities. The course also includes a 3 day outdoor trip experience.

**446-489/689 RECREATION ADMINISTRATION 3 cr**

A study of recreational management concepts in the areas of personnel management and facility operations, budgetary preparations, marketing concepts, public relation procedures, management policies development, and program services design.

**446-490/690 WORKSHOP IN RECREATION/LEISURE STUDIES 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree.

**446-492 FIELD STUDY: RECREATION 1-12 cr**

A course designed to increase the student's understanding of a specific area of recreation through involvement in an off-campus internship at a recognized recreational agency or business which is suited to the student's area of interest. Repeatable for a maximum of 12 credits in major/degree.

Prereq: Jr or sr st and cons dept chp.

**446-494/694 SEMINAR IN RECREATION/LEISURE STUDIES 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree.

Prereq: Jr or sr st and cons dept chp.

**446-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable for a maximum 6 credits in major/degree.

**446-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum 6 credits in major/degree.

Prereq: department consent. Restricted to students with a Recreation minor and a 2.75 cumulative GPA.

**COACHING (448)**

**448-100 WIAA COACHING CERTIFICATION: COACHING PRINCIPLES/SPORT FIRST AID 3 cr**

The course serves as the Wisconsin Interscholastic Athletic Association (WIAA) certified coaching course for students who are not seeking licensure in education. The course will develop a basic knowledge of sport first aid and coaching principles. This course does not count toward the coaching minor.

**448-240 INTRODUCTION TO COACHING 2 cr**

A course designed to introduce undergraduate students to the profession of coaching. The nature of the profession, qualifications, skills and issues relative to the profession will be explored.

**448-250 APPLICATION OF MECHANICAL PRINCIPLES TO COACHING 2 cr**

This course is designed as an introductory course to the fundamentals of movement.  
Prereq: 442-271 or 630-120 or 630-360

**448-255 CONDITIONING FOR INTERSCHOLASTIC SPORTS 2 cr**

This course is designed to give the student the knowledge needed to develop an agility, endurance, and strength program for all sports.

Prereq: 448-250

**448-256 PSYCHO-SOCIAL ASPECTS OF COACHING 2 cr**

A study of the social and psychological factors that impact athletic performance. Theoretical and applied perspectives will be explored from a coaching framework.

**448-260 HISTORY AND SOCIAL ASPECTS OF ATHLETICS 3 cr**

This course is designed to deal with the historical and sociological aspects of athletics as they pertain to every day living. Emphasis will be directed toward the social aspects and historical implications. Areas to be covered include those of socio-economic relationships, building athletics into an American heritage, industrial revolution, athletics and the school, and the future of athletics in our society.

**448-265 COACHING OF COMMUNITY SPONSORED 3 cr SPORTS**

Designed for men and women who wish to take part in the coaching of community sponsored sports. The role of community sponsored sports in the total picture of a young person's development, the organization and administration, and the actual coaching of community sponsored sports will be covered.

**448-350 COACHING FOOTBALL 2 cr**

An in-depth study of the game of football, and the coaching techniques that lead to a successful program. Special emphasis in the areas of building offenses and defenses, with a good hard look at related areas.

**448-351 COACHING OF BASKETBALL 2 cr**

This course is designed for those men and women who wish to become basketball coaches. The administration, organization, and management principles, as well as rules, techniques of individual and team play, strategy, psychology, and problems of coaching are pursued through lectures, discussions, practices, and demonstrations.

**448-352 COACHING OF BASEBALL 2 cr**

Primarily designed for men and women who wish to become baseball/softball coaches. The organization, psychology, coaching techniques, team selection

techniques, training program and fundamentals skills will be covered by lecture and demonstrations.

**448-353 COACHING OF TRACK AND FIELD 2 cr**

Primarily designed for men and women who wish to become track and field coaches. The organization, motivation, coaching techniques and training programs for each event will be covered by lecture and demonstration.

**448-356 COACHING OF WRESTLING 2 cr**

This course is designed to provide the knowledge and skills essential to the coaching of competitive wrestling.

**448-359 COACHING OF VOLLEYBALL 2 cr**

Primarily designed for men and women who seek advanced volleyball knowledge or wish to coach volleyball. Includes skill analysis, offensive and defensive strategy, plays, sociology and psychology of sport, organization, training, scouting and rules.

**448-360 COACHING OF SOCCER 2 cr**

This course is designed to provide the knowledge and skills essential to the coaching of competitive soccer.

Prereq: Cons instr or evidence of basic skills in soccer.

**448-361 COACHING OF SOFTBALL 2 cr**

This course will focus on building an understanding of the components necessary for successful coaching in the game of softball. Included will be the administration, development, implementation and evaluation of a softball program. Priority will be placed on actual coaching techniques and strategies. The course will examine the relationship of the coach to the athlete, the team and the community emphasizing the potential benefits to all those involved.

**448-460/660 ORGANIZATION AND ADMINISTRATION OF INTERSCHOLASTIC ATHLETICS 2 cr**

This course is designed for those individuals who wish to become athletic coaches or administrators. The organization and administration of an athletic program will be covered.

Prereq: 448-240, 448-250, 448-255, 448-256, 448-461/661, two credits in Coaching of courses: 448-350 thru 448-361

**448-461/661 PREVENTION AND CARE OF ATHLETIC INJURIES 2 cr**

This course is designed to give the student the knowledge needed to develop agility, endurance, and strength programs for all sports.

Prereq: 448-250 and 448-255

#### **448-462 THEORY AND TECHNIQUES OF OFFICIATING 2 cr**

This course is designed to acquaint the student with the rules and techniques of officiating team, individual and dual sports. The course will also help prepare the student for WIAA certification. Practical experience will be obtained through the University intramural and athletic programs and through city programs.

#### **448-463 CHILDREN AND SPORTS 3 cr**

Explore the historical perspective and the present controversy surrounding the involvement of children in competitive sport. Future directions for competitive sport for children will be a major focus.

#### **448-464 MANAGING ATHLETIC PRACTICE SESSIONS 2 cr**

This course is designed for the practitioner (coach) who wants to learn how to maximize the athletic potential of individuals. The course teaches the coach how to determine and rank behaviors that are needed for individuals to be successful in sport. The coach will also learn how to develop systematic reinforcement procedures through the use of drills and other contingencies. Coaches will also become familiar with observational techniques and problem solving strategies in sport.

Prereq: Psychology 840-211 or equiv and cons instr.

#### **448-465 ADVANCED ATHLETIC TRAINING 4 cr**

This course is designed for students seeking professional preparation in the areas of Athletic Training, Physical Therapy, and associated medical and/or allied health fields. This course fulfills the NATA mandate for advanced study in Athletic Training education. This course will deal with the pathophysiology of sports-related injuries, manual muscle testing and joint evaluation techniques, the role of physical fitness assessment, conditioning, and testing protocols, and the indications and contraindications of therapeutic modality use. Also considered will be the nutritional aspects of sports activities, the effects of alcohol/drugs on athletic performance, and injury risks to special athletic groups.

Prereq: 442-271 and 448-461.

#### **448-466 ASEP/NFICEP DRUGS AND SPORT 1 cr**

American Sport Education Program (ASEP) and National Federation Interscholastic Coaches Education Program (NFICA) certified course. The course explores the use and abuse of alcohol, tobacco and drugs within the athletic environment. Educational and prevention programming that is successful in realm of athletics will be examined. Students may attain the ASEP/NFICA Drug and Sport certification.

#### **448-467 ASEP/NFICEP CITIZENSHIP THROUGH SPORTS 1 cr**

American Sport Education Program (ASEP) and National Federation Interscholastic Coaches Education Program (NFICA) certified course. The course will explore the

role of sportsmanship, respect for opponents, ethics and the development of positive role models within the realm of athletics. Students may attain ASEP/NFICA Citizenship through Sports certification.

**448-470 PRACTICUM IN ATHLETIC TRAINING 1-4 cr**

A course designed to give the prospective student trainer actual experience in the training room, working with athletes.

Prereq: 448-461, 442-271, 442-281. May be retaken.

**448-490/690 WORKSHOP IN INTERCOLLEGIATE OR INTERSCHOLASTIC ATHLETICS 1-6 cr**

Repeatable for a maximum of 6 credits in major.

Prereq: Cons of adviser or dept. chp.

**448-492 FIELD STUDY IN COACHING 2-3 cr**

Field study in coaching provides undergraduate students with a supervised capstone experience in coaching. Students will be placed with department approved university/public/private/community teams/programs to obtain practical experience in the sport(s) of their choice. The site selection will be consistent with the professional objectives selected by the student.

Prereq: departmental approval required.

**448-496/696 SPECIAL STUDIES 1-4 cr**

**448-498 INDEPENDENT STUDY IN INTERCOLLEGIATE OR INTERSCHOLASTIC ATHLETICS 1-4 cr**

Repeatable for a maximum of 4 credits in major. Prereq: Cons of advisor or dept. chp.

**DIRECTED TEACHING (449)**

**449-411 DIRECTED TEACHING PHYSICAL EDUCATION-ELEMENTARY SCHOOL 1-12 cr**

Prereq: Restricted to students with professional education admission, 442-330/530, 442-340/540, 442-380-580, 442-492

**449-412 DIRECTED TEACHING PHYSICAL EDUCATION-MIDDLE SCHOOL 1-12 cr**

Prereq: Restricted to students with professional education admission, 442-330/530, 442-340/540, 442-380/580, 442-492

**449-414 DIRECTED TEACHING PHYSICAL EDUCATION-SECONDARY 1-12 cr**



Prereq: Restricted to students with professional education admission, 442-330/530, 442-340/540, 442-3380/580, 442-492

## **DEPARTMENT OF LEADERSHIP, MILITARY SCIENCE AND AEROSPACE STUDIES**

*Phone:* 262-472-1541

*E-Mail:* leadmsas@uwwvax.uww.edu

### *Faculty:*

*ARMY:* Kenneth B. Black (Co-Chairperson), Brenda D. Firari, Michael J. Laskowski, Charles J. Olsen.

*AIR FORCE:* Gregory D. Denney (Co-Chairperson), Erik J. Bruce, Todd J. Weyerstrass.

The Leadership, Military Science and Aerospace Studies Department offers an interdisciplinary study of leadership which is available to any student on a non-discriminatory basis and may be taken without incurring a military service obligation. Students may pursue one or both of the two departmental programs (I) LEADERSHIP MINOR, (II) COMMISSION in the US Army, Army Reserve or Army National Guard, or (III) COMMISSION in the US Air Force.

### **I. LEADERSHIP AND MILITARY SCIENCE MINOR**

This interdisciplinary minor is for students desiring instruction, practical experience and credentials in leadership. The courses studied provide students with the specialized leadership knowledge and training required to be a successful supervisor, manager or administrator and is universally applicable across a broad spectrum of professions. The two available options provide additional specialization for students with interests in either a civilian or military career. The completion of this program provides college students with a valuable minor and valuable credentials which are in high demand by future employers. Students enrolled in a business related major should definitely consider this complementary minor as a valuable credential for entry into their chosen career field.

### **Academic Eligibility**

No specific academic eligibility requirements exist for students who pursue a leadership minor. Students seeking an Army commission must have a minimum of two years remaining in their academic program - undergraduate or graduate.

### **MINOR - 21 CREDITS**

1. COMPLETE ONE GROUP OF COURSES FOR EITHER CIVILIAN LEADERSHIP, MILITARY LEADERSHIP- ARMY OR MILITARY LEADERSHIP-AIR FORCE
  - a. LEAD 450-210, 450-211, 450-220 AND 450-221
  - b. LEAD 450-310, 450-320 AND 450-420
  - c. LEAD 450-301, 450-302, 450-401 AND 450-402
2. 2. LEAD 450-410 AND PHIL 782-410
3. 3. SELECT 3 CREDITS FROM COURSES (BEHAVIORAL) PHIL 782-261, PSYC 840-211, SOC 880-140 OR INTR 940-246
4. 4. SELECT 3 CREDITS FROM COURSES (HISTORICAL) HIST 740-390, 740-392 AND 740-401
5. 5. SELECT 3 - 6 ELECTIVE CREDITS FROM COURSES MGNT 250-310, 250-419, 250-428, 250-486, EDFD 423-212, 423-483, LEAD 450-101, 450-102, 450-110, 450-111, 450-120, 450-121, 450-122, 450-123, 450-201, 450-202, 450-240, 450-311, 450-321, 450-330, 450-411, 450-420, 450-421, 450-440, SPCH 166-240, 166-242, 166-247, 166-327, HIST 740-307, PHIL 782-245, 782-281, RELG 786-351, PSCI 820-351, 820-421, PSYC 840-104, SOC 880-355 OR 880-380

### **UNIQUE MINOR REQUIREMENT - 3 CREDITS**

1. SELECT 3 CRED FROM COURSES B ED 220-353, ENGL 680-370 AND 680-372 RLS

## **II. COMMISSION**

### **Army**

The academic pursuit of a commission as an officer in the United States Army is accomplished simultaneously as students meet the prerequisites for a degree in the discipline of their choice; either undergraduate or graduate. The Army Reserve Officers' Training Corps (ROTC) offers a progressive leadership education program that combines challenging academic study and practical training experiences in the theories, concepts and principles of leadership.

Additional emphasis is also placed on organizational dynamics, resource management and ethical decision making. The completion of this departmental program prepares

the college student to receive a commission as a Second Lieutenant in the United States Army, Army Reserve or Army National Guard.

The commission program is generally divided into a two-year Basic Phase (freshman and sophomore) and a two-year Advanced Phase (junior and senior). Alternate means of completing the on-campus Basic Phase are available to students desiring to enter the program at the Advanced Phase level. Students seeking a commission will be provided administrative assistance and counseling guidance by a faculty adviser from the Department of Leadership, Military Science and Aerospace Studies.

Students must have a minimum of two years remaining in their academic program - undergraduate or graduate - to successfully complete the academic program for a commission. During this period of upper division courses the qualified students will have a contractual commitment between themselves and the United States Army. In exchange for participation in the program, a student will receive \$150 a month during the school year (up to \$1500 maximum) and approximately \$700 plus paid travel to attend the Advanced Leader Camp (450-440) normally conducted near Seattle, Washington, at Fort Lewis. In all, the student receives about \$3,700 during the two year advanced phase. Application for the Advance Phase should be initiated as early as possible by contacting the Department of Leadership, Military Science and Aerospace Studies, Room 111, Salisbury Hall.

### **Air Force**

Students may also pursue a commission as an officer in the United States Air Force while simultaneously satisfying the academic requirements of their major. The Air Force ROTC program combines its leadership and organizational education with practical experience in personnel and resource management. This marriage of training and application provides a challenging environment to prepare future officers with the skills they will need to succeed on Active Duty or, on occasion, in the Reserves or Air National Guard.

Participants in Air Force ROTC can potentially complete the program in as little as 2-1/2 years. Though no flight training is offered during ROTC, elements of their ROTC training will contribute directly to their competitiveness for selection as a pilot or navigator. Similarly, for those not interested in flying, their ROTC participation will allow them significant influence over their future options as an officer. All participants will attend a summer Field Training camp, typically between their Sophomore and Junior years. In addition, ROTC cadets can compete for a wide range of summer orientation programs, including parachute or glider training, "shadow"

programs at an actual Air Force installation, field trips, duty as an assistant instructor during a Field Training camp, etc.

During the final two years of the program participants will receive \$150 a month during the school year. In addition, up to \$3,500 in financial assistance for tuition, books and fees may be provided based on academic and ROTC performance. Travel pays and Field Training camps pay are in addition to these amounts. For more information and to apply for Air Force ROTC membership, individuals should stop by the Air Force offices in the Department of Leadership, Military Science and Aerospace Studies.

## **SCHOLARSHIPS**

The US Army ROTC scholarship student leads essentially the same life as other college students. They may pursue the academic degree of their choice and they carry a normal academic course load. However, unlike the normal college student, the Army ROTC scholarship student receives tuition, laboratory fees, on-campus educational fees, and a flat rate of \$225 a semester from which they may purchase textbooks, classroom supplies and equipment. Army ROTC scholarship winners also receive a tax-free subsistence allowance of \$150 a month for 10 months for each year that the scholarship is in effect. Scholarships at UW-Whitewater are worth approximately \$3,500 a year and they are available for 2, 3, and 4 year periods to both men and women. Scholarship recipients are required to enroll in the ROTC Program in order to receive financial benefits. Scholarship applications are available at Room 111, Salisbury Hall.

Similarly, the Air Force offers a series of scholarship incentives to participate in their commissioning program. Though some are aimed at technical fields, others address under-represented ethnic or racial groups in the Air Force, and others reinforce and recognize outstanding progress/participation in the program. Normal scholarships will cover the cost of tuition, books and certain fees up to \$7,500 per semester. Incentive scholarships are \$1,750 per semester (\$1,000 for tuition, \$250 for books/fees). In addition, scholarship winners and contract members in the last two years of training receive a payment of \$150 per month. For example, a cadet who receives an incentive scholarship for the last two years, coupled with the monthly allowance, would receive approximately \$3,850 dollars in financial assistance per year.

## **NATIONAL GUARD/ARMY RESERVE PROGRAM**

Qualified enlisted personnel currently serving in the US Army National Guard or US Army Reserve are permitted to simultaneously participate in the Advanced Course ROTC Officer Training program while enrolled as a full time student. Students participating in this program gain practical leadership experience while serving as a Cadet Officer Trainee with either the Army Reserve or National Guard. Both programs offer many financial benefits.

Though National Guard and Reserve members may participate in Air Force ROTC, prior to entry into their last two years of training they will be required to get a "Conditional Release" from them. For details on any ROTC program and eligibility requirements contact a representative in Salisbury Hall, Room 111.

## **450 COURSE DESCRIPTIONS**

### **450-101 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE I 1 cr**

Establishes introductory framework for understanding USAF organizational structure, core officership values, customs and courtesies, chain of command, rudiments of career benefits, and group leadership.

### **450-102 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE II 1 cr**

Continues building on framework for understanding USAF organizational structure, officership values, communicative skills, customs and courtesies, and Air Force missions.

Prereq: 450-101 and 450-201 (waiverable by dept. chairman under unusual circumstances with commitment to six (6) week field training encampment.)

### **450-110 INTRODUCTION TO MILITARY SCIENCE 2 cr**

An introductory study of leadership with emphasis on the role, development, authority, and professional knowledge required of an Army officer. The theoretical study is enhanced with practical leadership experience through the use of the military model and examining leadership application to the civilian management process. Classroom instruction includes hands on reinforcement of basic military skills.

Prereq: Restricted to Freshmen, Sophomore, Junior

### **450-111 LEADERSHIP LABORATORY 1 cr**

Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-110. Emphasis is on understanding group dynamics and increasing student expertise in communication and motivational skills.

In addition, basic military skills are learned and practiced in this two-hour lab once per week.

**450-120 INTRODUCTION TO LEADERSHIP 2 cr**

An introductory study of leadership with emphasis on communications, management, authority and responsibility. The theoretical study is enhanced with practical leadership experience through the use of the military model and examining leadership applications to the civilian management process.

Prereq: Restricted to Freshmen, Sophomore, Junior

**450-121 LEADERSHIP LABORATORY 1 cr**

Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-120. Emphasis is on understanding group dynamics and increasing student expertise in communication and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

**450-201 THE EVOLUTION OF US AIR AND SPACE POWER I 1 cr**

Establishes framework for understanding USAF history and development of air power; focuses on evolution of air power concepts and doctrine, and the role of technology in growth of airpower. Also, applies knowledge of both written and communicative skills.

Prereq: 450-101 and 450-102 (waiverable by dept. chairman with commitment to six (6) week field training encampment)

**450-202 THE EVOLUTION OF US AIR AND SPACE POWER II 1 cr**

Continues to build framework for understanding USAF organizational structure, core officership values, customs and courtesies, chain of command, and group leadership skills. Builds basic understanding of USAF communicative processes, both oral and written. Macro examination of aerospace doctrine, USAF mission, characteristics of offensive and defensive airpower as related to their historic application.

Prereq: 450-101 (waiverable).

**450-210 BASIC LEADERSHIP I 2 cr**

Students will develop abilities to analyze, evaluate and solve leadership problems. Emphasis is on the group dynamics associated with communication and motivational skills. Different leadership models and styles will be examined and discussed for practical application in both civilian and military careers.

**450-211 LEADERSHIP LABORATORY 1 cr**

Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-210. Emphasis is on understanding group

dynamics and increasing student expertise in communicational and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

**450-220 BASIC LEADERSHIP II 2 cr**

Continues the study of organizational leadership and the development of leadership skills. Emphasis is on examination of contemporary civilian and military leadership styles and methods, group dynamics, staff functions, management styles and techniques, and the development of interpersonal communicative skills.

Prereq: Restricted to Freshmen, Sophomore, Junior

**450-221 LEADERSHIP LABORATORY 1 cr**

Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-220. Emphasis is on understanding group dynamics and increasing student expertise in communicational and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

**450-224 MILITARY CONDITIONING II 1 cr**

An introductory study for men and women, of military calisthenics and conditioning designed to develop both individual fitness and the leadership skills essential to the management of an effective physical fitness program.

Repeatable.

Prereq: 440-187.

**450-240 LEADERSHIP CAMP 3 cr**

A six week summer practicum, conducted at an Army installation. Provides an opportunity for students to familiarize themselves with the military profession without any service obligation. Military and leadership skills are developed during this challenging experience which qualifies students for basic training and possible entry into the ROTC commissioning program. Students will receive travel, meals, lodging and will be paid while in attendance.

Prereq: cons dept chp.

**450-301 LEADERSHIP STUDIES I 3 cr**

Focuses on leadership and management fundamentals, leadership ethics and decision making. Introduces unique Air Force perspectives on quality management. Increases emphasis on communicative, group leadership, and counseling skills.

Prereq: Satisfactory completion of the General Military Course (GMC) or GMC-waiver which was contingent on attendance of a six (6) week field training encampment. The POC is not open to the general student population.

### **450-302 LEADERSHIP STUDIES II 3 cr**

Continues focus on leadership and management fundamentals, leadership ethics and decision making. Elaborates on unique ir Force perspectives on quality management. Increases emphasis on communicative, group leadership, and counseling skills.

Prereq: Satisfactory completion of the General Military Course (GMC) or GMC-waiver which was contingent on attendance of a six (6) week field training encampment, and 450-301.

### **450-310 ADVANCED LEADERSHIP 3 cr**

A study of leadership and management using the military model. Examines leadership and management theories and their effect on group dynamics. Emphasis on management, professional ethics, customs, courtesies, training techniques and the practical application of the principles of leadership doctrine.

Prereq: 450-220 or cons instr.

### **450-311 LEADERSHIP LABORATORY 1 cr**

Advanced leadership concepts and skills are applied in actual situations commencing at an intermediate level and progressing through higher management positions.

Increased emphasis on mentorship, group dynamics and management functions complements the instruction presented in 450-310. Meets two hours once per week.

### **450-320 ADVANCED LEADERSHIP 3 cr**

A study of tactical military leadership and management principles. Discussion and practical application of military principles and small units tactics. Emphasis on problem analysis, decision making and leadership. Provides the opportunity to develop individual potential and demonstrate leadership capability. Prepares the student to successfully negotiate 450-440.

Prereq: 450-310 or cons instr.

### **450-321 LEADERSHIP LABORATORY 1 cr**

Advanced leadership concepts and skills are applied in actual situations commencing at an intermediate level and progressing through higher management positions.

Increased emphasis on mentorship, group dynamics and management functions complements the instruction presented in 450-320. Meets two hours once per week.

### **450-330 LAND NAVIGATION 1 cr**

A study of the principles required to navigate using topographic maps. Emphasis is on developing student familiarity with geography, topography, and the use of land navigation instruments. The use of aerial photograph interpretation and concepts of map development will be examined. Classroom instruction is complemented with practical application field trips.

Prereq: Cons instr.



**740-390 AMERICAN MILITARY HISTORY 3 cr**

See History.

**740-392 HISTORY OF NATIONAL STRATEGY AND SECURITY POLICY DEVELOPMENT—1935 TO PRESENT 3 cr**

See History.

**450-401 NATIONAL SECURITY AFFAIRS 3 cr**

Examines the need for national security; analyzes the evolution and formulation of the American defense/national security policy and strategy; examines American concept of civilian control of the military; explores conflict management, alliances and regional security issues; enhances understanding of Air Force major command structure and joint responsibilities; expands focus on the Military as a profession and continues to refine communicative skills.

Prereq: Officer candidates must have successfully completed Field Training, the USAF sponsored and funded summer encampments typically held between the Sophomore and Junior year, or between the Junior and Senior year in exceptional cases. Successful completion of all AF ROTC AS300 coursework.

**450-402 PREPARATION FOR ACTIVE DUTY 3 cr**

Continues the examination of the need for national security; analyzes the evolution and formulation of the American defense/national security policy and strategy; examines the Uniform Code of Military Justice (UCMJ) and the military justice system; analyzes the Law of Armed Conflict; expands focus on the Military as a profession and continues to refine communicative skills.

Prereq: Officer candidates must have successfully completed Field Training (the USAF sponsored and funded summer encampments typically held between the Sophomore and Junior year, or between the Junior and Senior year in exceptional cases). Successful completion of the AF ROTC AS300 courses and 450-301. Cannot be taking a AS300 level AF ROTC course simultaneously.

**450-410 APPLIED LEADERSHIP 2-3 cr**

A study using the military model, in the theory and application of leadership excellence; emphasis is on leadership responsibilities for effective and efficient organizational development. Management expertise is reinforced through practical application of leadership doctrine. Leader effectiveness is enhanced through the study of professional obligations, ethics, supervisory skills, methods of evaluation and principles of leadership application.

Prereq: 450-320 or consent of instructor.

**450-411 LEADERSHIP LABORATORY 1 cr**

Advanced leadership concepts and skills are applied in actual situations commencing

at an intermediate level and progressing through higher management positions. Increased emphasis on mentorship, group dynamics and management functions complements the instruction presented in 450-410. Meets two hours once per week.

**450-420 APPLIED LEADERSHIP 3 cr**

A continuation of the study using a military model, in the theory and application of leadership excellence. Prepares the student to be an effective leader both in military and in civilian careers. Emphasis is on affecting organizational behavior, exercising professional ethics, personnel management and compliance with national and international judicial and political systems.

Prereq: 450-410 or cons instr.

**450-421 LEADERSHIP LABORATORY 1 cr**

Advanced leadership concepts and skills are applied in actual situations commencing at an intermediate level and progressing through higher management positions. Increased emphasis on mentorship, group dynamics and management functions complements the instruction presented in 450-420. Meets two hours once per week.

**450-440 ADVANCED LEADER CAMP 3 cr**

A six-week summer practicum in advanced leadership development and assessment. Emphasis is on problem analysis, decision making, planning, organizing, controlling and group dynamics. Students will experience both the stress and satisfaction of being a manager/leader in challenging positions of authority and responsibility.

Prereq: Cons dept chp.

**450-461 AFROTC LEADERSHIP LAB 0 cr**

Provides a structured environment within which commissioning candidates can demonstrate and fine tune leadership, management and professional officership skills. Cadets examine their own leadership/followership strengths and weaknesses through practical application.

Prereq: Application and acceptance into AFROTC membership.

**450-498 INDEPENDENT STUDY 1-3 cr**

Repeatable.

Prereq: Consent of department chairperson or instructor.

**DEPARTMENT OF SAFETY STUDIES**

*Phone:* 262-472-1117

*E-Mail:* [safety@uwwvax.uww.edu](mailto:safety@uwwvax.uww.edu)

*Faculty:* Subhi Abderrezaq, Deborah C. Bowen, Wayne Cole, Gregory N. Green (Chairperson), Robert Lepkowski, Leslie Reed, Alvaro Taveira, Mary Wagner, Treena Ward, Craig G. Wucivic, Roger Young.

Safety Studies encompasses the study of: Accident Prevention, Health Engineering Controls, Loss Control, Environmental Regulation, and Property Protection. The course of study deals with the management of risk to enhance the health, safety, and productivity of employees and an organization's compliance with the various governmental regulations.

Driver Education Licensure is part of the Safety Studies Department curriculum. This is a Department of Public Instruction approved program which provides current or potential licensed teachers an additional certification to teach driver's education. This is not a stand alone certification/licensure.

Introduction to Safety, Behavioral Aspects of Accident Prevention, and Alcohol and Other Drugs are useful and appropriate courses for all students in undergraduate studies, especially those in education. Industrial Accident Prevention is an appropriate course for students entering business and occupational professions.

## **DRIVER EDUCATION LICENSURE 15 - 17 credits**

Licensed elementary, junior high, or secondary school teachers in any subject area can become licensed to teach driver education if they complete these courses:

SFTY 460-251, 460-450/650, 460-455/655, 461-260, 461-461/661, 461-464.

## **MAJORS/EMPHASES**

Major Grade Point Average Requirement:

Students entering the safety program are Pre-Safety majors until they complete Introduction to Safety, Industrial Accident Prevention and the first semester of Chemistry with a minimum grade point average in these courses of 2.5.

GPA Requirements for Internship and to Graduate:

To obtain an internship and graduate the student must have a minimum 2.5 GPA in the major and as an overall college average.

Writing Proficiency Requirement:  
See chairperson for course(s) that satisfy this requirement.

## **OCCUPATIONAL SAFETY (BSE)**

### COLLEGE

1. SFTY 462-481
2. ECON 230-245 OR EDFD 424-482 OR MATH 760-230 OR 760-231

### PROFESSIONAL SEMESTER

1. SFTY 460-470
2. SELECT 12 CREDITS FROM COURSE SFTY 469-492

### MAJOR PRE-ADMISSION - 2.50 GPA REQUIRED

1. SFTY 460-251 AND 462-380 RLS
2. CHEM 640-102

### MAJOR - 50-52 CREDITS

1. SFTY 460-450, 460-453 AND 460-488
2. SFTY 462-380, 462-480, 462-483, 462-484 AND 462-485
3. CHEM 640-104
4. PHYS 800-130
5. BIOL 630-120 OR 630-360 OR HPER 442-271
6. SELECT 11 - 12 CRED FROM COURSES HPER 442-281, SFTY 460-381, 460-455, 462-382, 462-383, 462-457, 462-486, 462-487, 462-489, 463-420 AND CMDS 510-444
7. B ED 220-353 AND MGNT 250-306
8. SELECT 3 CRED FROM COURSES ECON 230-353, FNLW 240-446, MGNT 250-320, 250-430 AND 250-486

## **MINOR/EMPHASES**

## **SAFETY STUDIES - OCCUPATIONAL SAFETY EMPHASIS**

### **MINOR - 22 CREDITS**

1. SFTY 460-251
2. SFTY 462-380 AND 462-483
3. SELECT 13 ELECTIVE CRED FROM COURSES SFTY 460-381, 460-450, 460-453, 460-455, 461-466, 462-382, 462-484, 462-485, 462-486, 462-487 AND 463-472

## **460 COURSE DESCRIPTIONS**

Field trips may be required for any of the courses.

### **GENERAL (460)**

#### **460-251 INTRODUCTION TO SAFETY 3 cr**

Presents a systematic account of the foundations of safety to students with little previous knowledge of the subject. It presents the accident problem, philosophical implications, concepts of accident causation and countermeasures, and an overview of specific areas of safety concern: fire, water safety, traffic, disasters, etc.

#### **460-255 ALCOHOL AND OTHER DRUGS      *GI*      3 cr**

An investigation into the physiological, psychological and sociological problems presented by the use of alcohol and other drugs. Prevention and treatment programs will be examined. Other areas of study will include alcohol and traffic safety, alcohol and other drugs education and employee assistance programs.

#### **460-381/581 MOTOR FLEET SAFETY 3 cr**

An analysis of fleet safety problems and programs. Detailed study of the truck transportation industry, motor carrier responsibilities, federal regulations and safety supervision programs.

Prereq: 462-380 or cons instr.

#### **460-450/650 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION 3 cr**

Selected theories of accident causation and countermeasures are studied. Examination of physiological, medical, psychological, and sociological factors which influence behavior, and methods for modifying unsafe behavior.

Prereq: Soph st or cons instr.

**460-453/653 LEGAL ASPECTS IN SAFETY 3 cr**

An examination of federal and state laws with judicial interpretations having application to traffic, school, and occupational safety, and the liability of public officials. Problems such as teacher liability, professional liability, workers' compensation, insurance, and product safety laws will be dealt with in respect to their involvement with either industrial, school, or public liability.

Prereq: Jr st or cons instr.

**460-470 SEMINAR — SAFETY 2 cr**

This seminar will provide emphasis on independent study research and inquiry and an opportunity for discussion and evaluation of professional internship experiences.

Prereq: Department approval required. Concurrent enrollment in 469-492 and 2.50 GPA in major.

**460-488/688 ERGONOMICS 3 cr**

This course is intended to provide the student with basic introductory information concerning human information processing capabilities and limitations. Ergonomic strategies for preventing manual material handling, repetitive motion injury and ergonomic design and evaluation of man-machine systems will be included in the course.

Prereq: Cons instr.

**460-490/690 WORKSHOPS IN SAFETY EDUCATION 1-6 cr**

Repeatable three times for a maximum of 9 credits in major/degree. Prereq: Consent of instructor.

**460-491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**460-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable three times for a maximum of 9 credits in major/degree. Prereq: Consent of instructor.

**460-498 INDEPENDENT STUDY 1-4 cr**

May be retaken four times for a maximum of 4 credits in major/degree. Prereq: Consent of department. Restricted to students with Jr or Sr standing and majors, minors and licensure/certification candidates.

**TRAFFIC SAFETY (461)**

**461-260 BASIC TRAFFIC SAFETY 3 cr**

Presents the traffic problem in today's society with an overview of the concepts used

in traffic accident prevention. Human, vehicle, environmental and legal factors are studied in their relationship to the total problem.

**461-461/661 PROBLEMS AND MATERIALS OF DRIVER EDUCATION 3 cr**

Emphasis is placed on driver and traffic safety education professional issues and classroom curricular content, methods and resources. Organization and administration of the high school program will also be examined.

Prereq: 461-260 or cons instr.

**461-464 TECHNIQUES OF LABORATORY INSTRUCTION 1-5 cr**

A variable credit course designed to provide the student with the techniques of the in-car, simulation, and multiple car methods of laboratory instruction. Practical experience with beginning drivers will be arranged. Credit is determined by number of phases of laboratory instruction in which student participates.

Prereq: 461-461 or cons instr.

**INDUSTRIAL SAFETY (462 & 463)**

**462-380 INDUSTRIAL ACCIDENT PREVENTION 3 cr**

A combination of principles and practices designed to provide the student with a basis for understanding the nature of occupational accident prevention and loss reduction. The topics to be examined include legislative aspects, accident causation, strategies for minimizing injuries and losses, and sources of assistance in resolving safety and health problems.

**462-382/582 SAFETY IN THE CONSTRUCTION INDUSTRY 3 cr**

This course examines the practices and safety-related problems found in the construction industry. Administrative and organizational issues that impact construction safety programs are examined. Students will be introduced to specific problems and countermeasures for correction through lectures and field experiences. The course provides an overview of applicable OSHA and MSHA standards.

Prereq: 462-380 or consent of instructor.

**462-383/583 INTRODUCTION TO SECURITY 3 cr**

A study of the physical, personnel, and informational aspects of the security field. Concepts of these areas will be integrated with safety management concepts and will be discussed in relationship to industrial and business environments.

**462-457/657 PRINCIPLES OF OCCUPATIONAL EPIDEMIOLOGY 3 cr**

This course will introduce the principles of occupational epidemiology and discuss the application of these principles in the recognition, control and prevention of disease and injury. The course will review the etiology of various acute, chronic, infectious,

occupational and environmental diseases.

Prereq: 230-245 or 423-482 or 760-231

### **462-480/680 INDUSTRIAL HYGIENE INSTRUMENTATION 3 cr**

Occupational Safety students will gain a working knowledge of Industrial Hygiene and Safety equipment, which will aid them in recognizing, analyzing, and evaluating specific health hazards in industrial settings. Chemical, physical, biological and ergonomic hazards will be evaluated for potential hazards involving: noise, heat, cold, ionizing radiation, nonionizing radiation, ventilation, electrical illumination, hazardous atmospheres, and other related environments.

Prereq: CHEM 102 and CHEM 104 or one year of general college chemistry, SFTYIND 484 or con reg or cons instr.

### **462-481 ANALYSIS AND DESIGN FOR SAFETY IN INDUSTRIAL OPERATIONS 3 cr**

The course examines the need for an interpretation of occupational safety and health standards. Emphasis is placed on local, state, federal and association standards to numerous applications including materials handling and storage, powered industrial trucks, machine guarding, working with hot and cold metals, welding and cutting, electrical hazards and flammable and combustible liquids. Class visitations to selected industries will be scheduled to assist students in understanding industrial and plant processes and to recognize potential hazards.

Prereq: Senior status and 462-380

### **462-483/683 INDUSTRIAL SAFETY MANAGEMENT 3 cr**

Emphasis will be on the organizational and administrative problems that relate to an occupational accident prevention program. The course is especially designed for students majoring in the business related areas as well as teachers and future safety professionals who desire to emphasize an understanding of these management problems as well as some applicable solutions.

Prereq: 462-380 or cons instr.

### **462-484/684 INDUSTRIAL HYGIENE 3 cr**

An introduction to the science and art of industrial hygiene, including the chemical, physical, and biological agents which affect the health and safety of employees; the application of control measures for the various agents.

Prereq: BIOLOGY 120, PHYSICS 130, CHEM 102, CHEM 104 or cons instr.

### **462-485/685 FIRE PROTECTION/PREVENTION 3 cr**

Control of fire through study of building construction to prevent fire spread, occupancy-hazard relationships, exposure to and from adjacent occupancies, lifesaving aspects, and the development of professional knowledge of flammable



gases, liquids, combustible solids, dusts, chemicals, and explosives. Interpretation of appropriate codes will be covered.

Prereq: CHEM 102 and CHEM 104 or one year of general college chemistry or cons instr.

**462-486/686 SAFE HANDLING OF MATERIALS 3 cr**

Students will study the mechanical and manual safe handling of materials as major contributors to accident causation in industry. Using a systems safety approach, students will be exposed to personnel training and placement, equipment operation and maintenance, flow of materials, and the handling of hazardous materials.

Prereq: 462-380 or cons instr.

**462-487/687 PRODUCT SAFETY 3 cr**

An analysis of the trends of the product liability problem and the agencies regulating products. Special emphasis will be given to legal theories related to product liability and landmark litigation providing the basis for case law. A substantial portion of the course will be devoted to examining the elements of product safety programming.

Prereq: 462-380 or cons instr.

**462-489/689 CHEMICAL SAFETY 3 cr**

This course addresses OSHA, NFPA & ANSI standards as they relate to the use & storage of chemicals in the workplace. Standards to be covered are Process Safety Management of Highly Hazardous Chemicals, Hazardous Chemical Communication, Personal Protective Equipment Regulation, Laboratory Safety Standard, DOT Shipping Requirements, etc.

Prereq: CHEM 102 and CHEM 104 or one year of general college chemistry or cons instr.

**462-496/696 SPECIAL STUDIES 1-3 cr**

A course which offers study in special topics in safety which are not regularly included in the curriculum.

Repeatable for a maximum of 6 credits in degree.

**463-420/620 PRINCIPLES OF ENVIRONMENTAL SAFETY 3 cr**

This course addresses the U.S. Environmental Protection Agency regulations and the related responsibilities of the safety professional to insure compliance. Areas to be covered are: Safe Drinking Water Act, Storm Water Discharges, Hazardous Waste Disposal, Environmental Audits, Clean Air Act, etc.

Prereq: CHEM 102 and CHEM 104 or one year of general college chemistry and SFTYIND 380.

**PRACTICUM (469)**

### **469-492 FIELDWORK INTERNSHIP IN SAFETY 1-12 cr**

Offered on a satisfactory/no credit grade basis only. Internship students will be assigned to a company or governmental agency according to their interests to study in the field under the joint direction of the organization's Safety Manager and a University Supervisor. Students will be required to work with administrative and operational personnel at various levels. Written documentation of experiences will be required.

Repeatable two times for maximum of 12 credits in major/degree.

Prereq: Consent of Coordinator of Field Experiences and concurrent enrollment in 460-470 and 2.50 GPA in major.

## **DEPARTMENT OF SPECIAL EDUCATION**

*Phone:* 262-472-1106

*E-Mail:* [special@uwwvax.uww.edu](mailto:special@uwwvax.uww.edu)

*Faculty:* Nancy Amacher, Maureen Griffin, Nomsa Gwalla-Ogisi, Deborah Hall, Debra Heiss, Poonam Kumar, Richard Lombard (Chairperson), George Mischio, Paula Neville, Theresa Ochoa, Diane E. Ormsby, Ann Riall, Diana Rogers-Atkinson, Robin Warden.

Special Education prepares personnel to work with individuals who have a variety of disabilities. The program offers alternatives in preparing professional staff to serve different age groups ranging from infant/toddler/preschool through programs serving adolescents. Selection of sequences which emphasize varying degrees of disability from mild through severe profound are available.

## **MAJOR/EMPHASES**

Students majoring in special education are expected to meet Departmental Continuation Standards. These standards are designed to provide a wide range of experiences with children and adolescents with exceptionalities. Fulfillment of these experiences is an avenue to test your own attitudes toward working with disabled persons, as well as providing a background to complement and make the academic program more relevant. Students who do not complete the standards will need to meet with their adviser to discuss their extent of involvement.

1. You are expected to participate in a minimum of 20 hours of volunteer experience each semester with individuals with exceptionalities. Students enrolled in a special education course require such experiences during a specific semester, or are enrolled in directed teaching, are exempt from this standard. Assistance in locating an appropriate field experience site/program can be obtained from your adviser.
2. Participation in a student organization/group serving those with exceptionalities or an education association is expected. Some of these organizations are: SCEC, SAS, ACE, Best Buddies, In Education, and SWEA.
3. At least 15 credits of coursework in the Department of Special Education at this University is required prior to acceptance into Directed Teaching.

Writing Proficiency Requirement:

Requirement accomplished in several courses within the emphasis course sequence. Grades of Incomplete, D or F in special education courses (prefix 480 or 489) must be removed before the student can enroll in 489-411 (A-H) Directed Teaching.

## **SPECIAL EDUCATION EARLY CHILDHOOD EMPHASIS (BSE)**

### **LICENSURE - 37-38 CREDITS**

1. EDFD 423-222 OR 423-322
2. EDFD 420-243 OR 420-445
3. EDFD 424-424 AND C&I 432-361
4. C&I 434-321 OR 434-462 OR 430-215 OR 430-222
5. SPED 480-470 AND CMDS 510-355
6. SPED 489-411G
7. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410

### **MAJOR - 46-50 CREDITS**

1. SPED 480-205, 480-336, 480-458, 480-426 AND 480-240
2. SPED 480-320, 480-422, 480-423, 480-424, 480-461, 480-476, 480-323 AND 480-376
3. SELECT 3 - 6 CRED AS NEEDED FROM COURSES SPED 480-355, 480-356, 480-364, C&I 430-350 AND 434-475
4. SELECT 3 - 4 CRED FROM COURSES C&I 434-361, 430-215, 434-340 AND 430-425
5. SELECT 3 CRED FROM COURSE 489-492 IN CONSULTATION WITH ADVISER

## **SPECIAL EDUCATION EMOTIONAL/BEHAVIORAL DISORDERS K-9 EMPHASIS (BSE)**

### **LICENSURE - 39 CREDITS**

1. EDFD 423-212 OR 423-222 OR 423-481
2. EDFD 420-243 OR 420-445
3. C&I 432-460, 430-425, SPED 480-470, CMDS 510-355 AND LBMD 422-201
4. SPED 489-411C
5. EDFD 424-424 OR 424-425
6. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410

### **MAJOR - 36 CREDITS**

1. SPED 480-205, 480-336, 480-458, 480-406, 480-426 AND 480-466
2. SPED 480-355, 480-462 AND 480-460
3. SPED 480-471
4. SPED 480-478
5. SELECT 1 - 3 CRED FROM COURSE 489-492 IN CONSULTATION WITH ADVISER

## **SPECIAL EDUCATION EMOTIONAL/BEHAVIORAL DISORDERS 6-12 EMPHASIS (BSE)**

### **LICENSURE - 39 CREDITS**

1. EDFD 423-212 OR 423-478 OR 423-481
2. EDFD 420-243 OR 420-445
3. C&I 432-460, SPED 480-470 AND LBMD 422-201
4. C&I 430-425 OR 437-428
5. SPED 489-411D
6. CMDS 510-355
7. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410
8. EDFD 424-424 OR 424-425

### **MAJOR - 36 CREDITS**

1. SPED 480-205, 480-336, 480-458, 480-406, 480-426 AND 480-466
2. SPED 480-355, 480-462 AND 480-460
3. SPED 480-472
4. SPED 480-479

5. SELECT 3 CRED FROM COURSE 489-492 CONSULTATION WITH ADVISER

## **SPECIAL EDUCATION LEARNING DISABILITIES K-9 EMPHASIS (BSE)**

### **LICENSURE - 39 CREDITS**

1. EDFD 423-212 OR 423-222 OR 423-481
2. EDFD 420-243 OR 420-445
3. SPED 480-470, CMDS 510-355 AND LBMD 422-201
4. SPED 489-411E
5. C&I 432-460 AND 430-425
6. EDFD 424-424 OR 424-425
7. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410

### **1ST MAJ - SPEC ED LRN DIS K-9 - 35 CREDITS**

1. SPED 480-205, 480-336, 480-458, 480-406, 480-426, 480-466 AND 480-481
2. SPED 480-364, 480-462 AND C&I 437-466
3. SPED 480-478
4. SELECT 3 CRED FROM COURSE 489-492 IN CONSULTATION WITH ADVISER

## **SPECIAL EDUCATION LEARNING DISABILITIES 6-12 EMPHASIS (BSE)**

### **LICENSURE - 39 CREDITS**

1. EDFD 423-212 OR 423-478 OR 423-481
2. EDFD 420-243 OR 420-445
3. SPED 480-470, CMDS 510-355 AND LBMD 422-201
4. SPED 489-411F
5. C&I 430-425 OR 437-428
6. C&I 432-460 OR 437-466
7. EDFD 424-424 OR 424-425
8. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410

### **1ST MAJ - SPEC ED LRN DS 6-12 - 35 CREDITS**

1. SPED 480-205, 480-336, 480-458, 480-406, 480-426, 480-466 AND 480-481
2. SPED 480-364, 480-462 AND C&I 437-466
3. SPED 480-479
4. SELECT 3 CRED FROM COURSE 489-492 IN CONSULTATION WITH ADVISER

## **SPECIAL EDUCATION COGNITIVE DISABILITIES ELEMENTARY EMPHASIS (BSE)**

### **LICENSURE - 42 CREDITS**

1. EDFD 420-243
2. EDFD 423-222 OR 423 481
3. LBMD 422-201, EDFD 424-424, C&I 430-425, 432-360, 432-461
4. SPED 480-470 AND 489-411A
5. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410
6. CMDS 510-355

### **MAJOR - 39 CREDITS**

1. SPED 480-205, 480-336, 480-458, 480-426, 480-466
2. SPED 480-356, 480-376, 480-406, 480-457, 480-462, 480-465, 480-476 AND 489-492

## **SPECIAL EDUCATION COGNITIVE DISABILITIES SECONDARY EMPHASIS (BSE)**

### **LICENSURE - 42 CREDITS**

1. EDFD 420-243
2. EDFD 423-212 OR 423-478 OR 423-481
3. LBMD 422-201, EDFD 424-425, C&I 430-425, 432-360, 432-461
4. SPED 480-470 AND 489-411B
5. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410
6. CMDS 510-355

### **MAJOR - 39 CREDITS**

1. SPED 480-205, 480-336, 480-458, 480-426, AND 480-466
2. SPED 480-356, 480-376, 480-406, 480-459, 480-462, 480-465, 480-476 AND 489-492

## **MINOR**

### **SPECIAL EDUCATION - NON-LICENSURE**

## **MINOR - 24 CREDITS**

1. SPED 480-458, 480-426 AND 480-466
2. SELECT 3 CRED FROM COURSE SPED 489-492
3. SELECT 6 CRED FROM COURSES SPED 480-320, 480-355, 480-356 AND 480-364
4. SELECT 6 CRED FROM COURSES SPED 480-240, 480-340, 480-323, 480-336, 480-406, 480-422, 480-423, 480-425, 480-428, 480-457, 480-459, 480-461, 480-462, 480-471, 480-472, 480-478, 480-479, 480-481

## **480 COURSE DESCRIPTIONS**

### **SPECIAL EDUCATION (480)**

#### **480-201 DISABILITY IN SOCIETY 3 cr**

A study of the social construction of disability. The course focuses on the political and cultural context of disability. Particular attention is given to the issues of perception, mobility, accessibility, distribution of bio-resources, and the human condition as well as a process to assist individuals achieve comfortable, authentic, and more equal relationships with persons with disabilities.

#### **480-205 PSYCHOLOGY OF THE EXCEPTIONAL CHILD 3 cr**

A survey course designed to familiarize students with the psychological, physiological and educational problems which confront persons who are cognitively disabled, gifted, emotionally disturbed, speech impaired, auditorily impaired, visually impaired, orthopedically and neurologically impaired.

#### **480-240 MANUAL COMMUNICATION 1 cr**

Offered on a satisfactory/no credit basis only. Designed to provide the student with basic knowledge of manual communication techniques including finger spelling and basic signing.

#### **480-320/520 INTRODUCTION TO THE EDUCATION OF YOUNG CHILDREN WITH EXCEPTIONAL EDUCATIONAL NEEDS 3 cr**

Designed for persons interested in the education of infants/toddlers and preschoolers. Causes of disabling conditions are reviewed and early intervention programs studied. Parent training and family involvement rationale and techniques are also examined. Prereq: 480-205/721, 423-222 or 423-322 or consent of instructor. Restricted to students with professional ed admission.

**480-336/536 MANAGING THE CLASSROOM BEHAVIORAL PROBLEMS OF EXCEPTIONAL CHILDREN 3 cr**

Introduction to models, methods, and materials for effectively managing behavior problems of learners with disabilities. Development of skills to: manage classroom behaviors that are counter productive to learning, facilitate positive interpersonal behaviors, and structure the instructional environment to produce desirable consequences.

Prereq: 480-205. Restricted to students with professional ed admission.

**480-355/555 INTRODUCTION TO EMOTIONAL/BEHAVIORAL DISORDERS 3 cr**

A basic survey of behavioral and emotional disorders in children. Specific techniques and approaches in handling these problems in a classroom, the psychological role of the teacher and aspects of working with parents of disturbed children are discussed.

Prereq: 480-205/721 or consent of instructor. Restricted to students with professional ed admission.

**480-356/556 INTRODUCTION TO COGNITIVE DISABILITIES 3 cr**

An introductory course which provides current and historical perspectives of the field of cognitive disabilities. Emphasis is placed on the educational, social, psychological, vocational and medical aspects of the problem.

Prereq: 3 Special Education credits or consent of instructor. Restricted to students with professional ed admission.

**480-364/564 INTRODUCTION TO LEARNING DISABILITIES 3 cr**

Provides the basic theoretical and practical approaches to the identification and treatment of learning and language disorders. Identifies the major theoretical and conceptual approaches as well as the current issues in the field of learning disabilities.

Prereq: 480-205 and jr or senior standing or consent of instructor. Restricted to students with professional ed admission.

**480-376/576 MEDICAL ASPECTS OF DISABILITY 3 cr**

Study of the medical, physiological, neurological, physical, developmental, and sensory characteristics of persons with physical or medical conditions which impact educational programming. Emphasis on the etiology and implications of genetic, prenatal and acquired causes of disabilities including cerebral palsy, genetic syndromes, medical fragility, technology dependency, AIDS, and perinatal drug exposure. Interdisciplinary approaches to services provided for persons with complex attendance needs are addressed.

Prereq: 6 credits Special Education or consent of instructor. Restricted to students with professional ed admission.



**480-406/606 CAREER/VOCATIONAL PROGRAMMING FOR EXCEPTIONAL EDUCATIONAL NEEDS 3 cr**

Identification of specific strategies for overcoming attitudinal and technical barriers to vocational mainstreaming of special needs students. Content includes values clarification, vocational assessment, vocational IEP development, and elementary and secondary vocational models in delivering appropriate vocational services to EEN students. Content covers grades K-12.

Prereq: 480-205/721 and (480-355/555 or 480-356/556 or 480-364/564). Restricted to students with professional ed admission.

**480-422/622 CURRICULUM METHODS AND ADMINISTERING EC:EEN PROGRAMS 3 cr**

Exploration of early intervention services for young children with special needs, best practices for programming for 3 to 6 years olds with emphasis on curriculum and program implementation across developmental domains, methods of intervention for the whole child, and administering a multidisciplinary program. Identification of management responsibilities to include coordination of staff and services, transition practices, and program accountability. Students are required to participate in supervised fieldwork activities.

Prereq: 480-320/520. Restricted to students with professional ed admission.

**480-423/623 WORKING WITH INFANTS/TODDLERS WITH SPECIAL NEEDS AND WITH THEIR FAMILIES 3 cr**

For students who are interested in providing services to infants and toddlers with special needs. Course content will examine legislative basis of services to the birth to 3 population, screening and assessment procedures, eligibility criteria for service delivery, and interagency and team collaboration styles. Students will also learn methods of curriculum design and implementation, evaluation of materials and resources and program delivery systems.

Prereq: 480-320/520. Restricted to students with professional ed admission.

**480-424/624 FAMILY FOCUSED INTERVENTION 3 cr**

Identification of skills and techniques needed to work with families of children with special needs in infant, toddler and preschool programs will be addressed. Family dynamics are analyzed with attention given to various stages parents experience in relationship to their child and overall family situation. Specific attention is given to communicating with families, conducting family needs assessments, and working with, and advocating for, parents with special needs. Opportunities to advocate for and work directly with infants, parents and families are provided.

Prereq: 480-320/520 and 480-423/623 or taken concurrently. Restricted to students with professional ed admission.

**480-425/625 INTRODUCTION TO GIFTED EDUCATION 3 cr**

A survey of the definitions and measures of creativity and intellectual pursuits, extraordinary products and an examination of the genetic, environmental and social factors that develop and maintain gifted humans.

Prereq: Jr/Sr st. Restricted to students with professional ed admission.

**480-426/626 INTRODUCTION TO INDIVIDUAL DIAGNOSTIC ASSESSMENT OF EXCEPTIONAL EDUCATIONAL NEEDS 3 cr**

A core course providing an overview of educational assessment and diagnosis of those with disabilities. Emphasis is placed upon testing for IEP development, the teaching and implications of the educational evaluation for multidisciplinary team decision making.

Prereq: SPECFLD 205 and EDFNDPRC 210. Restricted to students with professional ed admission.

**480-457/657 ELEMENTARY CURRICULUM/METHODS COGNITIVE DISABILITIES-ACADEMIC 3 cr**

Designed to provide the prospective teacher of elementary age students with mild or moderate mental retardation (cognitive disability) with the basic knowledge concerning the educational characteristics of these students, general teaching strategies, organization of classroom/schedule, inclusive practices, and curricular methods and materials.

Prereq: 480-356/556. Restricted to students with professional ed admission.

**480-458/658 COLLABORATION FOR EFFECTIVE INSTRUCTION 3 cr**

This course develops student's skills and understanding of the laws pertaining to students with disabilities, writing individualized instructional plans, inclusion, collaboration and school-based team membership, and adaptation and modifications of instruction. Students also develop their personal philosophy of education including beliefs about teachers, students, diversity, community, inclusion, etc. and a profile of their role as a team member through the use of a variety of self-assessment tools and the use of a cooperative learning structure (base teams) for the course.

Prereq: 480-205, 480-336, 480-406, 480-426, 480-466

**480-459/659 SECONDARY CURRICULUM/METHODS COGNITIVE DISABILITIES-ACADEMICS 3 cr**

A course designed for professionals working with adolescent students with mild/moderate mental retardation (cognitive disabilities). Emphasis is on organization, curriculum, methods, work adjustment transition, and vocational approaches appropriate for a high school special education class and work-study program.

Prereq: 480-356/556. Restricted to students with professional ed admission.

**480-460/660 EDUCATION OF STUDENTS WITH SEVERE EMOTIONAL/BEHAVIORAL DISORDERS 3 cr**

An examination of techniques associated with working with individuals with psychotic conditions and other severe disturbances. Consideration is given to teaching techniques, curriculum and materials in a variety of school and residential settings.

Prereq: 480-355/555 or consent of instructor. Restricted to students with professional ed admission.

**480-461/661 EDUCATIONAL DIAGNOSIS AND ASSESSMENT OF EC:EEN AND SPH 3 cr**

Focuses on the specialized assessment practices for young children with disabilities and those with severe disabilities. Context includes development of skills to administer diagnostic-prescriptive instruments and how to use assessment information in developing Individual Education Plans (IEPs), and how to present evaluative data to a multidisciplinary team.

Prereq: 480-320/520 and 480-426/626 or taken concurrently. Restricted to students with professional ed admission.

**480-462/662 EDUCATIONAL DIAGNOSIS AND ASSESSMENT IN LD, E/BD, CD 3 cr**

A course to develop advanced diagnostic skills for elementary through secondary mild/moderate disabled (LD, ED, MR) individuals. Particular emphasis is placed upon the assessment of cognitive, academic, developmental and behavioral skills that affect classroom performance. The application of advanced trend analysis and data synthesis techniques for special education placement and program planning is stressed and current issues and trends are discussed.

Prereq: 480-426/626. Restricted to students with professional ed admission.

**480-465/665 CURRICULUM/METHODS COGNITIVE DISABILITIES-FUNCTIONAL 3 cr**

For persons who will be working with individuals who have moderate and/or severe disabilities. Provides methods, strategies and techniques in assessment, curriculum development, program design, instructional strategies, material development, and community transition for the population with moderate disabilities. A major focus will be on all aspects of functional programs across home, school, community and vocational environments.

Prereq: 480-356/556 or cons instr. and coreq: 480-476/676 (CD emphasis only). Restricted to students with professional ed admission.

**480-466/666 WORKING WITH PARENTS OF EXCEPTIONAL CHILDREN AND COMMUNITY AGENCIES 3 cr**

Provides insight into the adjustment problems of individuals with disabilities in the

home and school environments. Particular emphasis upon consultation and supportive skills to aid the person and their parents in dealing with school or agency personnel and programs.

Prereq: 480-205/721, junior or senior standing or consent of instructor. Restricted to students with professional ed admission.

#### **480-470 STUDENT TEACHING SEMINAR 2 cr**

The seminar provides a meaningful capstone experience for student teachers during their professional teaching semester. Current research, issues, and strategies specific to the field of special education and the teaching professional are presented.

Coreq: Directed Teaching. Restricted to students with professional ed admission.

#### **480-471/671 CURRICULUM AND METHODS IN EMOTIONAL/BEHAVIORAL DISORDERS (E/BD)- ELEMENTARY 3 cr**

Designed to prepare educators to teach children with emotional disturbances in elementary schools. Theoretical approaches and management strategies specific to the needs of these children will be presented, and curriculum and programming pertinent to this disability is emphasized.

Prereq: 480-355/555, 480-336/536 and 480-426/626. Restricted to students with professional ed admission.

#### **480-472/672 CURRICULUM AND METHODS IN EMOTIONAL/BEHAVIORAL DISORDERS (E/BD)- SECONDARY 3 cr**

Designed to prepare educators to teach adolescents with emotional disturbances in secondary schools. Theoretical approaches, management strategies and curriculum that promotes social/emotional/behavioral development and management is emphasized.

Prereq: 480-355/555, 480-426/626, 480-336/536 or consent of instructor. Restricted to students with professional ed admission.

#### **480-476/676 CURRICULUM, METHODS AND MATERIALS FOR THOSE WITH MULTIPLE DISABILITIES 3 cr**

For persons interested in acquiring specialized techniques and strategies in the care, instruction, programming, and management of individuals with physical, motor, medical, cognitive, communicative and/or behavioral disabilities. Specific information on positioning, physical handling, feeding facilitation, augmentative communication, sensory integration, adaptive switches, medication therapy and life skills development for the person with severe and profound disabilities. Emphasis is on functional skills.

Prereq: 480-376/576 or consent of instructor and coreq: 480-465/665 (CD emphasis only). Restricted to students with professional ed admission.

**480-478/678 CURRICULUM AND METHODS IN LEARNING  
DISABILITIES-ELEMENTARY 3 cr**

Designed to prepare educators to teach elementary level learning disabled children. Remediation strategies, programs, and techniques appropriate to this level will be reviewed and demonstrated. Emphasis is on programming based upon an educational diagnosis.

Prereq: 480-426/626 and 480-355/555 or 480-364/564. Restricted to students with professional ed admission.

**480-479/679 CURRICULUM AND METHODS IN LEARNING  
DISABILITIES-SECONDARY 3 cr**

Designed to prepare educators to teach secondary level learning disabled students. Theoretical models and intervention strategies designed to promote basic skills acquisition and generalization of basic skills needed to perform in secondary level content area programs is reviewed and demonstrated. Comprehensive educational planning for secondary LD students based on diagnostic findings and adult life roles is emphasized.

Prereq: 480-426/626 and 480-364/564 or 480-355/555. Restricted to students with professional ed admission.

**480-481/681 REMEDIATION OF WRITTEN LANGUAGE DISORDERS 2 cr**

The course examines writing instruction for individuals with disabilities using a language interaction approach to teaching and learning. Assessment and intervention based on the conceptual and linguistic skills of the student in relationship to the conceptual and linguistic demands of specific writing tasks are presented.

Prereq: 480-426/626 and 510-355/555 or consent of instructor. Restricted to students with professional ed admission.

**480-489/689 EMPLOYMENT STRATEGIES 1 cr**

Offered on a satisfactory/no credit grade basis only. Designed to acquaint the teacher education student with the problems and procedures of securing a teaching position. Includes consideration of professional ethics, preparation of placement credentials, teacher licensure practices, interviewing techniques and teaching contracts. Reviews opportunities for professional advancement through graduate study. (Open to teacher education students. Should be taken the semester prior to graduation or the semester of graduation.)

Unreq: 430-489/689.

**480-490/690 WORKSHOP 1-10 cr**

Repeatable for a maximum of 12 credits in major.

**480-491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**480-494/694 SEMINAR - SPECIAL EDUCATION 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**480-496/696 SPECIAL STUDIES 1-4 cr**

Repeatable for a maximum of 12 credits in major.

Prereq: 480 205 or consent of instructor.

**480-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 9 credits in degree. Prereq: Consent of instructor.

**PRACTICUM (489)**

**489-410 GENERAL EDUCATION FIELD EXPERIENCES 3 cr**

Students seeking licensure in Special Education will complete a 150 hour assignment in a general education classroom where inclusionary practices for individuals with special needs are applied. The field experience provides opportunities to become familiar with the range of students' abilities; curricular focus; achievement expectations; enhancements, adaptations, and modifications of instruction; and collaborative practices of general and special educators.

Prereq: To be taken concurrently with 430-425, 432-360, 432-361, 432-460 or 437-466 and 480-458.

**489-411[A-G] DIRECTED TEACHING 3-12 cr**

Offered on a satisfactory/no credit basis only. Professional laboratory, classroom, or center based experiences under the guidance of carefully selected, qualified cooperating teachers in classrooms in area school districts or other approved sites. Repeatable.

Prereq: Sr st, completion of basic requirements on students APR and admission to professional education. Grades of Inc., D or F in special education courses (prefix 480 or 489) must be removed before the student can enroll in this course.

**489-492 FIELD STUDY - SPECIAL EDUCATION 1-12 cr**

Designed to give the student experience in working with exceptional educational needs individuals in such settings as classrooms, clinical settings, institutions, sheltered workshop and other community agencies.

Repeatable for a maximum of 12 credits in major/degree. Prereq: Consent of instructor. Restricted to students with professional ed admission.

## THE COLLEGE OF LETTERS AND SCIENCES

*Phone:* 262-472-1621

*E-Mail:* letterssci@uwwvax.uww.edu

Howard Ross, Dean

Mary Pinkerton, Associate Dean

Larry Schuetz, Assistant Dean and Coordinator of General Education

Debra Heiber, Director of Undeclared Advising and College Advising Coordinator

## **DEPARTMENT CHAIRPERSONS**

Biological Sciences

Lance Urven

Chemistry

Philip Johns

Geography

John Patterson

History

Steven B. Karges

Mathematics and Computer Science

Dieudonne Phanord

Languages and Literatures

John Fallon

Philosophy/Religious Studies

Andrea Nye

Physics

Paul Rybski

Political Science

John Kozlowicz

Psychology

Greg Cook

Social Work

Janet Wright

Sociology

Lanny A. Neider  
Women's Studies  
Star Olderman

## **PROGRAM COORDINATORS**

Race and Ethnic Cultures

Eugene Grigsby

Criminal Justice

Ronald Berger

Geology

Frank Luther

International Studies

Paul Adogamhe

Management Computer Systems

Robert Horton

Public Policy and Administration

Susan Johnson

The College of Letters and Sciences seeks to assist you in developing the knowledge, understanding, skills, and appreciation which will enable you to live a rich, full life as well as succeed in your chosen profession. A background of study in the liberal arts is the distinguishing characteristic of the university graduate. Whatever your vocational aspiration, your liberal arts study will heighten your potential for personal and professional development. The major and minor programs of study within the College of Letters and Sciences build upon this liberal arts background and assist you in developing in-depth understanding of your chosen field of study.

## **MAJORS AND MINORS**

The College of Letters and Sciences offers the Bachelor of Arts and the Bachelor of Science degrees, with majors in the following areas:

Biology

Management Computer Systems



|   |                                  |
|---|----------------------------------|
| Chemistry   | Mathematics                      |
| Economics   | Physics                          |
| English   | Political Science                |
| French  | Psychology                       |
| Geography   | Public Policy and Administration |
| German  | Social Work                      |
| History   | Sociology                        |
| Individually Designed Major Criminal Justice Emphasis Spanish |                                  |
| Integrated Science-Business                                   | Women's Studies                  |
| International Studies   |                                  |

Letters and Sciences majors may choose a minor from most of the areas listed above, or from the following:

|                              |                                   |
|------------------------------|-----------------------------------|
| Art                          | Journalism                        |
| Art History                  | Latin American Studies            |
| Art Management               | Legal Studies                     |
| Asian Studies                | Library Media                     |
| Coaching                     | Music                             |
| Communicative Disorders      | Philosophy                        |
| Computer Science             | Physical Science                  |
| Criminal Justice             | Public Administration             |
| Dance                        | Race and Ethnic Cultures          |
| Environmental Studies        | Recreation Leisure Studies        |
| English as a Second Language | Safety                            |
| Geology                      | Special Education - Non-licensure |
| Gerontology                  | Speech                            |

Health

Theatre

Individualized Minor

Urban and Area Development

International Studies

Women's Studies

Certificate Program in Paralegal Studies

### Professional Minor in Business Studies:

This minor is designed for students who wish to combine a liberal arts education with preparation for a career in some area of business. Nine areas of emphasis are available:

Accounting

Management Human Resources

Business Law

Management Production

Finance

Marketing

General Business

Office Systems

Management General

Majors in these areas are not available through the College of Letters and Sciences degree programs.

## **LETTERS AND SCIENCES BACHELOR OF ARTS OR BACHELOR OF SCIENCE WITH TEACHING LICENSURE**

If you are working toward the Bachelor of Arts or Bachelor of Science degrees in the College of Letters and Sciences and also wish to be licensed to teach, you must fulfill all the requirements for the appropriate degree. In addition, you must complete all the requirements for licensure. Confer with the Director of Licensure in the College of Education during your freshman year if you are interested in this option.

## **PRE-PROFESSIONAL CURRICULA**

*E-Mail:* [preprof@uwwvax.uww.edu](mailto:preprof@uwwvax.uww.edu)

Chiropractic

Steven Anderson, Chemistry

Dentistry

Michael Woller, Biology

Engineering

Hugo Tscharnack, Physics

Law

John Kozlowicz, Political Science

Medicine

Lance Urven, Biology

Optometry

Kenneth Menningen, Physics

Pharmacy

Philip Johns, Chemistry

Veterinary Medicine

Lauren Wentz, Biology

UW-Whitewater offers opportunities for you to obtain pre-professional work in a number of fields. In some areas, such as law and medicine, you will complete the Bachelor of Arts degree or Bachelor of Science degree before being admitted to a professional school. Other pre-professional programs at UW-W provide one, two or three years of study for students who will then transfer to a professional school. While at UW-W you will be obtaining a well-rounded liberal education recommended by professional schools in addition to introductory courses in your professional area.

If you transfer to a professional school at the conclusion of your junior year, you may have a part of your work in the professional school applied toward completion of the bachelor's degree at UW-Whitewater. Details must be worked out with the Dean of the College of Letters and Sciences prior to your junior year.

As a student in a pre-professional curriculum you will be assigned to a faculty adviser who is familiar with the requirements for admission to professional schools in your area of interest. If you have chosen a specific professional school, your adviser will help you to develop a program which meets the requirements of the institution to which you plan to apply. If you have not decided on a professional school, your adviser will help you develop a flexible program while aiding you in the search for a school to meet your needs. In Pre-Engineering, UW-W has a transfer agreement with UW-Platteville whereby students who perform satisfactorily may be automatically accepted into its Engineering program (contact a Pre-Engineering adviser for details).

Every effort is made to assist you in your admission to the professional school of your choice; however, you should be aware that admission to some programs is

extremely competitive and whether or not you are admitted will depend upon your academic record and your scores on admissions tests.

For further information on the pre-professional curriculums available at UW-W please contact one of the advisers listed above.

## **INDIVIDUALIZED OPPORTUNITIES WITHIN THE CURRICULUM**

**Individually Designed Major.** If you wish to focus your study on a topic or problem area which falls outside the limits of the traditional major programs, you, together with your adviser, may design your own individually designed major. This individualized major permits an integration of the courses and programs offered by the University. For details and requirements of this major see Index.

**Individually Designed Minor.** The individualized minor can help you meet educational goals which cannot be met by the conventional minor programs. You can plan your own minor consisting of courses in areas related to your goals. See Index for details and requirements.

## **HONORARY FRATERNITIES**

Alpha Delta Mu is a national social work honor society which encourages and recognizes superior scholarship in social work education. Membership is based on overall grade point average and is open to juniors and seniors who have earned at least six credits in social work courses.

Alpha Kappa Delta is a national sociology honor society. The ETA of Wisconsin chapter was established at UW-Whitewater in 1970. AKD is an organization dedicated to the scientific study of social phenomena for the promotion of human welfare. To be eligible for membership, individuals must have completed at least 10 credits in sociology, be at least junior standing, and have earned a minimum grade point average of 3.00 in all sociology courses and have a minimum 3.00 GPA overall.

Beta Beta Beta, national honorary biological society, was established at Whitewater in 1960. Beta Beta Beta seeks to encourage scholarly attainment in this field of learning by reserving its membership for those who achieve superior academic accomplishments and who indicate special aptitude for the subject of biology.

Gamma Theta Upsilon is an international geographical honor society. Gamma Upsilon chapter of the society was established at UW-Whitewater in 1965. The primary function of the society is to further professional interest in geography by affording a common organization for those interested in this field. Full regular membership is limited to persons possessing superior academic records and completion of at least three courses in geography.

Phi Alpha Theta is an international honorary society in history. Nu-Beta chapter was installed at Whitewater in the spring of 1967. Membership is open to students who have completed 12 or more credits in history with at least a 3.1 grade point average in all history courses. Initiates must also have a 3.0 grade point average in two-thirds of all remaining courses.

Pi Delta Phi is a national French honor society which recognizes outstanding scholarship in French. To be eligible for membership, you must be a senior who has completed three advanced French courses and who has a 3.0 grade point average in French and a 3.0 cumulative grade point average.

Pi Kappa Delta. Epsilon chapter of this national honorary forensic society was installed on the Whitewater campus in May 1943. Students participating in intercollegiate forensics are eligible for election to the organization if they have a 2.25 grade point average.

Pi Sigma Alpha is the national honorary association for political science. The UW-Whitewater Chapter, Pi Mu, welcomes all students who fulfill the following requirements: 10 credits in Political Science, 3.5 grade point average in Political Science courses, and 3.0 grade point average overall.

Psi Chi, the National Honor Society in Psychology, recognizes excellence in scholarship for graduate and undergraduate students who are making the study of psychology one of their major interests. Undergraduates who are elected to Psi Chi must rank not lower than the highest 35 percent of their class in general scholarship and must have demonstrated superior scholarship in psychology.

Sigma Delta Pi, national professional society in Spanish studies, was established at Whitewater in 1966. Eligible for membership are those students who have completed at least three upper-division Spanish courses, one in literature, and have attained a B average in all Spanish courses and have a high achievement level in other academic courses.

Sigma Pi Sigma is the physics national honor society. Membership is open to all students with an overall G.P.A. of at least 3.0 and a G.P.A. of at least 3.0 in physics, based upon at least three physics classes applicable toward a physics major.

Sigma Tau Delta, the national English Honor Society, is open to English majors and minors who have had at least two courses past English 101 and 102, have at least a B average in English, and rank within the top 35% of their class overall. The society sponsors regional and national conventions, a literary magazine, and writing awards for creative and critical writing.

## **DEPARTMENTAL ORGANIZATIONS**

Data Processing Management Association is an organization of students who have a strong interest in the field of data processing. Its purposes are to promote interest in and an understanding of business data processing through guest lectures, seminars and field trips to computer installations and DPMA conferences.

French Club is an organization open to anyone interested in French language and culture.

German Club is a social organization open to all students in German and to anyone interested in German culture.

The Law Society is co-sponsored by the Political Science Department and the Finance and Business Law Department. It is open to pre-law students and anyone interested in the law. Students have the opportunity to attend speaker meetings and participate in field trips.

Public Relations Student Society of America is the professional society for students who are majors or minors in public relations under the speech communication major as well as for interested students from other disciplines.

Social Work Student Organization seeks to unite the Social Work majors to promote the major, to provide a sounding board, and to act as a medium between faculty and students to facilitate major changes within the department.

Society of Physics Students is open to all students who are in physics or related fields. In 1965 the club became a student section of the American Institute of Physics, a national federation of leading societies in physics.

Spanish Club offers members cultural activities pertaining to the Spanish speaking countries to create an interest in the culture and ways of life of the Spanish-speaking

world and to stimulate greater understanding and appreciation of Spanish-speaking friends the world over.

Student Psychology Association invites students to join psychology majors and faculty in challenging their concepts of the world and themselves through spirited interchange of ideas about psychology and its impact on the individual.

Student Sociology Association is a voluntary group whose purpose is to afford interested students the opportunity to initiate and participate in campus and professional activities.

UWW Geology Club is an organization open to any student interested in furthering the education and fellowship of students in the field of geology.

## **COLLEGE DEGREE REQUIREMENTS**

### **BACHELOR OF ARTS (BA)**

### **BACHELOR OF SCIENCE (BS)**

To graduate from the College of Letters and Sciences, students must complete a minimum of 120 credits, including coursework to satisfy all of the combined General Education and College Degree requirements, major and minor requirements. Students must have at least a 2.0 grade point average in the major and minor fields as well as a 2.0 UW-W overall grade point average. Certain majors and minors in the College require a grade point average above 2.0 in the major, minor and/or overall.

Students may earn either the Bachelor of Arts or the Bachelor of Science degree in the College of Letters and Sciences. The BA degree emphasizes preparation in the arts and humanities, while the BS degree emphasizes preparation in mathematics, sciences and social sciences. Both degrees combine the 50 credits required in General Education with additional coursework to ensure that students have minimum exposure to appropriate liberal arts and science areas. The combined total for the BA degree is 56 credits; the combined total for the BS degree is 55-56 credits. (The 12 credits of University proficiency requirements are included in these totals.)

**IN COMPLETING EITHER THE BA OR THE BS DEGREE, THE FOLLOWING POLICIES APPLY:**

All General Education requirements must be met with approved courses only; College degree requirements beyond General Education may be met with any courses offered within the appropriate disciplines.

Students must meet the minimum totals in each area and may count no more than the maximum totals in each area toward the combined General Education and College Degree requirements.

No more than two courses from any one discipline may be applied toward meeting the combined requirements.

Foreign language courses for which retroactive credit was granted can not be counted toward the combined requirements.

Students are required to complete both a major and a minor from the approved majors and minors listed in the Catalog. (No minor is required for a major in International Studies, Public Policy and Administration, the 54-credit MCS major, the Sociology-Criminal Justice emphasis or for option II of the Liberal Studies Major and option II of the Individualized Major.)

The same course credits may not be counted toward both a major and a minor.

## **BACHELOR OF ARTS**

The combined 50 credits, including appropriate waivers, of General Education and additional College requirements must follow the policies above and must be distributed as follows (totals include proficiency and General Education Core courses):

1. Communication Skills (9 credits or waivers)
  - a. English 680-101 (or waiver)
  - b. English 680-102
  - c. Speech 166-110 (or waiver)
2. Quantitative and Technical Reasoning (10-14 credits)



- a. Math 760-140 or 760-141 (or waiver)
  - b. 7-11 credits of science, math and computer science courses designated GL or GM from at least 2 different disciplines (astronomy, physics, chemistry, biology, geology, physical geography, math, computer science) to include at least one 4-5 credit lab science course designated GL
3. Cultural Heritage (6 credits)
    - a. Core 900-100
    - b. Core 900-390
  4. Communities (6 credits)
    - a. Core 900-130
    - b. Core 900-120 or 900-140
  5. Personal Health and Fitness (1-2 credits)
    - a. P.Ed. 440-192
    - b. 0-1 credit in HPRC courses designated GP
  6. Electives (7-12 credits to bring Gen. Ed. total to 44)
    - a. Additional electives designated GA, GH, GS, GE or GI; no more than 1 course from any one discipline may be counted in this area.
  7. Upper Level Breadth Requirement
    - a. 6 credits at the 300-400 level in Arts, Humanities, Social Sciences or Race/Ethnic or Women's Studies, excluding courses in major and minor disciplines; not limited to Gen. Ed. courses or one course per discipline rule
  8. Foreign Language Requirement
    - a. One college-level year of a foreign language or the equivalent (2 years of the same foreign language); one course taken to fulfill this requirement may count as an elective in area 6.

Total: 50 credits

## **BACHELOR OF SCIENCE**

The combined 49-50 credits, including appropriate waivers, of General Education and additional College requirements must follow the policies above and must be distributed as follows (totals include proficiency and General Education Core courses):

1. Communication Skills (9 credits or waivers)
  - a. English 680-101 (or waiver)
  - b. English 680-102
  - c. Speech 166-110 (or waiver)
2. Quantitative and Technical Reasoning (16-19 credits)
  - a. Math 760-141 (or waiver)
  - b. Two 4-5 credit laboratory science courses designated GL from 2 different disciplines (biology, chemistry, geology, geography, physics or astronomy)
  - c. 5 credits in math beyond 141 or 3 credits in math beyond 141 and 3 credits in computer science courses (not limited to GM courses)
3. Cultural Heritages (6 credits)
  - a. Core 900-100
  - b. Core 900-390
4. Communities (6 credits)
  - a. Core 900-130
  - b. Core 900-120 or 900-140
5. Personal Health and Fitness (1-2 credits)
  - a. P.Ed. 440-192
  - b. 0-1 credit in HPRC courses designated GP
6. Electives (7-11 credits to bring total to 49)
  - a. Additional electives designated GA, GH, GS, GE or GI; no more than 1 course from any one discipline may be counted in this area

Total: 49-50 credits

## **GENERAL DIVISION (600)**

### **INTERDEPARTMENTAL MAJORS AND MINORS**

**International and Area Studies** - *Refer to International and Area Studies Section.*

International Studies Major  
Asian Studies Minor  
International Studies Minor  
Latin American Studies Minor

**Integrated Science - Business Major** - *Refer to Biology Department*

**Criminal Justice Minor** - *Refer to departments of Political Science and Sociology.*

**Environmental Studies Minor** - *Refer to Geography & Geology Department.*

**Gerontology Minor** - *Refer to Social Work Department.*

**Human Services Foundation Minor** - *Refer to Social Work Department*

**Physical Science Minor** - *Refer to Physics Department*

### **GENERAL SCIENCE BROADFIELD MAJOR (BSE)**

Open only to students pursuing teacher licensure. There are five emphases within this major. Refer to the department of the emphasis for requirements.

|                           |                            |
|---------------------------|----------------------------|
| Biology                   | Physical Science (Physics) |
| Chemistry                 | Physics                    |
| Earth Science (Geography) |                            |

The broadfield science program for teacher education can follow one of two plans:

1. A 58 credit major providing for one teaching minor.
2. A 68 credit major providing for two teaching minors.

The 58 credit broadfield major consists of 24 credits in one of the science areas; 14 credits in one of the three remaining sciences; and 10 semester credits in each of the two remaining sciences. The areas required are chemistry, biology, physics, geography and geology. Mathematics through one year of calculus shall be considered as a prerequisite for those who choose 24 credits in physics. For others, Math 760-152, Elementary Functions, shall be considered a prerequisite to the major field. In addition to the 58 credits, the broadfield science program requires an additional course: Geography 722-252 or Biology 630-214. Consult the department in each science area for the specific courses required.

### **SOCIAL STUDIES BROADFIELD MAJOR (BSE)**

Open only to students pursuing teacher licensure. This major consists of at least 53 hours in a program approved by the College of Education. This program must follow either of two basic guidelines:

1. A 34 credit concentration in any approved area of social studies and 20 credits in at least two other areas of social studies.
2. A 22 credit concentration in any approved area of social studies and 32 credits in at least three other areas of social studies.

If courses in the major are used to satisfy General Education requirements and Human Relations course requirement, the program can be completed within 120 credits. Transfer students must complete at least five courses at UW-W for this major.

Note: Only those courses in geography which relate to the cultural environment will apply toward the major. Courses in other social science areas which are primarily techniques courses will not apply to the major.

### **Additional Licensure Requirement:**

Wisconsin law requires that persons seeking licensure to teach history or other social studies have instruction in cooperatives and conservation. The requirement in respect to cooperatives may be met by completion of Economics 230-213, Economic Principles for Secondary Teachers, or Economics 230-324, Cooperatives. The requirement for instruction in conservation may be met by the completion of Geography 722-252 Human Environmental Problems, or Biology 630-214 Ecology and Society.

History certification for holders of Social Studies (701) license: 15 credits of upper level (300 or 400) or graduate (500, 600, or 700) history courses distributed as follows: 6 credits of U.S. History, 6 credits of European History, and 3 credits of African, Asian, Latin American or Middle-Eastern History. All 15 credits must have been completed within 5 calendar years. Some of the courses listed above may have prerequisites which must be taken beyond the specified 15 credits.

There are twelve emphases within this major. Refer to the department of the emphasis for the major requirements.

Economics Option I    Political Science Option I

Economics Option II    Political Science Option II

Geography Option I    Psychology Option I

Geography Option II    Psychology Option II

History Option I    Sociology Option I

History Option II    Sociology Option II

### **ELEMENTARY EDUCATION MAJOR**

Elementary Education majors who have a minor in English, Foreign Language, Mathematics or Social Studies (Economics, Geography, History, Political Science, Psychology or Sociology) may be certified to grade 9 with the addition of the appropriate Secondary Education methods course and Secondary Education Observation and Participation.

## **LIBERAL STUDIES MAJOR**

The Liberal Studies major is designed for students who want a broad liberal arts background and the flexibility to tailor their studies to their own needs, interests and career goals. The major encompasses study of a wide range of disciplines, including the arts, humanities, sciences and social sciences, which enable students to develop breadth of vision, a capacity for critical thinking, and a fundamental understanding of human nature, society and values. The major also fosters development of skills and abilities employers consider most important, such as problem solving, analytical thinking, interpersonal relations and communication skills, among others. Applied minors such as Professional Business Studies, Public Relations, and Legal Studies complement this major especially well.

The Liberal Studies major is particularly appropriate for non-traditional, returning and transfer students who wish to complete a degree. Every effort is made to include applicable transfer courses within the major whether they have UW-W equivalents or not, and courses scheduled to accommodate working adults.

For more information on this major, contact the Philosophy Department.

## **LIBERAL STUDIES MAJOR WITH MINOR (BA/BS)**

MAJOR - 36 CREDITS

1. L&S 600-201

2. SELECT 3 CRED FROM COURSES

PHIL 782-245, 782-247, 782-261, BIOL 630-247, INTD 940-246

3. SELECT 3 CRED FROM COURSES

PHIL 782-271, ENGL 680-274, 680-373, 680-375, 680-376, MUSC 150-151, 150-153, 150-161, 150-162, 150-164, 150-166, 150-169, 150-171, 150-175, 150-177, 150-186, 150-187, 150-188, 150-189, 150-269, 150-271, 150-272, 150-279, 150-383, 150-452, 150-453, 150-457, 150-458, 150-459, ART (ANY COURSE EXCEPT 110-180), THTR (ANY COURSE EXCEPT 133-100, 133-346, 131-361 THRU 131-364, 133-345, 133-346, 133-454, 133-471, 133-472, 133-478), DNCE (ANY COURSE EXCEPT 131-110)

4. SELECT 3 CRED FROM COURSES

PHIL 782-251, SPCH 166-344, 166-345, ENGL 680-271, 680-370, HIST 740-200, PSCI 820-301, PSYC 840-215, 840-216, MATH 760-230, 760-231, SOC 880-476, BIOL 630-303

5. SELECT 3 CRED FROM COURSES

SPCH 166-228, 166-240, 166-242, 166-328, 166-420, 166-424

6. SELECT 3-9 CRED FROM COURSES

PHIL 782-341, 782-342, 782-365, RELG 786-212, 786-252, 786-355, ENGL 680-321, 680-401, 680-402, 680-404, 680-405, 680-412, 680-414, HIST 740-154, 740-155, 740-325, 740-351, 740-355, 740-375, 740-441, 740-451, 740-452, ECON 230-404, ART 115-201, 115-202, 115-305, 115-311, 115-312, 115-314, 115-315, 115-316, MUSC 150-140, 150-245, 150-246, THTR 133-345, 133-454, 133-471, 133-472, SPCH 166-359

7. SELECT AN ADDITIONAL 9 -15 ELECTIVE CRED FROM COURSES CHOSEN FROM AT LEAST 3 OF THE FOLLOWING CATEGORIES.

PHIL 782-345, 782-390, RELG 786-201, ENGL 680-216, 680-263, 680-346, 680-347, 680-353, 680-361, 680-464, HIST 740-326, 740-352, 740-394, 740-460, SPCH 166-305, 166-232, 166-326, 166-339, ART 115-317, 115-318, 115-319, MUSC 150-247, THTR 133-346, 133-478, PSCI 820-357, 820-380, 820-412, 820-446, RCET 610-380, AFRO 614-110, 614-360, 614-396, 614-397

8. L&S 600-499

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**LIBERAL STUDIES MAJOR WITH NO MINOR (BA/BS)**

MAJOR - 54 CREDITS

1. L&S 600-201

2. SELECT 3 CRED FROM COURSES

PHIL 782-245, 782-247, 782-261, BIOL 630-247, INTD 940-246

3. SELECT 3 CRED FROM COURSES

PHIL 782-271, ENGL 680-274, 680-373, 680-375, 680-376, MUSC 150-151, 150-153, 150-161, 150-162, 150-164, 150-166, 150-169, 150-171, 150-175, 150-177, 150-186, 150-187, 1150-188, 150-189, 150-269, 150-271, 150-272, 150-279, 150-383, 150-452, 150-453, 150-457, 150-458, 150-459, ART (ANY COURSE EXCEPT 110-180), THTR (ANY COURSE EXCEPT 133-100, 133-346, 131-361 THRU 131-364, 133-345, 133-346, 133-454, 133-471, 133-472, 133-478), DNCE (ANY COURSE EXCEPT 131-110)

4. SELECT 3 CRED FROM COURSES

PHIL 782-251, SPCH 166-344, 166-345, ENGL 680-271, 680-370, HIST 740-200, PSCI 820-301, PSYC 840-215, 840-216, MATH 760-230, 760-231, SOC 880-476, BIOL 630-303

5. SELECT 3 CRED FROM COURSES

SPCH 166-228, 166-240, 166-242, 166-328, 166-420, 166-424

6. SELECT 3-9 CRED FROM COURSES

PHIL 782-341, 782-342, 782-365, RELG 786-212, 786-252, 786-355, ENGL 680-321, 680-401, 680-402, 680-404, 680-405, 680-412, 680-414, HIST 740-154, 740-155, 740-325, 740-351, 740-355, 740-375, 740-441, 740-451, 740-452, ECON 230-404, ART 115-201, 115-202, 115-305, 115-311, 115-312, 115-314, 115-315, 115-316, MUSC 150-140, 150-245, 150-246, THTR 133-345, 133-454, 133-471, 133-472, SPCH 166-359

7. SELECT 3 CRED FROM COURSES

PHIL 782-345, 782-390, RELG 76-201, ENGL 680-216, 680-263, 680-346, 680-347, 680-353, 680-361, 680-464, HIST 740-326, 740-352, 740-394, 740-460, SPCH 166-232, 166-305, 166-326, 166-339, ART 115-317, 115-318, 115-319, MUSC 150-247, THTR 133-346, 133-478, PSCI 820-357, 820-380, 820-412, 820-446, RCET 610-380, AFRO 614-110, 614-360, 614-396, 614-397

8. SELECT 3 CRED FROM COURSES

ENGL 680-264, PHIL 782-281, RELG 786-330, PSCI 820-414, PSYC 840-202, 840-304, 840-331, 840-332, 840 345, 840-345, 840-355, AFRO 614-270, 614-470, GEOG 722-230, SOC 880-250, 880-252, 880-265, 880-270, 880-276, 880-330, 880-340, 880-345, 880-355, 880-362, 880-370, 880-410, 880-451, 880-455, 880-459, 880-470, WNST 890-100, 890-240, 890-301, 890-301, 890-303, 890-320, 890-350, 890-392, ANTH 892-218

9. SELECT 3 CRED FROM COURSES

ECON 230-360, 230-401, 230-406, 230-459, GEOG 722-332, 722-362, 722-363, 722-365, 722-368, HIST 740-342, 740-343, 740-346, 740-348, 740-371, 740-372, ENGL 680-322, PSCI 820-350, 820-351, 820-352, ANTH 892-230, 892-334, ANY FOREIGN LANGUAGES COURSE BEYOND 142 (EXCLUDING RETRO CRS) AND ANY 491 TRAVEL STUDY ABROAD APPROVED BY ADVISOR

10. SELECT 3 CRED FROM COURSES



ECON 230-451, ENGL 680-323, 680-324, GEOG 722-368, HIST 740-130, 740-131, 740-340, 740-432, 740-433, RELG 786-211, 786-303, PSCI 820-460, 820-461, 820-471, SOC 880-290, ANTH 892-324, ANY 491 TRAVEL STUDY ABROAD COURSE APPROVE BY ADVISOR

11. SELECT 3 CRED FROM COURSES

GEOG 722-334, 722-430, HIST 740-120, 740-300,, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-316, 740-317, 740-324, 740-362, 740-390, 740-392, 740-400, 740-401, 740-403, ENGL 680-200, 680-226, 680-236, 680-265, 680-341, 680-342, 690-345, 680-348, 680-363, 680-369, THTR 133-369, PHIL 782-343, RELG 786-351, MUSC 150-143, 150-144, PSCI 820-217, 820-247, 820-317, 820-318, 820-413, 820-419, 820-457, AFRO 614-320, 614-345, CHCN 615-200, 615-300, 615-320, 615-330, WNST 890-250, 890-370

12. SELECT 3 CRED FROM COURSES

ANY COURSE IN BIOLOGICAL SCIENCES, CHEMISTRY, GEOLOGY, PHYSICS/ASTRONOMY, GEOG 722-252, 722-323, 722-452, HIST 740-333, PHIL 782-291, WNST 890-360, ECON 230-471

13. SELECT 15 CREDITS IN FOCUS AREA, 9 CREDITS OF WHICH MUST BE AT THE 300 OR 400 LEVEL, CHOSEN IN CONSULTATION WITH ADVISOR

14. L&S 600-499

## **GENERAL SCIENCE ELEMENTARY MINOR**

This is a broadfield, general science minor for students majoring in elementary education. It is intended to insure breadth of science preparation, with training from each of the four areas: biology, chemistry, physical geography/geology, and physics/astronomy. This general, introductory background from the specified courses would be appropriate for conducting science classes in the elementary schools.

MINOR - 24 UNITS

1. BIOLOGY 214 AND AT LEAST 3 ADDITIONAL UNITS FROM BIOLOGY COURSES. BIOLOGY 120 IS RECOMMENDED
2. SELECT AT LEAST 4 UNITS FROM CHEMISTRY COURSES.

CHEM 100 IS RECOMMENDED, CHEM 102 WOULD BE ACCEPTABLE.

3. SELECT AT LEAST 4 UNITS

FROM PHYSICAL GEOGRAPHY OR GEOLOGY COURSES.

EITHER GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 IS RECOMMENDED.

4. PHYSCS 210 AND ASTRONMY 114 ARE REQUIRED.

5. ADDITIONAL UNITS TO TOTAL AT LEAST 24 UNITS

MUST BE SELECTED FROM COURSES: BIOLOGY 110, GEOLGY 200, GEOGRPY 320 OR PHYSCS 240

### **SOCIAL STUDIES ELEMENTARY EDUCATION MINOR**

The Department of Public Instruction has created a license to permit holders of an elementary license who teach through grade 8 to be issued a regular license to teach Social Studies through grade 9 if they complete the Social Studies minor.

This is a broadfield, social studies minor for students majoring in elementary education. It is intended to insure breadth of social studies preparation, with training from each of several areas: history, psychology, sociology, political science, economics, geography, and anthropology. This general, introductory background from the specified courses would be appropriate for teaching social studies classes in the elementary schools.

### **MINOR - 30 CREDITS**

1. 9 CREDITS: 3 CRED. FROM 3 GROUPS:(A) 740-124 OR 740-125;(B) 740-154 OR 740-155; (C) U.S. HISTORY NUMBERED 300 OR ABOVE; (D) EUROPEAN HISTORY NUMBERED 300 OR ABOVE; (E) AFRICAN, ASIAN, LATIN AMERICAN OR MIDDLE EASTERN HISTORY COURSES
2. SELECT 3 CRED FROM COURSES PSYC 840-104, 840-355, 840-444 OR 840-451
3. SELECT 3 CRED FROM COURSES SOC 880-345, 880-355, 880-362 OR 880-455
4. SELECT 3 CRED FROM COURSES PSCI 820-350, 820-351, 820-352, 820-377, 820-457 OR 820-460
5. SELECT 3 CRED FROM ECONOMICS DEPT EXCEPT FOR ECON 230-245, 230-345 AND 230-461
6. SELECT 1 COURSE FROM EACH GROUP GROUP 1: GEOG 722-160 OR 722-261 GROUP 2: GEOG 722-340 OR 722-344
7. SELECT 3 CRED FROM COURSES IN ANTHROPOLOGY - 892-214 OR 892-218 OR ANY 300-400 LEVEL COURSE

8. NO MORE THAN 6 CREDITS USED TO SATISFY GENERAL STUDIES MAY BE COUNTED TOWARD THIS MINOR. AT LEAST 15 CREDITS IN THE MINOR MUST BE NUMBERED 300 OR ABOVE. Either 840-355 or 880-355 may be counted in fulfilling the requirements, not both.

## **INDIVIDUALLY DESIGNED MAJOR (BA/BS)**

This major is designed to permit you to focus your study on a topic or problem area which falls outside the limits of a conventional major. Each major is individualized. What is deemed appropriate for you may be deemed inappropriate for another student. The purpose of the major is to accommodate an integration of the courses and programs now offered by the University; it is not a means of forming special majors or degrees which the University is not authorized to offer. The Individually Designed Major, leading to the Bachelor of Arts or Bachelor of Science degree, must consist of an approved and coherent pattern of courses taken in more than one department.

## **OPTION I WITH A MINOR**

### **MAJOR - 33 CREDITS**

1. SELECT 33 CRED IN CONSULTATION WITH INDIVIDUALIZED MAJOR COMMITTEE. THE MAJOR MAY INCLUDE NO MORE THAN 21 CREDITS IN ANY ONE DEPARTMENT AND MUST INCLUDE AT LEAST 17 CREDITS IN COURSES NUMBERED 300 OR ABOVE. AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **OPTION II WITHOUT A MINOR**

### **MAJOR - 54 CREDITS**

1. SELECT 54 CRED IN CONSULTATION WITH INDIVIDUALIZED MAJOR COMMITTEE. THE MAJOR MAY INCLUDE NO MORE THAN 24 CREDITS IN ANY

ONE DEPARTMENT AND MUST INCLUDE AT LEAST 27 CREDITS IN COURSES NUMBERED 300 OR ABOVE. NO MINOR IS REQUIRED.

Writing Proficiency Requirement:

See the Individually Designed Major program chairperson for course(s) that satisfy this requirement.

In either Option I or II of the Individually Designed Major you will choose as an adviser a faculty member whose competence is in the area of your interest. Together with the adviser you will plan the major and submit in writing to the College Committee on Individually Designed Majors for its approval a detailed outline of the major and a statement of its rationale and goals. The major must be approved, with the possibility of subsequent amendment, no later than the beginning of your junior year. Your program of study must be planned and approved in advance of admission to the major. Any changes in your major at a later date will require written permission of the Committee.

Under either Option I or II you may count at most 40 credits from any one department for fulfillment of total degree requirements. It is a requirement that over half the credits in either option must be in courses numbered 300 or above. At least 50 percent of the credits counting toward your major requirements must be earned subsequent to your admission to the major. You may take work outside the College of Letters and Sciences but more than one-half the credits in your major must be earned in the College. Primary supervision of the major rests with the Committee on Individually Designed Majors. Inquiries should be directed to: Chairperson, Committee on Individually Designed Majors, College of Letters and Sciences.

## **INDIVIDUALLY DESIGNED MINOR**

### **MINOR - 24 CREDITS**

1. SELECT 24 CRED IN CONSULTATION WITH ADVISOR AND DEAN OF COLLEGE OF LETTERS AND SCIENCES
2. IF MORE THAN 15 CREDITS ARE TO BE TAKEN IN ANY ONE DEPARTMENT OF THE COLLEGE OF L&S THERE MUST BE PRIOR APPROVAL BY BOTH THAT DEPARTMENT AND THE DEPARTMENT OF YOUR MAJOR. AT LEAST 12 CREDITS PROPOSED FOR THE MINOR MUST BE EARNED AFTER THE PLAN HAS BEEN APPROVED. IF MORE THAN 12 CREDITS ARE FROM A SINGLE COLLEGE OUTSIDE OF LETTERS & SCIENCES, APPROVAL OF THE DEAN OF THAT COLLEGE

IS REQUIRED. NO MORE THAN 9 CREDITS FROM THE MAJOR DISCIPLINE(S) MAY BE INCLUDED.

A statement of the content, nature and rationale of your proposed individualized minor must be approved by your major department. The minor should consist primarily of courses above the general survey level. Further, the proposed minor shall be sent to the Office of the Dean of the College of Letters and Sciences for the Dean's approval or referral to the College Curriculum Committee for its approval.

The minor should be prepared early in your college career, preferably before the second term of your junior year. Any substantial subsequent changes in your minor should be approved by your major department and the Dean.

The responsibility for certifying that you have met the requirements of your minor rests with the department of your major, if you are a Letters and Sciences major. For students not Letters and Sciences majors, the responsibility of certifying the completion of the minor on the application for diploma rests with the College of Letters and Sciences. The signature sheet for the Individualized Minor is available in the Letters and Sciences Office, Salisbury 124.

## **PROFESSIONAL MINOR IN BUSINESS STUDIES**

The Professional Minor in Business Studies is designed for students seeking a liberal arts education with preparation for a career in some area of business. This preparation in both liberal arts and business will also assist students planning to advance their career opportunities by seeking an M.B.A. (Master of Business Administration) degree.

Requirements for the nine approved areas of emphasis are described here. Within these emphases, however, variations are possible to meet the programmatic needs of individual students.

If you, in consultation with your major adviser, feel that one of these minor emphases is appropriate for you, make an appointment to see the Assistant Dean, College of Business and Economics. A minimum GPA of 2.25 in the minor is required for graduation. Grades received for transfer courses that are counted in the minor will be included in determining the GPA in the minor.

## **ACCOUNTING EMPHASIS**

### **MINOR - 21 CREDITS**

1. MGNT 250-211 OR CPSC 765-161 OR 765-162 OR 765-171
2. ACTG 210-244 AND 210-451
3. ACTG 210-341, 210-342 AND 210-343 2.50 REQUIRED IN THESE THREE COURSES
4. 4. SELECT 3 CRED FROM COURSES ACTG 210-452, 210-456 OR 210-461
5. 5. A 2.50 IS REQUIRED IN 210-341, 210-342 AND 210-343.

A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

### **UNIQUE REQUIREMENT - 12-14 CREDITS**

1. ECON 230-211, 230-212 AND MATH 760-143 RLS
2. MATH 760-243 OR 760-250 OR 760-253 RLS

Accounting deals with the management of assets and liabilities, costs and cost control, taxes and corporate/governmental planning. Graduates would probably not be eligible for employment as accountants in corporations. However, an emphasis in accounting would be useful for the Letters and Sciences major who seeks employment as a corporate trainee. Accounting is also especially useful if a graduate expects to seek employment in the area of public policy and planning.

#### **Restrictions:**

In order to obtain the Professional Minor with an emphasis in accounting and in order to continue in the minor program, Letters and Sciences majors must obtain a minimum combined GPA of 2.5 in accounting 210-341, 210-342, and 210-343. The prerequisite courses should be completed before enrolling in the required or elective courses. Additionally, students must complete 24 credits before enrolling in 210-244 Accounting Concepts.

## **BUSINESS LAW EMPHASIS**

### **MINOR - 21 CREDITS**

1. FNLW 240-341, 240-342 AND 240-442
2. FNLW 240-443 OR ECON 230-353
3. FNLW 240-455 OR PSCI 820-344 OR 820-350
4. SELECT 6 CRED FROM COURSES FNLW 240-348, 240-446, PHIL 782-281, PSCI 820-413, 820-414, 820-415, 820-419
5. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

This program is designed to prepare the student with a broad general legal background which can be utilized in general business, insurance, real estate, general corporate legal activities, the position of legal assistant with a law firm, or as a pre-law student.

## **COMPUTER END-USER TECHNOLOGIES EMPHASIS**

### **MINOR - 24 CREDITS**

1. B ED 220-255, 220-347, 220-348, 220-353, 220-357, 220-445 AND 220-454
2. SELECT 3 CRED FROM COURSES B ED 220-349, B ED 220-365, B ED 220-493, B ED 220-457, OR MGNT 250-428
3. 2.00 GPA & 24 CRED NEEDED FOR 200 LEVEL & 60 CRED FOR 300/400 LEVEL BUS COURSES. 2.25 IN MINOR NEEDED TO GRADUATE. A MAX OF 2 TRANSFER COURSES AND A MAX OF 3 CRED IN SPECIAL, INDEPENDENT, CORRESPONDENCE & INTERNSHIP ALLOWED.

### **UNIQUE REQUIREMENT**

1. ABILITY TO TYPE STRAIGHT COPY AT 40 WORDS PER MINUTE. RLS

The Computer End-User Technology minor is valuable for anyone planning a career in end-user computing. The courses studied prepare students to understand and work with computer systems and related technologies commonly used in the business world. This preparation will allow students to easily make transitions to advanced technologies in their future.

## **FINANCE EMPHASIS**

### **MINOR - 21 CREDITS**

1. ACTG 210-244, FNLW 240-344, 240-345, 240-360
2. ACTG 210-249 OR 210-341 OR 210-342
3. SELECT 6 CRED FROM COURSES ECON 230-354, 230-356 AND ANY FINANCE COURSE
4. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

### **UNIQUE REQUIREMENT - 6 CREDITS**

1. MATH 760-143 RLS
2. MATH 760-243 RLS

A person with a professional minor in Business (Finance) is likely to work on the following types of jobs: loan officer with lending institutions such as commercial banks or savings and loans; real estate broker; stock broker; insurance agent; investment officer with an insurance company; office manager for a real estate development company.

## **GENERAL BUSINESS EMPHASIS**

### **MINOR - 24 CREDITS**



1. SELECT 24 CRED FROM COURSES ACTG 210-244, 210-249, FNLW 240-344, ECON 230-245 OR MATH 760-342 OR PSYC 840-215, PSCI 820-320 OR 820-421, MGNT 250-211 OR CPSC 765-161 OR 765-162 OR 765-171, MGNT 250-301 OR 250-310, MGNT 250-306, 250-385, MKTG 260-311, SFTY 462-380 OR 462-381, LEAD 450-210 OR 450-220
2. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

### **UNIQUE REQUIREMENT - 9 CREDITS**

1. ECON 230-211, 230-212 (GS) AND MATH 760-143 (GM)

The General Business minor was constructed to provide a variety of courses in the areas of accounting, finance, marketing and management and to provide the core courses which would allow the liberal arts graduate to study for an MBA.

### **MANAGEMENT EMPHASIS**

The student may concentrate in one of the following three areas in the Management Emphasis: General, Human Resources, or Production.

### **MANAGEMENT GENERAL EMPHASIS**

#### **MINOR - 21 CREDITS**

1. MGNT 250-301, 250-369 AND 250-419
2. SELECT 6 - 12 CREDITS FROM COURSES MGNT 250-310, 250-385, 250-410, 250-486, 250-488, 250-493, 250 496
3. SELECT 0 - 6 CREDITS FROM COURSES MGNT 250-306, 250-320, 250-480, PSYC 840-355, SOC 880-380, PSCI 820-320, SPCH 166-327, 166-427, 166-429
4. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

## **MINOR - RECOMMENDATION**

1. ECON 230-245 BUSINESS STATISTICS AND MATH 760-143 FINITE MATH FOR BUSINESS AND SOCIAL SCIENCES ARE HIGHLY RECOMMENDED.

The general emphasis will provide students with the supervisory and managerial knowledge and training required for first line supervisory positions in such areas as: manufacturing, distribution, retailing, offices, government, or service organizations. Any student with an interest in supervision and the planning, organizing, and control of activities based on goals and objectives may be interested in this emphasis regardless of major. Students enrolled in the ROTC program should definitely investigate this emphasis area of the professional minor.

## **HUMAN RESOURCE MANAGEMENT EMPHASIS**

### **MINOR - 21 CREDITS**

1. MGNT 250-320 OR PSCI 820-421
2. SELECT 18 CRED FROM COURSES MGNT 250-425, 250-426, 250-428, 250-429, 250-430, 250-478, (250-493 OR 250-498), FNLW 240-443 AND SFTY 462-380

The human resource management emphasis will provide students with the specialized knowledge and training required in entry-level professional positions in Human Resource Departments of various types of organizations (e.g. business, industry, government, non-profit, etc.) This would include areas such as planning and employment, training and development, wage and salary administration, insurance pensions, accident prevention, labor problems, or collective bargaining. Students majoring in political science, psychology, communication, sociology, or similar areas may find this emphasis to be of interest.

## **MANAGEMENT PRODUCTION EMPHASIS**

### **MINOR - 21 CREDITS**

1. MGNT 250-301 AND 250-306

2. SELECT 15 CRED FROM COURSES MGNT 250-351, 250-356, 250-445, 250-450, 250-455, 250-460, 250-465, 250-466, 250-471, 250-480, 250-486, MKTG 260-436, SFTY 462-380, 462-381 OR 462-483
3. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

### **UNIQUE REQUIREMENT - 12 CREDITS**

1. ECON 230-245, MGNT 250-211 AND MATH 760-143 RLS
2. MATH 760-243 RLS

The production emphasis will provide students with the specialized knowledge and training required in a variety of assignments in production departments (manufacturing, operations, etc.) of various types of organizations. These would include entry-level professional positions in such areas as: materials management, production scheduling and inventory control, work measurement and methods, facilities planning, materials handling, or quality control. Those students majoring in biology, chemistry, mathematics, or physics may find this emphasis to be of great interest. Also, any student who has completed the pre-engineering curriculum should investigate this emphasis area of the Professional Minor in Business Studies, regardless of major.

### **MARKETING EMPHASIS**

#### **MINOR - 21 CREDITS**

1. MKTG 260-311
2. SELECT 18 CREDITS FROM THE FOLLOWING COURSES WITH AT LEAST 12 CREDITS FROM MARKETING: MKTG 260-321, 260-346, 260-349, 260-351, 260-400, 260-410, 260-412, 260-432, 260-436, 260-442, 260-445, 260-479, JOUR 164-321, MKTG 260-337 OR B ED 220-361, MKTG 260-361 OR ECON 230-431, MKTG 260-420 OR PSYC 840-355, MKTG 260-429 OR B ED 220-363, MKTG 260-350 OR JOUR 164-320 OR B ED 220-364, ART 110-382 OR ART 110-383
3. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY & CORRESPONDENCE WILL BE ALLOWED

The Marketing Emphasis is designed to assist Letters and Sciences majors in preparing for careers in general marketing, advertising, purchasing, selling, retailing,

marketing research, international marketing and industrial marketing. The student may concentrate in one of eight areas in the Marketing Emphasis.

## **DEPARTMENT OF BIOLOGICAL SCIENCES**

*Phone:* 262-472-1092

*E-Mail:* [biologclsci@uwwvax.uww.edu](mailto:biologclsci@uwwvax.uww.edu)

*Faculty:* Rick Adams, Bruce Eshelman, Sibdas Ghosh, Jeff McKinnon, Peter Mesner, Neil Sawyer, Stephen Solheim, Lance Urven (Chairperson), Daryle Waechter-Brulla, Lauren Wentz, Michael Woller.

The study of biology encompasses all of the life sciences and endeavors to enhance your understanding and appreciation of living things. Students with training in the biological sciences will be among those who will contribute much toward solving critical problems facing the world today, such as food shortage, disease, and environmental use. You may design your program of study with the help of an adviser to best meet your particular interests and needs. The Department also has an affiliation agreement with the State Laboratory of Hygiene, UW-Madison, which enables students to complete clinical education in cytotechnology as an emphasis in the Biology major (contact department for details).

**PIGEON LAKE FIELD STATION.** The University of Wisconsin System sponsors summer programs at the Pigeon Lake Field Station near Drummond in Bayfield county of northwestern Wisconsin. Station offerings include undergraduate and graduate courses in field biology and in mapping and outdoor education. Sessions may vary from two to six weeks in length with a variety of biology courses offered on a rotating basis. Credit earned at the Station is accepted as residence credit at this University. The Field Station is located in a natural outdoor laboratory among the lakes, streams and forests of relatively unspoiled portions of northern Wisconsin. Students are housed in rustic cabins and get their meals in the Station dining hall. PLFS facilities also include three classroom buildings and a recreation hall on land including 1400 feet of shoreline on Pigeon Lake. With access to Lake Superior and the Apostle Islands, the national forest, and adjacent wildlife areas—the Station is ideally located for field studies as well as for recreation.

The several programs offered each summer are publicized by special announcements early in the year. For further details contact the Department of Biological Sciences.

## **MAJORS/EMPHASES**

The student may elect one of four emphases in the Biological Sciences major:

### **BIOLOGY - GENERAL (BA/BS)**

The General Biology emphasis is designed for biology education majors and for select others who need an extremely broad range of experiences in the biological sciences.

#### **MAJOR - 34 CREDITS**

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-253, 630-257 AND 630-375
3. BIOL 630-390 AND 630-400
4. BIOL 630-351 OR 630-353 OR 630-317
5. BIOL 630-340 OR 630 341 OR 630-345
6. SELECT ADDITIONAL CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-110, 630-120, 630-200, 630-214, 630-230, 630-300, 630-303, 630-360 TO TOTAL 34 CREDITS IN THE MAJOR

#### **MAJOR - UNIQUE REQ & WRTNG - 15-19 CREDITS**

1. BIOL 630-300 OR 630-303 RLS
2. CHEM 640-102 AND 640-104 RLS
3. MATH 760-152 OR 760-243 OR 760-250 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **BIOLOGY-CELL/PHYSIOLOGY (BA/BS)**

The Cell Biology and Physiology emphasis is intended for students seeking training in the biological disciplines related to the structure and function of biological systems from the molecular to the organismal level. This program is specifically intended to prepare students for admission to health professional schools and for career opportunities or graduate training in biotechnology, microbiology, cell biology, physiology, anatomy, embryology, biomedicine, and other related fields.

#### **MAJOR - 34 CREDITS**

1. BIOL 630-141, 630-142 AND 630-251

2. BIOL 630-253, 630-254 AND 630-311
3. BIOL 630-390 AND 630-400
4. COMPLETE 1 GROUP FROM THOSE LISTED BELOW: a. SELECT ONE COURSE FROM (BIOL 630-340 OR 630-341 OR 630-351) AND ONE COURSE FROM (630-345 OR 630-317) b. BIOL 630-361 AND 630-362
5. BIOL 630-257 OR 630-353 OR 630-375 OR 630-446
6. SELECT ADDITIONAL CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-110, 630-120, 630-200, 630-214, 630-230, 630-300, 630-303, 630-360 TO TOTAL 34 CREDITS IN THE MAJOR

MAJOR - UNIQUE REQ & WRITNG - 23 CREDITS

1. BIOL 630-300 OR 630-303 RLS
2. CHEM 640-102 AND 640-104 RLS
3. CHEM 640-251 AND 640-252 RLS
4. MATH 760-152 OR 760-243 OR 760-250 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **BIOLOGY-CELL/PHYSIOLOGY HONORS (BA/BS)**

MAJOR - 75-79 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. BIOLOGY 253, BIOLOGY 254 AND BIOLOGY 311
3. BIOLOGY 390 AND BIOLOGY 400
4. COMPLETE 1 GROUP FROM THOSE LISTED BELOW:
  - a. SELECT ONE COURSE FROM (BIOLOGY 340 OR BIOLOGY 341 OR BIOLOGY 351) AND ONE COURSE FROM (BIOLOGY 345 OR BIOLOGY 317)
  - b. BIOLOGY 446 OR BIOLOGY 257

RECOMMENDED: BIOLOGY 493

5. MATH 243 OR MATH 250 OR MATH 253
6. CHEM 102, CHEM 104, CHEM 251, CHEM 252, CHEM 261, CHEM 262
7. PHYSCS 160, PHYSCS 161, PHYSCS 162, PHYSCS 163
8. BIOLOGY 303

RECOMMENDED CHEM 456

9. BIOLOGY 499 (2 UNITS FIRST TERM, 3 UNITS SECOND TERM)

### **BIOLOGY-ECOLOGY/FIELD (BA/BS)**

The Ecology and Field Biology emphasis is designed for students seeking training in the biological disciplines involving relationships between organisms, and the

relationships between organisms and their physical environment. This program is specifically intended to prepare students for professional placement or graduate training in natural resource management, fisheries, aquaculture, forestry, civil engineering, conservation, ecology, environmental sciences, animal behavior, and other related fields.

### **MAJOR - 34 CREDITS**

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-257, 630-353 AND 630-446
3. BIOL 630-390 AND 630-400
4. BIOL 630-375 OR 630-454
5. BIOL 630-457 OR 630-467
6. BIOL 630-253 OR 630-340 OR 630-351
7. SELECT ADDITIONAL CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-110, 630-120, 630-200, 630-214, 630-230, 630-300, 630-303, 630-360 TO TOTAL 34 CREDITS IN THE MAJOR

### **MAJOR - UNIQUE REQ & WRNG - 18-22 CREDITS**

1. BIOL 630-300 OR 630-303 RLS
2. CHEM 640-102 AND 640-104 RLS
3. MATH 760-152 OR 760-243 OR 760-250 RLS
4. MATH 760-231 OR 760-342 OR PSYC 840-215 OR BIOL 630-303 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **BIOLOGY-ECOLOGY/FIELD HONORS (BA/BS)**

MAJOR - 75-79 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. BIOLOGY 257, BIOLOGY 353 AND BIOLOGY 446
3. BIOLOGY 390 AND BIOLOGY 400
4. BIOLOGY 375 OR BIOLOGY 454
5. BIOLOGY 457 OR BIOLOGY 467
6. BIOLOGY 253  
RECOMMENDED BIOLOGY 345 OR BIOLOGY 417,  
BIOLOGY 493
8. MATH 243 OR MATH 250 OR MATH 253
9. CHEM 102, CHEM 104, CHEM 251, CHEM 252, CHEM 261, CHEM 262

10. PHYSCS 160, PHYSCS 161, PHYSCS 162, PHYSCS 163
11. BIOLOGY 303  
RECOMMENDED CHEM 456
12. BIOLOGY 499 (2 UNITS FIRST TERM, 3 UNITS SECOND TERM)

**BIOLOGY - MARINE BIOLOGY AND FRESHWATER ECOLOGY  
(BA/BS)**

MAJOR - 34 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. BIOLOGY 257 AND BIOLOGY 446
3. BIOLOGY 370
4. BIOLOGY 457 OR BIOLOGY 467
5. BIOLOGY 253
6. BIOLOGY 390, BIOLOGY 400
7. SELECT 5-6 UNITS OF BIOLOGY ELECTIVES EXCEPT  
FOR COURSES BIOLOGY 110, BIOLOGY 120, BIOLOGY 214, BIOLOGY 230,  
BIOLOGY 300, BIOLOGY 303, BIOLOGY 360

MAJOR - UNIQUE REQ & WRTNG - 15 UNITS

1. BIOLOGY 303
2. PHYSCS 170
3. MATH 152
4. GEOGRPY 323

MINOR - CHEMISTRY REQUIRED - 25 UNITS

1. CHEM 102, CHEM 104, CHEM 251, CHEM 252, CHEM 261, CHEM  
262, CHEM 352

**INTEGRATED SCIENCE - BUSINESS (BS)**

MAJOR - 42-52 CREDITS

1. SELECT 6 CREDITS OF UPPER DIVISION BUSINESS COURSES FROM ONE OF THE  
FOLLOWING AREAS:

ACCOUNTING, BUSINESS EDUCATION AND OFFICE SYSTEMS, ECONOMICS,  
FINANCE AND BUSINESS LAW, MANAGEMENT, MANAGEMENT COMPUTER  
SYSTEMS OR MARKETING.



2. SELECT 15-20 CREDITS FROM AT LEAST TWO OR MORE OF THE FOLLOWING AREAS:
  - a. BIOL 630-141, 630-142
  - b. CHEM 640-102, 640-104
  - c. GEOL 616-100
  - d. PHYS 800-160 OR 800-162 OR 800-172 OR 800-173
  - e. ANY BIOLOGY, CHEMISTRY, GEOLOGY, OR PHYSICS COURSE WHICH HAS ONE OF THE ABOVE AS A PREREQUISITE OR IS AN ADVANCED MAJORS COURSE. (STUDENTS TAKING PHYSICS COURSES, AS PART OF THE SCIENCE CORE OR SCIENCE EMPHASIS, THAT REQUIRE MATH 760-254 AS A PREREQUISITE MAY USE 760-254 AS PART OF THEIR SCIENCE CORE 20 CREDIT REQUIREMENT.)
3. SELECT 12-17 CREDITS, ALL FROM AT MOST TWO OF THE SCIENCE AREAS: BIOLOGY, CHEMISTRY, GEOLOGY, PHYSICS.
4. 200/600-481 INTEGRATED SCIENCE MANAGEMENT
5. 200/600-485 INTEGRATED SCIENCE-BUSINESS SENIOR PROJECT
6. 200/600-493 SCIENCE-BUSINESS INTERNSHIP

#### DEGREE - UNIQUE REQ

1. ECON 230-211, 230-212
2. MATH 760-152
3. MATH 760-250 OR 760-253

#### **BIOLOGY-EARLY ENTRANCE PRE-PROFESSIONAL EMPHASIS**

Must have 24 or higher Math ACT subscore to qualify for emphasis.

#### MAJOR - 59-60 CREDITS

1. BIOL 630-141, 630-142, 630-251, 630-253, AND 630-300
2. CHEM 640-102, 640-104, 640-251, 640-252, 640-261 AND 640-456
3. MATH 760-152 AND 760-253
4. SELECT ONE GROUP:
  - a. PHYS 800-160, 800-161, 800-162, 800-163OR
  - b. 800-170, 800-172, 800-173, 800-174, 800-175

5. STUDENT MUST TRANSFER BACK AN ADDITIONAL 30 CREDITS, THAT HAVE BEEN PRE-APPROVED BY THE DEPARTMENT CHAIR, FROM AN APPROVED, ACCREDITED HEALTH PROFESSIONAL SCHOOL TO COMPLETE THE DEGREE.
6. THE REQUIREMENT OF 15 CREDITS TAKEN AT UW-WHITEWATER IMMEDIATELY PRIOR TO GRADUATION WILL BE WAIVED.

## **BIOLOGY - GENERAL (BSE)**

### LICENSURE - 40 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. BIOL 630-257 RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM SPED 480-205

### MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-253, 630-257 AND 630-375
3. BIOL 630-390 AND 630-400
4. BIOL 630-351 OR 630-353 OR 630-317
5. BIOL 630-340 OR 630-341 OR 630-345
6. SELECT ADDITIONAL CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-110, 630-120, 630-200, 630-214, 630-230, 630-300, 630-303, 630-360 TO TOTAL 34 CREDITS IN THE MAJOR

### MAJOR - UNIQUE REQ & WRTNG - 15-19 CREDITS

1. BIOL 630-300 OR 630-303 RLS
2. CHEM 640-102 AND 640-104 RLS
3. MATH 760-152 OR 760-243 OR 760-250 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **BIOLOGY-CELL/PHYSIOLOGY (BSE)**

LICENSURE - 40 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. BIOL 630-257 RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM SPED 480-205

MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-253, 630-254 AND 630-311
3. BIOL 630-390 AND 630-400
4. COMPLETE ONE GROUP FROM THOSE LISTED BELOW: a. SELECT ONE COURSE FROM (BIOL 630-340 OR 630-341 OR 630-351) AND ONE COURSE FROM (BIOL 630-345 OR 317) b. BIOL 630-361 AND 630-362
5. BIOL 630-257 OR 630-353 OR 630-375 OR 630-446
6. SELECT ADDITIONAL CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-110, 630-120, 630-200, 630-214, 630-230, 630-300, 630-303, 630-360 TO TOTAL 34 CREDITS IN THE MAJOR

MAJOR - UNIQUE REQ & WRTNG - 23 CREDITS

1. BIOL 630-200 OR 630-303 RLS
2. CHEM 640-102 AND 640-104 RLS
3. CHEM 640-251 AND 640-252 RLS
4. MATH 760-152 OR 760-243 OR 760-250 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **BIOLOGY-ECOLOGY/FIELD (BSE)**

### LICENSURE - 40 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. BIOL 630-257 RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM SPED 480-205

### MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-257, 630-353 AND 630-446
3. BIOL 630-390 AND 630-400
4. BIOL 630-375 OR 630-454
5. BIOL 630-457 OR 630-467
6. BIOL 630-253 OR 630-340 OR 630-351
7. SELECT ADDITIONAL CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-110, 630-120, 630-200, 630-214, 630-230, 630-300, 630-303, 630-360 TO TOTAL 34 CREDITS IN THE MAJOR

### MAJOR - UNIQUE REQ & WRTNG - 18-22 CREDITS

1. BIOL 630-300 OR 630-303 RLS
2. CHEM 640-102 AND 640-104 RLS
3. MATH 760-152 OR 760-243 OR 760-250 RLS
4. MATH 760-231 OR 760-342 OR PSYC 840-215 OR BIOL 630-303 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **GENERAL SCIENCE-BROADFIELD BIOLOGY EMPHASIS (BSE)**

## LICENSURE - 40 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. BIOL 630-257 RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM SPED 480-205

## MAJOR - 58 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. SELECT 14 CRED FROM CHEMISTRY, PHYSICS OR EARTH SCIENCE (616-100, 616-204, 616-205, 616-300, 616-301, 616-314 THRU 616-319, 616-490 THRU 616-498, 805-112, 805-114, 722-210, 722-310, 722-320 AND 722-410) OR (DEPT 640) OR (800)
3. SELECT 10 CRED FROM EACH OF 2 SCIENCES NOT TAKEN PREVIOUSLY (616-100, 616-204, 616-205, 616-300, 616-314 THRU 616-319, 616-490 THRU 616-498, 805-112, 805-114, 722-210, 722-310, 722-320 AND 722-400) OR (DEPT 640) OR (800)
4. SELECT 11 CRED FROM BIOLOGY IN CONSULTATION WITH ADVISER. THE FOLLOWING COURSES DO NOT APPLY FOR CREDIT TOWARD THE MAJOR: BIOLOGY 630-120, 630-200, 630-214 630-230, 630-300 AND 630-303.

## MINOR/EMPHASIS

### BIOLOGY

## MINOR - 22 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. SELECT 10 CREDITS FROM BOTANY IN CONSULTATION WITH ADVISER. THE FOLLOWING COURSES DO NOT APPLY FOR CREDIT TOWARD THE MINOR: 630-120, 630-200, 630-214 AND 630-300.

## UNIQUE CHEMISTRY REQUIREMENT - 10 CREDITS

1. CHEM 640-102 AND 640-104 RLS

## BIOLOGY EDUCATION EMPHASIS

1. BIOL 630-141 AND 630-142
2. BIOL 630-257
3. CHEM 640-102
4. BIOL 630-251 AND 630-446

## **DEPARTMENT OF CHEMISTRY**

*Phone:* 262-472-1070

*E-Mail:* chemistry@uwwvax.uww.edu

*Faculty:* Kathryn Asala, Steven Anderson, Edward Drexler, Baocheng Han, Philip Johns (Chairperson), Hephzibah Kumpaty, Lisa Petro, Hassimi Traore.

Chemistry is the science concerned with the composition, properties, and changes of the substances of nature including the familiar solids, liquids and gases of the physical world as well as the less familiar components of all living systems. The primary objective of the courses in the Department of Chemistry is to provide a sound background in the basic fundamentals and techniques of chemistry in order to insure success in the professional career of the graduate whether it be as a chemist, a member of any of the health sciences, or a member of the other physical or natural sciences. A secondary objective is to provide both science and non-science students with an insight into the influence of chemistry on daily living. The taking of assessment tests is a requirement for graduation.

## **MAJORS/EMPHASIS**

### **CHEMISTRY (BA/BS)**

#### **MAJOR - 35 CREDITS**

1. CHEM 640-102, 640-104, 640-251, 640-252, 640-261, 640-262, 640-352, 640-370, 640-371, 640-470 AND 640-471

#### **SPECIAL MAJOR REQUIREMENT - 4 CRED**

1. MATH 760-255 AND PHYS 800-175 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**CHEMISTRY (BSE)**

LICENSURE - 40 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM SPED 480-205

MAJOR - 34 CREDITS

1. CHEM 640-102, 640-104, 640-251, 640-252, 640-261, 640-262, 640-352, 640-370 AND 640-371
2. SELECT 3 CRED FROM CHEMISTRY

SPECIAL MAJOR REQUIREMENT - 4 CREDITS

1. MATH 760-255 AND PHYS 800-175 RLS

WRITING - 3 CREDITS

1. ENGL 680-372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**GENERAL SCIENCE - BROADFIELD CHEMISTRY EMPHASIS (BSE)**

LICENSURE - 40 CREDITS

1. C&I 437-466

2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  1. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  2. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM SPED 480-205

#### MAJOR - 58 CREDITS

1. SELECT 24 CRED FROM CHEMISTRY
2. SELECT 14 CRED FROM BIOLOGY, PHYSICS OR EARTH SCIENCE (616-100, 616-204, 616-205, 616-300, 616-301, 616-314 THRU 616-319, 616-490 THRU 616-498, 805-112, 805-114, 722-210, 722-310 AND 722-320) OR (DEPT 630) OR (800)
3. SELECT 10 CRED FROM EACH OF 2 SCIENCES NOT TAKEN PREVIOUSLY (GEOL 616-100, 616-204, 616-205, 616-300, 616-314 THRU 616-319, 616-490 THRU 616-498, GEOG 722-210, 722-310, 722-320, PHYS 800-114 AND ASTR 805-112) OR (DEPT 630 BIOL) OR (800 PHYS)

#### WRITING - 3 CREDITS

1. ENGL 680-372 RLS

#### MINOR

#### CHEMISTRY

#### MINOR - 25 CREDITS

1. HEM 640-102, 640-104, 640-251, 640-252, 640-261, 640-352
2. SELECT 1 COURSE FROM CHEMISTRY AT THE 200 LEVEL OR HIGHER (EXCLUDING 640-498)

## 640 COURSE DESCRIPTIONS



**640-100 CHEMISTRY FOR THE CONSUMER GL 4 cr**

A critical examination of those chemical products which have a significant impact upon the daily life of the consumer. Attention will be focused from the consumer viewpoint upon food additives, prescription and non-prescription drugs, fuels, pesticides, detergents, synthetic fibers and plastics. Meets General Studies laboratory science requirements.

Coreq: 760-140 or 760-141 or consent of instructor.

**640-102 INTRODUCTORY CHEMISTRY GL 5 cr**

An introduction to the general concepts of chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, changes of state, thermochemistry, acid-base theory, solutions, colloids, kinetics, equilibria and electrochemistry.

Prereq: Math 760-141 with a grade of C or better or waiver thereof.

**640-104 INTRODUCTORY CHEMISTRY GL 5 cr**

A continuation of 640-102.

Prereq: 640-102.

**640-251 ORGANIC CHEMISTRY 3 cr**

Introductory chemistry of the compounds of carbon, their structures and reactions. Three hours of lecture per week.

Prereq: 640-104.

**640-252 ORGANIC CHEMISTRY 3 cr**

A continuation of 640-251. Three hours of lecture per week.

Prereq: 640-251.

**640-261 ORGANIC CHEMISTRY LABORATORY 2 cr**

Basic organic manipulative techniques and simpler syntheses are considered. Spectroscopic topics are introduced. Generally taken concurrently with 640-251. Two three-hour laboratories per week.

Coreq: 640-251.

**640-262 ORGANIC CHEMISTRY LABORATORY 2 cr**

A continuation of 640-261. Includes more advanced synthetic work and spectroscopic techniques. Generally taken concurrently with 640-252. Two three-hour laboratories per week.

Prereq: 640-261, 640-252 or con reg in 640-252.

**640-352 QUANTITATIVE ANALYSIS 5 cr**

An introduction to volumetric, gravimetric and photometric techniques and fundamental methods of instrumental analysis. Three one-hour lectures and two three-hour laboratory periods per week.

Prereq: 640-104.

**640-370 PHYSICAL CHEMISTRY 3 cr**

A course in the fundamentals of physical chemistry.

Prereq: 640-352.

Coreq: 760-255 (Mathematics) and 800-175 (Physics).

**640-371 PHYSICAL CHEMISTRY 3 cr**

A continuation of 640-370.

Prereq: 640-370.

**640-455/655 ADVANCED ORGANIC CHEMISTRY 3 cr**

Lectures on advanced topics in organic chemistry.

Prereq: 640-252 and cons instr.

**640-456 BIOCHEMISTRY 3 cr**

An introduction to the chemistry of biological systems. The compounds of living organisms, i.e., vitamins, enzymes, proteins, carbohydrates, lipids and nucleic acids, are studied. Intermediary metabolism and biological control are introduced.

Prereq: 640-252 or cons instr.

**640-460 ADVANCED INORGANIC CHEMISTRY 4 cr** Atomic and molecular structures, chemical bonding and periodic properties of the elements. Synthesis, characterization and structures of the compounds involving both representative and transition elements, organometallic and bioinorganic compounds and their applications. Group theory and bonding theories.

Prereq: 640-252, 640-261 and 640-352.

Coreq: 640-371 or consent of instructor.

**640-470 EXPERIMENTAL PHYSICAL CHEMISTRY 2 cr**

A laboratory course in experimental physical chemistry. Experiments from various areas of physical chemistry will be performed. Four hours of laboratory per week.

Coreq: 640-370.

**640-471 EXPERIMENTAL PHYSICAL CHEMISTRY 2 cr**

A continuation of 640-470. Four hours of laboratory per week.

Prereq: 640-470 and either 640-371 or con reg in 640-371.

**640-480 INSTRUMENTAL METHODS OF ANALYSIS 4 cr**

A survey of optical and electrometric determinations, separation methods and basic instrumentation as applied to chemical analysis. Two one-hour lectures and two three-hour laboratory periods per week.

Prereq: 640-252, 640-352.

**640-490/690 WORKSHOP 1-4 cr** Repeatable two times for a maximum of 8 credits in degree.

**640-494 CHEMISTRY SEMINAR 0-1 cr**

Repeatable for a maximum of 2 credits in major. Credits in this course may not be used to fulfill minor requirements in Chemistry.

Prereq: Consent of instructor.

**640-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable two times for a maximum 6 credits in degree.

**GEOGRAPHY & GEOLOGY**

**640-498 INDEPENDENT STUDY IN CHEMISTRY 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

Prereq: Cons instr.

**DEPARTMENT OF ECONOMICS**

*Phone:* 262-472-1361

*E-Mail:* economics@uwwvax.uww.edu

Refer to the College of Business and Economics for complete information on the Department. Only the requirements for the BA/BS major and the L&S minor are listed here.

**MAJOR**

**ECONOMICS (BA/BS)**

Students in the College of Letters and Sciences are required to have:

1. a minimum overall GPA of 2.0.
2. a minimum grade point of 2.0 in their major.

MAJOR - 27 CREDITS & 2.00 GPA

1. ECON 230-212, 230-245, 230-404, 230-411 AND 230-412
2. SELECT 12 ELECTIVE CRED (300 AND 400) IN ECONOMICS

UNIQUE MAJOR AND WRITING REQ. - 9-11 CREDITS

1. ECON 230-211 AND B ED 220-353 RLS
2. MATH 760-243 (GM) OR 760-250 (GM) RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**MINOR/EMPHASIS**

ECONOMICS - L&S EMPHASIS

MINOR - 20 CREDITS

1. ECON 230-211 AND 230-212
2. SELECT 14 CRED FROM ECONOMICS NUMBERED 230-240 OR HIGHER. IF YOU ARE A BBA STUDENT, THE ECON COURSES APPLIED TO YOUR DEGREE REQUIREMENTS WILL NOT BE LISTED HERE BUT THEY CAN BE APPLIED TO THE MINOR; CHECK WITH THE ECON DEPT FOR INFORMATION.

## **PROGRAM OF GEOGRAPHY**

*Phone:* 262-472-1071

*E-Mail:* [geography@uwwvax.uww.edu](mailto:geography@uwwvax.uww.edu)

*Faculty:* Howard Botts, Jayati Ghosh, David Goldblum, Peter Jacobs, John Patterson (Chairperson), Donald Rambadt, Carol Rosen, David Travis.

**GEOGRAPHY**

Geography is the discipline that studies where and why physical and human phenomena, such as cities, crime, poverty, pollution, landforms, climate, and various resources, are distributed as they are. Geographers also develop ideas and recommend how different policies and relocations of phenomena, such as health care facilities, political boundaries, waste disposal sites, public service agencies, and business firms might better serve humans and their environment.

The four traditions in geography suggest the broad range of interests addressed within the discipline and the discipline's bridging role between the natural and social sciences. These traditions are: 1) the earth science tradition or physical geography; 2) the human-land tradition devoted to investigating the interactions between human and physical phenomena; 3) the regional-international tradition which involves the study of world regions and international trends and relationships; and, 4) the spatial analysis tradition which stresses systematic and technical training for analyzing topics, problems and plans at various geographic scales, ranging from global to regional to an individual city or neighborhood.

Owing to the primary locational concern of the discipline, many geography graduates have found employment in public and private organizations engaged in location analysis, transportation planning, urban and regional planning, real estate development, resource management and local, state and federal government positions, in addition to positions in teaching. Geographic Information Systems (GIS) skills are of growing importance to the discipline and prepare students for various careers and graduate school. Fischer Scholarships are available each semester for students enrolled in a College of Education program and majoring or minoring in geography and selected geography majors actively involved in teaching other students. Interested students should contact the Department of Geography.

## **MAJORS/EMPHASES**

### **GEOGRAPHY GENERAL (BA/BS)**

#### **MAJOR - 36 CREDITS**

1. INTRODUCTORY LEVEL (100s-200s, excluding HISTRY 200): SELECT 9-12 UNITS

2. METHODS COURSE: HISTRY 200

3. UPPER LEVEL (300s-400s): SELECT 18-21 UNITS

4. SENIOR SEMINAR: HISTRY 499

5. THE COURSES CHOSEN TO COMPLETE REQUIREMENTS #1 AND #3 MUST SATISFY THE FOLLOWING BREADTH AND DEPTH REQUIREMENTS.

A. CHRONOLOGICAL BREADTH. SELECT AT LEAST 6 UNITS OF PRE-MODERN HISTORY. HISTRY 124, HISTRY 130, HISTRY 154, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 313, HISTRY 316, HISTRY 324, HISTRY 333, HISTRY 342, HISTRY 351, HISTRY 355, HISTRY 360, HISTRY 371, HISTRY 380, HISTRY 425, HISTRY 451 AND HISTRY 452

B. DEPTH. SELECT AT LEAST 12 UNITS FROM ONE OF THE FOLLOWING GROUPS.

1. EUROPEAN HISTORY: HISTRY 154, HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 355, HISTRY 360, HISTRY 367, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 380, HISTRY 381, HISTRY 451, HISTRY 452, OR HISTRY 460

2. AFRICAN, ASIAN, LATIN AMERICAN OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433 AND HISTRY 434

3. US HISTORY: HISTRY 1124, HISTRY 125, HISTRY 141, HISTRY 190, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 313, HISTRY 314, HISTRY 316, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 403, HISTRY 425 AND CHICANO 310

4. INDIVIDUALLY DESIGNED THEMATIC CONCENTRATION. REQUIRES HISTORY DEPARTMENT APPROVAL.

C. GEOGRAPHICAL/THEMATIC BREADTH SELECT AT LEAST 3 UNITS IN EACH OF THE THREE AREAS NOT CHOSEN FOR THE DEPTH REQUIREMENT.

1. EUROPEAN HISTORY: HISTRY 154, HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 355, HISTRY 360, HISTRY 367, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 380, HISTRY 381, HISTRY 451, HISTRY 452, OR HISTRY 460

2. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433, AND HISTRY 434

3. U.S. HISTORY: HISTRY 124, HISTRY 125, HISTRY 141, HISTRY 190, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 313, HISTRY 314, HISTRY 316, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 403, HISTRY 425 AND CHICANO 310

4. GLOBAL/COMPARATIVE HISTORY: HISTRY 190, HISTRY 326, HISTRY 333, HISTRY 335, HISTRY 360, HISTRY 367, HISTRY 455\*, HISTRY 493

\* Depending on the term's offering, this course may fulfill other geographic breadth requirements for the major.

#### UNIQUE REQUIREMENT (5-6 U)

1. ARTS OR LITERATURE: SELECT 2-3 UNITS FROM COURSES: ARTHIST 201, ARTHIST 202, ARTHIST 305, ARTHIST 311 THRU 319; MUSC 140, MUSC 143, MUSC 144, MUSC 244 THRU 247; THEATRE 100, THEATRE 110; ENGLISH 200 THRU 265

2. SOCIAL SCIENCES: SELECT 3 UNITS FROM COURSES: ECON 211, ECON 212, ECON 213, GEOGRPHY 230, POLISCI 250, POLISCI 217, POLISCI 247, ANTHROPL 110, ANTHROPL 218

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**HONORS IN HISTORY:** Students must file an application for Honors in History with the Department Chairperson during the first term of their Senior year. Honors in History can be earned by completing the following:

- a. 3.5 or above GPA in the History major
- b. Minimum of 3 History units at the 400 level (in addition to HISTRY 499)

#### **GEOGRAPHY GEOLOGY EMPHASIS (BA/BS)**

MAJOR - 34 UNITS

1. GEOGRPY 100
2. GEOGRPY 201 OR GEOLGY 100 OR GEOLGY 101
3. GEOGRPY 230, GEOGRPY 270 AND GEOGRPY 480
4. GEOLGY 204, GEOLGY 205, GEOLGY 315, GEOLGY 316 AND GEOLGY

318

5. SELECT AT LEAST 3 UNITS FROM COURSES:

GEOGRPY 310, GEOLGY 206, GEOLGY 300, GEOLGY 301, GEOLGY 317, GEOLGY 319 OR GEOLGY 492

MAJOR - WRITING REQUIREMENT ( 3 UNITS)

1. ENGLISH 372 OR ENGLISH 370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

UNIQUE TRAINING RECOMMENDATIONS:

1. Students who plan to become professional geologists MUST complete the Physical Science minor including the following courses and MATH 254: MATH 253, PHYSCS 170 THRU 175 or PHYSCS 160 THRU 163, CHEM 102 AND CHEM 104.

2. Students who plan to become professional geologists should complete a 5 unit or more summer geology field school approved by the geology coordinator after completion of GEOLGY 315, GEOLGY 316 and GEOLGY 318.

3 Those students interested in a career in paleontolgy should complete BIOLOGY 141 AND BIOLOGY 142.

**GEOGRAPHY INTERNATIONAL/REGIONAL (BA/BS)**

**MAJOR - 34 CREDITS**

1. GEOG 722-100, 722-210, 722-230 AND 722-270
2. GEOG 722-480
3. SELECT 9 CRED FROM REGIONAL COURSES GEOG 722-261, 722-362, 722-363, 722-364, 722-365, 722-366, 722-368, 722-485, 722-491 AND 722-492
4. SELECT 6 ELECTIVE CRED FROM COURSES GEOG 722-332, 722-334, 733-340, 722-452
5. SELECT 3 ELECTIVE CREDITS FROM GEOGRAPHY COURSES (CAN INCLUDE THOSE LISTED ABOVE)

**MAJOR - WRITING REQUIREMENT (3 CR)**

1. ENGL 680-370 OR 680-372



AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **GEOGRAPHY PHYSICAL/ENVIRONMENTAL (BS)**

### **MAJOR - 34 CREDITS**

1. GEOG 722-100, 722-210 AND 722-270
2. GEOG 722-230 OR 722-252
3. GEOG 722-480
4. SELECT 6-9 ELECTIVE CRED FROM PHYSICAL SYSTEMS COURSES GEOG 722-300, 722-310, 722-320, 722-330, 722-410
5. SELECT 6-9 ELECTIVE CREDITS FROM ENVIRONMENTAL SYSTEMS COURSES GEOG 722-323, 722-377, 722-420, 722-452, AN APPROVED 722-496
6. OPTIONAL COURSES (MAXIMUM 3 CRED) GEOL 616-301 OR BIOL 630-257
7. SELECT 3-6 CRED FROM TECHNIQUES COURSES GEOG 722-290, 722-370, 722-377, 722-440, 722-450, AND AN APPROVED 722-496

### **MAJOR - WRITING REQUIREMENT (3 CR)**

1. ENGL 680-372 PRIOR TO ENROLLING IN GEOG 722-480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **GEOGRAPHY TECHNIQUES (BA/BS)**

### **MAJOR - 34 CREDITS**

1. GEOG 722-100, 722-210, 722-230 AND 722-270
2. GEOG 722-480
3. SELECT 9 CRED FROM COURSES GEOG 722-290, 722-370 AND 722-377
4. SELECT 6 CRED FROM ADVANCED TECHNIQUES COURSES GEOG 722-440, 722-485, AN APPROVED 722-496
5. SELECT 3 ELECTIVE CRED FROM ANY 300 OR 400 LEVEL GEOGRAPHY COURSES

### **MAJOR - WRITING REQUIREMENT (3 CR)**

1. ENGL 680-370 OR 680-372 PRIOR TO ENROLLING IN GEOG 722-480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **GEOGRAPHY URBAN/AREA DEVELOPMENT (BA/BS)**

#### **MAJOR - 34 CREDITS**

1. GEOG 722-100, 722-210, 722-230, 722-270
2. GEOG 722-480
3. SELECT 6 CRED FROM URBAN/AREA COURSES GEOG 722-340, 722-344, OR 722-444/666
4. SELECT 6 CRED FROM TECHNIQUES COURSES GEOG 722-290, 722-370, 722-377, OR 722-440/640
5. SELECT 3 CRED FROM REGIONAL COURSES GEOG 722-362, 722-363, 722-364, 722-365, 722-368
6. SELECT 3 CRED FROM GEOGRAPHY COURSES

### **MAJOR - WRITING REQUIREMENT (3 CR)**

1. ENGL 680-370 OR 680-372 PRIOR TO ENROLLING IN GEOG 722-480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **GEOGRAPHY (BSE)**

#### **LICENSURE - 42-43 CREDITS**

1. EDFD 423-212, 424-425 AND C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING

- a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
- b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM SPED 480-205

### **MAJOR - 34 CREDITS**

1. GEOG 722-210, 722-230, 722-250, 722-270 AND 722-340
2. SELECT 3 CRED FROM COURSES IN REGIONAL GEOGRAPHY 722-362, 722-363, 722-364, 722-365, 722-366, 722-368
3. GEOG 722-480
4. SELECT 9 CRED FROM GEOGRAPHY IN CONSULTATION WITH ADVISER

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **GENERAL SCIENCE-BROADFIELD EARTH SCIENCE EMPHASIS (BSE)**

#### **LICENSURE - 40 CREDITS**

1. EDFD 423-212, 424-425 AND C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. SELECT 3 CREDITS FROM COURSE C&I 439-492
8. SELECT 3 CREDITS FROM SPED 480-205

### **MAJOR - 58 CREDITS**

1. SELECT 24 CRED FROM EARTH SCIENCE COURSES FROM PHYSICAL GEOGRAPHY, GEOLOGY AND ASTRONOMY GEOL 616-100, 616-204, 616-205,

- 616-300, 616-301, 616-314 THRU 616-319, 616-490 THRU 616-498, ASTR 805-112, 805-114, GEOG 722-210, 722-310, 722-320 OR 722-410
2. SELECT 14 CRED FROM CHEMISTRY OR BIOLOGY OR PHYSICS
  3. CHOOSE 2 GROUPS FROM THOSE LISTED BELOW:
    - a. SELECT 10 CRED FROM BIOL DEPT 630
    - b. SELECT 10 CRED FROM CHEM DEPT 640
    - c. SELECT 10 CRED FROM PHYS DEPT 800

## **SOCIAL STUDIES-BROADFIELD GEOGRAPHY I EMPHASIS (BSE)**

### **LICENSURE - 42-43 CREDITS**

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM SPED 480-205

### **MAJOR - 54 CREDITS**

1. GEOG 722-210, 722-230, 722-270 AND 722-480
2. SELECT A 3 CRED REGIONAL COURSE AT THE 300 LEVEL FROM GEOG COURSES GEOG 722-362 THRU 722-368
3. SELECT 20 CRED FROM DEPTS OF ANTHROPOLOGY, ECONOMICS, HISTORY, POLITICAL SCIENCE, PSYCHOLOGY AND SOCIOLOGY AT LEAST 2 DEPTS ARE REQUIRED
4. SELECT 15 CRED FROM GEOGRAPHY IN CONSULTATION WITH ADVISER

## **SOCIAL STUDIES-BROADFIELD GEOGRAPHY II EMPHASIS (BSE)**

### **LICENSURE - 42-43 CREDITS**

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM SPED 480-205

### **MAJOR - 54 CREDITS**

1. GEOG 722-210, 722-230 AND 722-270
2. SELECT A 3 CRED REGIONAL COURSE AT THE 300 LEVEL FROM GEOG COURSES GEOG 722-362 THRU 722-368
3. SELECT 32 CRED IN 3 OTHER SOCIAL SCIENCES: ANTHROPOLOGY, ECONOMICS, HISTORY, POLITICAL SCIENCE, PSYCHOLOGY AND SOCIOLOGY
4. SELECT 6 CREDITS FROM GEOGRAPHY COURSES

15 cr. Add-on for Geography Licensure (for Holders of the Broadfield Social Studies License, 701). 15 semester credits of upper level or graduate courses. At least 6 cr. of topical courses: to include 722-332, 722-334, 722-337/537, 722-340, 722-344 and 722 430. At least 3 cr. of regional courses: to include 722-362, 722-363, 722-364, 722-365, 722-366 and 722-368. Courses to be completed within five years of the date when the additional licensure is requested and at least 9 cr. must be earned at Whitewater.

Writing Proficiency Requirement for each degree: See chairperson for course(s) that satisfy this requirement.

## **MINORS/EMPHASIS**

### **ENVIRONMENTAL STUDIES**

#### **MINOR 24 CREDITS**

1. SELECT 9-12 CRED FROM COURSES BIOL 630-214, GEOL 616-300, 616-301, GEOG 722-323, 722-420, BIOL 630-467, GEOG 722-496, BIOL 630-257, CHEM 640-102 OR 640-102
2. SELECT 6-9 CRED FROM COURSES GEOG 722-252, 722-337, ECON 230-471, SOC 880-362, SFTY 462-457, 463-420, GEOG 722-452 AND SFTY 462-484
3. SELECT 6-9 CRED FROM COURSES ENGL 680-372, BIOL 630-303, MATH 760-230, 760-231, 760-342, GEOG 722-377, 722-475, SFTY 462-480 AND XXX-493 (1-3 CR FROM ANY APPROPRIATE DEPT)

This interdisciplinary minor combines information from a wide range of courses, all of which focus on some aspect of environmental studies. Participating departments and programs include Biological Sciences, Economics, Geography and Geology, Safety Studies and Sociology. Upon completion, the student will have gained knowledge about many aspects of present-day environmental issues including 1) the natural processes of environmental systems, 2) the social and economic influences on the environment and the regulatory controls enacted to protect both the environment and human health, and 3) the techniques currently being used to study environmental problems. The minor, in combination with their selected major, is suitable to prepare students for possible careers related to the study of the environment or future graduate study.

### **GEOGRAPHY**

#### **MINOR - 23 CREDITS**

1. GEOG 722-210, 722-230 AND 722-270
2. SELECT 3 CRED FROM REGIONAL COURSES GEOG 722-362, 722-363, 722-364, 722-365, 722-366 AND 722-368

3. SELECT 3 CRED FROM SYSTEMATIC COURSES GEOG 722-320, 722-323, 722-332, 722-334, 722-337, 722-340, 722-344 AND 722-350
4. SELECT 6 CREDITS FROM GEOGRAPHY COURSES. AT LEAST 3 CREDITS MUST BE 300 OR 400 LEVEL.

## **GEOGRAPHY ELEMENTARY EDUCATION EMPHASIS**

### **MINOR - 23 CREDITS**

1. GEOG 722-210, 722-230, 722-250 AND 722-275
2. SELECT 3 CRED FROM REGIONAL COURSES GEOG 722-261, 722-362, 722-363, 722-364, 722-365, 722-366 AND 722-368
3. SELECT 3 CRED FROM SYSTEMATIC COURSES GEOG 722-320, 722-323, 722-332, 722-334, 722-337, 722-340, 722-344 AND 722-350
4. SELECT 3 ELECTIVE CREDITS FROM GEOGRAPHY DEPT

## **URBAN & AREA DEVELOPMENT**

### **MINOR - 24 CREDITS**

1. ECON 230-438, GEOG 722-344, 722-350, PSCI 820-446 AND SOC 880-352
2. 9 ELECTIVE CRED MUST BE DETERMINED IN CONSULTATION WITH ADVISER. NO MORE THAN 3 CRED OF ELECTIVES CAN BE FROM MAJOR AREA, EXCLUDING CORE COURSES.

Administered by the Department of Geography and Geology, the minor consists of 24 credits drawn from several departments in the College of Letters and Sciences and College of Business and Economics. A core curriculum of 15 required credits and 9 credits of electives is required. Students interested in this minor should contact the Chair of the Geography Department or Coordinator of the Urban and Area Development Minor Program.

## **CERTIFICATE**

### **GEOGRAPHIC INFORMATION SYSTEMS CERTIFICATE**

Geographic Information System (GIS) technology is one of the fastest growing areas within the field of Geography. Although geographical by nature, the growth of GIS

can be partially attributed to its application by a wide variety of businesses and governmental agencies. As such, the use of GIS is becoming more ubiquitous in careers falling outside the traditional definition of Geography. Employment skills in fields such as criminology, marketing, engineering, and agriculture, as well as more traditional geographic fields such as land use planning, site location, and environmental monitoring rely heavily on GIS in day to day work. Students from other disciplines may wish to have a functional knowledge of GIS, but without majoring in the Geography. The certificate program offered by the Department of Geography and Geology is designed to provide the GIS skills necessary for both Geographers and professionals working outside the traditional bounds of a Geography degree. By completing the GIS certificate program, students will be prepared to enter a highly technical and growing career field.

#### CERTIFICATE - 12 UNITS

1. GEOGRPY 270
2. GEOGRPY 370
3. GEOGRPY 340, GEOGRPY 377
4. GEOGRPY 440, GEOGRPY 470
5. GEOGRPY 485, GEOGRPY 496 OR OTHER UPPER LEVEL TECHNICAL COURSE MAY BE SUBSTITUTED FOR ONE OF THE CERTIFICATE PROGRAM COURSES, WITH INSTRUCTOR APPROVAL.

## **722 COURSE DESCRIPTIONS**

Note: Field trips may be required for any of the courses. Although few geography classes require prerequisites, a general studies geography course is recommended before attempting advanced courses. Students with little background in geography should consult the appropriate instructor before registering for upper division courses.

### **722-100 INTRODUCTION TO GEOGRAPHY 1 cr**

Introduction to Geography introduces students to the specialties within geography, outlines the academic tracks within the major and associated requirements, and explores public and private career opportunities in the field of geography. Required of all majors at earliest opportunity.

Prereq: Must be a declared Geography major.



**722-210 PHYSICAL GEOGRAPHY GL 5 cr**

A study of selected physical aspects of our geographic environment. Emphasis is given to the origin and characteristic features of topographic, climatic, vegetative and soil regions of the earth and to their interrelationships. The ultimate objective is to provide a foundation upon which to build a better understanding of human interrelationships with the physical environment. Field trips are normally taken.  
Coreq: 760-141

**722-230 HUMAN GEOGRAPHY 3 cr**

A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.

**722-250 GEOGRAPHY OF WISCONSIN GS 3 cr**

A systematic treatment of physical and cultural geographic phenomena. Emphasis is placed on the interrelationships and interactions of these phenomena from place to place within the state.

**722-252 HUMAN ENVIRONMENTAL PROBLEMS GS 3 cr**

An introduction to environmental problems and their complexities. Attention is given to alternative solutions to such problems and the implications these alternatives have for the total environment. The course emphasizes the evaluation of the interrelationships between the environmental resource demands of people and the actual resource base of the earth.

**722-261 GEOGRAPHY OF CANADA AND THE UNITED STATES OF AMERICA GS 3 cr** A regional survey of the United States and Canada. Special attention is given to the physical, cultural and economic geography of the two countries.

**722-270 INTRODUCTION TO MAPPING 3 cr**

An introduction to the quantitative and qualitative mapping techniques applicable to the physical and social sciences. Included are the skills required to create clear, concise and aesthetically pleasing maps, as well as how to derive information from them. Both graphic and cartographic software packages will be utilized to create and evaluate maps. Field trips are normally taken.

**722-275 GEOGRAPHIC CONCEPTS AND TECHNIQUES FOR TEACHERS 3 cr**

The study of the fundamental principles of Geography and the interpretation and analysis of that knowledge. Emphasis is placed on the application of geographic knowledge to educational pursuits.

Prereq: 722-210 and 722-230 and six additional credits of Geography.

### **722-290 SPATIAL ANALYSIS 3 cr**

Presentation and interpretation of data, use descriptive statistics and measures of spatial patterns, introduction to statistical inference and measures of association, with particular reference to geographic examples. Students will become proficient in using computers to achieve these skills.

Prereq: 760-143

## **GEOGRAPHY & GEOLOGY**

### **722-300 SOIL SCIENCE 3 cr**

Soil science deals with the systematic description, analysis, and understanding of soils and how they interact with and drive environmental processes and ecosystems. This course will examine the properties, formation, classification, and distribution of soil, stressing the connections between environmental controls on their formation and distribution. Field trips required.

Prereq: 722-210 or 616-100

### **722-310 GEOMORPHOLOGY (LANDFORMS) 3 cr**

A study of topographic landscapes and their evolution. Two hours per week of lecture and map study. Field trips are normally taken.

Prereq: 722-210 or 616-100 or consent of instructor.

### **722-320/520 METEOROLOGY AND CLIMATE 3 cr**

Begins with fundamental relationships among earth, sun and air. Common myths concerning weather phenomena are dispelled through in-depth explanation in everyday language of the physical laws that govern atmospheric functioning. The course terminates with a survey of world climate regions.

Prereq: 722-210 or consent of instructor.

### **722-323/523 WATER RESOURCES 3 cr**

Following a treatment of the character, process-involvement, and distribution of water, the significance of water as a resource in a modern society will be considered. The course will culminate in an evaluation of the development-management, use, and conservation of water within the contexts of the hydrologic cycle and watershed. Field trips are normally taken.

Prereq: 722-210 or consent of instructor.

### **722-330 BIOGEOGRAPHY 3 cr**

This course provides an introduction to biogeography, the study of distributions of organisms. This course will combine both historical and ecological perspectives in analyzing plant and animal distributions. Human impacts on biotic distributions will

also be discussed in some detail.

Prereq: 722-210 or 630-120

**722-332 POLITICAL GEOGRAPHY 3 cr**

A geographical study of international conflicts and relations, geopolitical strategies and processes, and the variation of political phenomena from place to place in relation to changing economic and cultural environments in the national as well as global contexts.

Prereq: 722-230 or junior standing or consent of instructor.

**722-334 HISTORICAL GEOGRAPHY 3 cr**

An analysis of the evolution of the geographic patterns of population and human activities in major United States regions.

Prereq: 722-230 or junior standing or consent of instructor.

**GEOGRPY 336 WOMEN IN ASIA: ENVIRONMENT, WORK, AND DEVELOPMENT, 3 u**

This course will focus on understanding broad cultural/global issues and gender relations in three regions of Asia: East, Southeast, and South. The course will focus on theoretical explanations, demographic, employment, environmental, and socio-cultural processes and how these influence gender issues.

Prereq: GENED 140 OR GEOGRPY 230 OR SOCIOLOGY 290 OR SOCIOLOGY 385

**722-337/537 RECREATION REGIONS AND SYSTEMS 3 cr**

Initial segments of the course focus upon an evaluation of spatial elements of the recreation phenomenon and the development of recreation areas for the express purpose of providing a background for subsequent analysis of existing recreation plans and formulation of a conceptual framework for the development of future recreation regions. Field trips are normally taken.

Prereq: 722-230 or junior standing or consent of instructor.

**722-340 ECONOMIC GEOGRAPHY 3 cr**

The study of the spatial organization of economic activities, including patterns of production, exchange and consumption. A broad introduction to locational behavior is presented and applied examples are stressed.

Prereq: 722-230 or junior standing or consent of instructor.

**722-344 URBAN GEOGRAPHY 3 cr**

The intraurban consideration of various land-use and population characteristics of cities, their patterns, interrelations and changes is followed by the interurban study of locations, size, spacing, types and functions of urban settlements. Field trips are

normally taken.

Prereq: 722-230 or junior standing or consent of instructor.

### **GEOGRPY 346 GLOBALIZATION AND THE CITY 3 u**

This course will focus on understanding the processes of globalization, urban and regional development theories, emergence of the global city, and influence of globalization on urban development. This course will examine the role of cities across the world and the relationship between urban change and economic, political, and cultural globalization.

Prereq: GEOGRPY 230

### **GEOGRPY 352 GEOHAZARDS 3 u**

The course will focus on the physical processes that create environmental hazards (e.g. earthquakes, volcanoes, severe weather), the primary controls on their frequency and intensity, and how human decision-making can influence the magnitude of impact that they have when they inevitably occur. Comparisons are made between impacts of hazards on developing versus developed countries.

Prereq: GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR an approved equivalent lab course from another discipline.

### **722-362 GEOGRAPHY OF EUROPE 3 cr**

A study of the nations, regions, cultures, and traditional and emerging spatial relationships in Europe. Physical and cultural patterns and processes are considered as they relate to the distribution of population and industrial and commercial activities. The European Community and Europe's international role and linkages are investigated.

Prereq: 900-140 or 722-230 or junior standing or consent of instructor.

### **722-363 GEOGRAPHY OF SOUTH AMERICA 3 cr**

A study of countries south of the Caribbean with emphasis on their natural resources and economic activities. Considerable attention will be given to problems of cooperation among the Americas.

Prereq: 900-140 or 722-230 or junior standing or consent of instructor.

### **722-364 GEOGRAPHY OF ASIA 3 cr**

A study of the interrelations between the natural environment and the economic, political and cultural activities and changes in Asia exclusive of the former Soviet Union. ,br> Prereq: 900-140 or 722-230 or junior standing or consent of instructor.

### **722-365 GEOGRAPHY OF MIDDLE AMERICA 3 cr**

A study of the activities of the peoples of Mexico, Central America, and the West Indies, their problems in relation to their natural environment, and their problems as a

transitional area between two large continents.

Prereq: 900-140 or 722-230 or junior standing or consent of instructor.

**722-368 GEOGRAPHY OF THE FORMER SOVIET UNION 3 cr** Spatial analyses of physical and cultural phenomena are dealt with topically as well as regionally. Current development projects are given special emphasis.

Prereq: 900-140 or 722-230 or junior standing or consent of instructor.

**722-370 GEOGRAPHIC INFORMATION SYSTEMS 3 cr**

The basic principles and operations of geographic information systems (GIS) are presented, including the capture, storage, management, analysis and display of geographic referenced data and their attributes. Laboratory exercises provide extensive hands-on experiences with a number of GIS software packages, including both raster and vector systems. Field trips are normally taken.

Prereq: 722-270 or consent of instructor.

**722-377/577 REMOTE SENSING OF THE ENVIRONMENT 3 cr**

An introduction to the images, sensors and techniques used to gather and process data on the Earth and other planets, including aerial photography, electro-optical scanners and radar systems. The course will focus on the fundamentals of utilizing remotely sensed data in studying both natural and human induced processes impacting the Earth's surface. Computer applications will be extensively utilized. Field trips are normally taken.

Prereq: 722-210, an equivalent course or consent of the instructor.

**722-410/610 PHYSIOGRAPHY OF NORTH AMERICA 3 cr**

A study of the structure, development and interpretation of the landforms in each of the physiographic regions of the United States, Canada and Mexico. Field trips are normally taken.

Prereq: 722-210 or 722-310 or consent of instructor.

**722-420/620 HUMAN AND CLIMATE INTERACTIONS 3 cr**

The course objective is to distinguish between natural climate change and change induced by human activities. Topics covered include human modifications to cloud cover, global warming, and ozone problems. Another emphasis is to better understand the impacts of severe weather on human activities and the potential threats of future climate change. At least one field trip is usually taken.

Prereq: 722-320 or an equivalent course or consent of instructor.

**722-430 GEOGRAPHY OF RACE & ETHNICITY IN THE UNITED STATES Diversity 3 cr**

The course will take a geographical approach to the study of ethnic groups in the

United States. Native American, African American, Hispanic American, and Asian American groups will be studied systematically. Major topics will include mobility, culture regions, and the cultural landscape created by the various ethnic groups.

Prereq: Junior standing or 722-230 or 722-261 or 722-344.

### **722-440/640 APPLIED GIS: APPLICATIONS FOR BUSINESS AND INDUSTRY 3 cr**

This course will provide the background necessary to apply Geographic Information Systems software to solve applied business problems. The specific educational objectives of this course are: 1) To provide the student with "hands on" problem solving skills emphasizing, site location, target marketing, sales territory development and network routing; 2) To work with the most widely used Business GIS software package, ArcView GIS and its major extensions.

Prereq: 722-270, 722-370 and 722-340 or permission of the instructor.

### **722-444/644 URBAN LAND USE PLANNING 3 cr**

A study of the historical, social and political framework of the urban land planning process with primary emphasis on the United States. Exposure to professional planning approaches and techniques and a critical analysis of plans and planners are stressed. Field trips are normally taken.

Prereq: 722-344 or 880-352 or 820-446 or 230-438 or consent of instructor.

### **722-450 ADVANCED METHODS IN PHYSICAL GEOGRAPHY 4 cr**

Advanced Methods in Physical Geography focuses on data collection and analysis techniques used by physical geographers. Students will conduct an integrated analysis of a local landscape, including site selection, sample collection, lab analysis, and data assimilation and interpretation for report writing. Roughly one-half of course is taught outdoors, regardless of weather. Four consecutive hours per week.

Prereq: 722-300 or 722-310 or 616-301/501

### **722-452/652 CULTURAL ECOLOGY AND SUSTAINABLE DEVELOPMENT 3 cr**

This course will discuss the history of the subdiscipline of cultural ecology within geography and teach about indigenous and traditional societies' knowledge systems from a variety of world cultures. It will use ancient and modern examples of indigenous methods of natural resource management and show how these are being applied internationally to present day environmental problems and to sustainable development approaches.

Prereq: 722-230 or 722-252 or consent of instructor.

### **GEOGRPY 470/670 APPLIED ENVIRONMENTAL 3 u AND NATURAL RESOURCE GIS**

This course will provide the knowledge and skills necessary to utilize GIS for solving applied environmental analysis problems. Specifically, the course is designed to 1) identify and resolve environmental and natural resource problems in terms of spatial analysis, 2) explore a conceptual understanding of GIS, 3) provide students with technical instruction in current GIS software.

Prereq: GEOGRPY 270 and GEOGRPY 370 or consent of instructor.

### **722-480 APPLIED RESEARCH METHODS 4 cr**

A survey of new and traditional methods used in geographic studies; and the application of a variety of these methods in the collection, classification and analysis of data for assigned problems, culminating in individual research reports. Field trips are normally taken. This course fulfills department's writing competency requirement.

Prereq: 722-210 and 722-230 and 722-270 and 680-370 or 680-372.

### **722-485 INTERNSHIP IN GEOGRAPHY 3-12 cr**

Students will be placed in an outside private or governmental agency where they will utilize geographic techniques in approaching practical problems relevant to the agency's mission. An on-campus seminar with fellow interns and the supervisory instructor is required. Prereq: Students with a major or minor program emphasis in geography must have completed a minimum of 14 credits in geography and have the consent of the intern committee. Students of cognate majors must have a minimum of 9 selected credits in geography and consent of the intern committee.

Repeatable for a maximum of 6 credits in major and 12 credits in degree.

### **722-490/690 WORKSHOP 1-8 cr**

Repeatable.

Prereq: Consent of instructor.

### **722-491 TRAVEL STUDY**

Repeatable 1-3 cr

### **722-492 FIELD COURSE 4-6 cr**

An introduction to field methods and techniques and their application in the study of a part of the United States or a foreign area. For information about a particular offering, write to the Department of Geography and Geology, University of Wisconsin-Whitewater. Repeatable.

Prereq: Consent of instructor.

### **722-494 SEMINAR 1-3 cr**

Repeatable one time for a maximum of 6 credits in major/degree.

### **722-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable one time for a maximum of 6 credits in major/degree.

### **722-498 INDEPENDENT STUDIES IN GEOGRAPHY 1-3 cr**

Repeatable one time for a maximum of 6 credits in major/degree. Prereq: 12 cr. in geography, 2.75 grade point in geography and consent of department chairperson.

## **PROGRAM OF GEOLOGY**

*Phone:* 262-472-1071

*E-Mail:* geology@uwwvax.uww.edu

*Faculty:* Frank Luther (Coordinator), Karl Leonard.

Geology is the study of the internal structure, materials, chemical and physical processes, and history of the earth. The geology minor offers fundamental geology courses such that: (1) students may develop a thorough understanding of geology in support of their major or interest or (2) students desiring employment in geology or related fields may (a) qualify directly for admission to a graduate program in geology upon completion of supporting science and mathematics courses available at UW-W or (b) complete a second baccalaureate degree at an institution which offers a geology major with one additional year of study.

## **GEOLOGY**

### **MINOR - 23 CREDITS**

1. GEOLGY 100 OR GEOLGY 101, GEOLGY 204, GEOLGY 205
  2. SELECT A MINIMUM 15 UNITS FROM COURSES  
GEOLGY 206, GEOLGY 310 AND ANDY 300 LEVEL OR ABOVE
- GEOLOGY COURSE

## **616 COURSE DESCRIPTIONS**

### **616-100 PRINCIPLES OF GEOLOGY GL 5 cr**

An introduction to the concepts which describe the origin and evolution of the earth. Emphasis is on understanding (1) the material make-up of the earth, (2) the internal



and external processes which affect the earth, (3) the scientific method as it applies to the study of the earth. One field trip is required. A special fee will be assessed to those students electing to participate on an optional field trip to cover the cost of chartering a bus. Four hours of lectures and two hours of lab each week.

Coreq: 760-140 or 760-141 or consent of instructor. Unreq: 616-101

### **616-101 ELEMENTS OF GEOLOGY GM 4 cr**

An introduction to the study of the earth. Emphasis is placed on: (1) the materials which make up the earth, (2) the internal and external processes which affect the earth, (3) the length of geologic time, and (3) the methods of science, especially as they apply to the study of the Earth. One half-day field trip in the immediate area is required. An optional field trip, requiring a transportation fee will be conducted to the Baraboo Hills region. Three hours of lecture and two hours of laboratory per week.

Coreq: 760-140 or 760-141. Unreq: 616-100

### **616-204 EARTH AND LIFE HISTORY GM 3 cr**

A study of the changes in the earth's crust and life through geologic time and the methodology used in reconstructing earth history. One field trip is required. A special fee will be assessed to those students electing to participate on an optional field trip to cover transportation costs.

Coreq: 760-140 or 760-141

### **616-205 HISTORICAL GEOLOGY LABORATORY 1 cr**

A laboratory course in earth history emphasizing paleontologic, stratigraphic, and geologic map studies. One field trip is required. One two-hour lab per week.

Prereq: 616-204 or con reg in 616-204.

### **616-206 PLANETARY GEOLOGY 3 cr**

A study of geological phenomena including (1) internal processes such as gravity, magnetism and volcanism, and convection, and (2) external processes such as glaciation, impact, wind and water erosion, and mass movement which affect the origin, evolution, and current structure of the planets, satellites, meteoroids, and asteroids. Processes affecting the earth and major features of the Earth will be used to illustrate and explain planetary processes.

Coreq: 760-140 or 760-141

### **616-300 PRINCIPLES OF OCEANOGRAPHY GM 3 cr**

A study of the physical, chemical, geological and biological aspects of the major water masses of the world and human dependency on these water masses. One field trip to observe shoreline processes is required. A special fee will be assessed to students electing to participate in an optional field trip to cover the transportation

costs.

Coreq: 760-140 or 760-141

### **616-301/501 ENVIRONMENTAL GEOLOGY 3 cr**

A study of the physical and cultural problems associated with earthquakes, volcanism, weathering and mass movement, running water, groundwater, glaciers, coastal processes, waste disposal, contaminant hydrogeology, nonrenewable resources, and environmental health. An analysis of various engineering solutions and land use planning approaches concerning these problems will be examined. At least one field trip will be required. A special fee will be assessed to students who participate in optional field trips to cover transportation costs. Two lectures and one two-hour lab per week.

Prereq: 616-100 or 722-210 or consent of instructor.

### **GEOLGY 307 DINOSAURS GM 3 u**

The proposed course will examine all aspects of Dinosaurs from Earth System Science perspective. Who were the Dinosaurs? When, how and where did they live on earth? What is their relationship to birds? What ere the circumstances of their extinction?

Coreq: MATH 140 OR 141

### **616-315 INTRODUCTION TO MINERALOGY 4 cr**

An introduction to mineralogy with emphasis on the principles of crystallography, physical mineralogy, chemical mineralogy and the systematic classification of minerals. Three lectures and one two-hour lab per week. One field trip is required. A special fee will be assessed to those students electing to participate on an optional field trip to cover transportation costs. Offered every fall term.

Prereq: 616-100, (640-102 or 640-141 recommended).

**616-316 PETROLOGY 4 cr** A study of the mode of occurrence, composition, classification, and origin of igneous, sedimentary, and metamorphic rocks. Special emphasis is placed on (1) hand specimen and microscopic characteristics as indicators of the origin and evolution of rocks and (2) the chemical and physical aspects of rocks which control their origin and evolution. Two lectures and two two-hour labs per week. Offered every spring semester. One field trip is required. A special fee will be assessed of those students electing to participate in an optional field trip to cover transportation costs.

Prereq: 616-100, 616-315, (640-104 and 800-163 recommended).

## **HISTORY**

### **616-317 PALEONTOLOGY 3 cr**

An introduction to the history of life on Earth. Lectures focus on concepts in paleontology including origin of life; evolution; ecology; and use of fossils in the solution of geologic problems. Characteristics of common fossils will be the focus of the laboratory. Two lectures and one two-hour lab per week. One field trip is required; up to two optional field trips possible (fee required to cover cost of optional trips). Prereq: 616-100, 616-204 and 616-205; or 630-141, 630-142.

### **616-318 STRUCTURAL GEOLOGY 4 cr**

A study of the classification, description, and genesis of features produced in the earth's crust by stresses and resulting strain. Emphasis is placed on (1) understanding stress and strain, (2) the recognition and interpretation of structural features, outcrop patterns, and subsurface geology, (3) preparation and interpretation of geologic maps, and (4) the geologic structural provinces of North America. Two lectures and two two-hour labs per week. Offered every spring semester. One field trip is required. A special fee will be assessed to those students electing to participate on an optional field trip to cover transportation costs. Prereq: 616-100, (760-152 recommended).

### **616-319 STRATIGRAPHY AND SEDIMENTATION 3 cr**

Classification and description of the various kinds of sediments and sedimentary rock units; sedimentary facies; cyclic sedimentation; and techniques of correlating sedimentary rocks. Two hours of lecture and two hours of lab each week. One field trip is required. A special fee will be assessed to those students electing to participate on an optional field trip to cover transportation costs. Prereq: 616-100, 616-204, 616-205.

### **GEOLOGY 352 GEOHAZARDS 3 u**

The course will focus on the physical processes that create environmental hazards (e.g. earthquakes, volcanoes, severe weather), the primary controls on their frequency and intensity, and how human decision-making can influence the magnitude of impact that they have when they inevitably occur. Comparisons are made between impacts of hazards on developing versus developed countries. Prereq: GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR an approved equivalent lab course from another discipline.

### **616-490/690 WORKSHOP 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

### **616-492 FIELD STUDIES IN GEOLOGY 1-3 cr**

Field studies of classic geologic regions. Emphasis will be placed on training in the

basic techniques and methods of field studies, recognition and interpretation of geologic structures, and the use of field observations to develop both geologic understanding of the region studied and geologic reasoning ability. Students will be responsible for the cost of the university van rental and other trip expenses. Coreq: enrollment in or completion of 616-100 or consent of instructor.

**616-494 SEMINAR 1-3 cr**

An intensive study of one or more philosophical issues that supplement the curriculum. Original research papers may be expected as partial fulfillment of the course requirements.

Repeatable.

Prereq: Consent of instructor.

**616-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**616-498 INDEPENDENT STUDY IN GEOLOGY 1-3 cr**

Repeatable.

Prereq: 8 cr in geology or cons instr and program coordinator.

## **DEPARTMENT OF HISTORY**

*Phone:* 262-472-1103

*E-Mail:* [history@uwwvax.uww.edu](mailto:history@uwwvax.uww.edu)

*Faculty:* Lloyd Binagi, Janette Bohi, Jack Filipiak, Bruce Flood, James Jaffe, Elizabeth Hachten, Richard Haney, Steven Karges (Chairperson), Michael Kennedy, Nikki Mandell, Seth Meisel, Benjamin Rhodes, Stephen Vincent, Richard Yasko.

History is studied for many reasons. It is our social memory, telling us who we are, where we belong, and where we seem to be going. History takes us out of the present, broadens the horizons of our minds, makes us aware of human possibilities, and confronts us with the awareness that our present culture is neither the only way, nor perhaps the best way, that human beings have lived.

A major in history provides broad preparation for careers in teaching and business, as well as for professional training in law, journalism, management, and university teaching. But most importantly, history helps to develop a breadth of vision, a capability for critical thinking, and a fundamental understanding of human society

permitting a person to grow and adapt to the changing career opportunities in the modern world.

## **MAJOR/EMPHASES**

### **HISTORY (BA/BS)**

If courses in the major are used to satisfy General Education requirements and Letters and Sciences requirements, 6 additional elective units would be available.

#### **MAJOR - 36 UNITS**

1. INTRODUCTORY LEVEL (100s-200s, excluding HISTRY 200): SELECT 9-12 UNITS

2. METHODS COURSE: HISTRY 200

3. UPPER LEVEL (300s-400s): SELECT 18-21 UNITS

4. SENIOR SEMINAR: HISTRY 499

5. THE COURSES CHOSEN TO COMPLETE REQUIREMENTS #1 AND #3 MUST SATISFY THE FOLLOWING BREADTH AND DEPTH REQUIREMENTS.

A. CHRONOLOGICAL BREADTH. SELECT AT LEAST 6 UNITS OF PRE-MODERN HISTORY. HISTRY 124, HISTRY 130, HISTRY 154, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 313, HISTRY 316, HISTRY 324, HISTRY 333, HISTRY 342, HISTRY 351, HISTRY 355, HISTRY 360, HISTRY 371, HISTRY 380, HISTRY 425, HISTRY 451 AND HISTRY 452

B.

DEPTH. SELECT AT LEAST 12 UNITS FROM ONE OF THE FOLLOWING GROUPS.

1. EUROPEAN HISTORY: HISTRY 154, HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 355, HISTRY 360, HISTRY 367, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 380, HISTRY 381, HISTRY 451, HISTRY 452, OR HISTRY 460

2. AFRICAN, ASIAN, LATIN

AMERICAN OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433 AND HISTRY 434

3. US HISTORY: HISTRY 1124, HISTRY 125, HISTRY 141, HISTRY 190, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 313, HISTRY

314, HISTRY 316, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 403, HISTRY 425 AND CHICANO 310

4. INDIVIDUALLY DESIGNED THEMATIC CONCENTRATION. REQUIRES HISTORY DEPARTMENT APPROVAL.

C. GEOGRAPHICAL/THEMATIC BREADTH SELECT AT LEAST 3 UNITS IN EACH OF THE THREE AREAS NOT CHOSEN FOR THE DEPTH REQUIREMENT.

1. EUROPEAN HISTORY: HISTRY 154, HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 355, HISTRY 360, HISTRY 367, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 380, HISTRY 381, HISTRY 451, HISTRY 452, OR HISTRY 460

2. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433, AND HISTRY 434

3. U.S. HISTORY: HISTRY 124, HISTRY 125, HISTRY 141, HISTRY 190, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 313, HISTRY 314, HISTRY 316, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 403, HISTRY 425 AND CHICANO 310

4. GLOBAL/COMPARATIVE HISTORY: HISTRY 190, HISTRY 326, HISTRY 333, HISTRY 335, HISTRY 360, HISTRY 367, HISTRY 455\*, HISTRY 493

\*Depending on the term's offering, this course may fulfill other geographic breadth requirements for the major.

UNIQUE REQUIREMENT (5-6 CR)

1. ARTS OR LITERATURE: SELECT 2-

3 UNITS FROM COURSES: ARTHIST 201, ARTHIST 202, ARTHIST 305, ARTHIST 311 THRU 319; MUSC 140, MUSC 143, MUSC 144, MUSC 244 THRU 247; THEATRE 100, THEATRE 110; ENGLISH 200 THRU 265

2. SOCIAL SCIENCES: SELECT 3 UNITS FROM COURSES: ECON 211, ECON 212, ECON 213, GEOGRPHY 230, POLISCI 250, POLISCI 217, POLISCI 247, ANTHROPL 110, ANTHROPL 218

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

HONORS IN HISTORY: Students must file an application for Honors in History with the Department Chairperson during the first term of their Senior year. Honors in History can be earned by completing the following:

a. 3.5 or above GPA in the History major

b. Minimum of 3 History units at the 400 level (in addition to HISTRY 499)

## **HISTORY (BSE)**

### **LICENSURE - 40-43 UNITS**

1. C&I SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. SELECT 2 UNITS FROM C&I CIFLD 210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 UNITS FROM C&I CIFLD 412
  - b. SELECT 2 OR 12 UNITS FROM C&I CIFLD 414
5. C&I SECNDED 430
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
7. ECON 213 OR ECON 324 RLS
8. EDFOUND 212 AND EDFOUND 425
9. SELECT 3 UNITS FROM COURSE C&I CIFLD 492
10. SELECT 3 UNITS FROM EDUINDP 496

### **MAJOR - 36 UNITS**

1. US HISTORY
  - A. EARLY US HISTORY. SELECT 6 UNITS HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 313, HISTRY 316, HISTRY 324 AND HISTRY 425
  - B. MODERN US HISTORY. SELECT 6 UNITS HISTRY 125, HISTRY 141, HISTRY 190, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 314, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 425 AND CHICANO 310
2. EUROPEAN HISTORY
  - A. EARLY EUROPEAN HISTORY. SELECT 3-6 UNITS HISTRY 154, HISTRY 355, HISTRY 360, HISTRY 371, HISTRY 380, HISTRY 451 AND HISTRY 452
  - B. MODERN EUROPEAN HISTORY. SELECT 3-6 UNITS HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 360, HISTRY 367, HISTRY 372, HISTRY 375, HISTRY 381 AND HISTRY 460

3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY  
SELECT 3-6 UNITS HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433 AND HISTRY 434
4. COMPARATIVE AND GLOBAL HISTORY.  
SELECT 0-6 UNITS HISTRY 190, HISTRY 326, HISTRY 333, HISTRY 335, HISTRY 360, HISTRY 367, HISTRY 455\* AND HISTRY 493
5. METHODS COURSES. HISTRY 200 AND HISTRY 499
6. A MAXIMUM OF 15 UNITS IN 100 LEVEL COURSES MAY COUNT TOWARDS THE MAJOR.

\* Depending on the term's offering, this course may fulfill other geographic breadth requirements for the major.

#### UNIQUE REQUIREMENT (5 - 6 UNITS)

1. ECON 211 OR ECON 212 OR ECON 213 RLS
2. SELECT 2 - 3 UNITS FROM COURSES  
ARTHIST 201, ARTHIST 202, ARTHIST 305, ARTHIST 308, ARTHIST 310 THRU 319, MUSC 140, MUSC 141, MUSC 143, MUSC 144, AND THEATRE 110  
AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

#### **HISTORY WITH SOCIAL STUDIES EMPHASIS (BSE)\***

An interdisciplinary social studies major designed to equip the secondary teacher to teach history and the interdisciplinary social studies courses.

#### LICENSURE - 42-43 UNITS

1. EDFOUND 212, EDFOUND 425 AND C&I SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. SELECT 2 UNITS FROM C&I CIFLD 210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 UNITS FROM C&I CIFLD 412
  - b. SELECT 2 OR 12 UNITS FROM C&I CIFLD 414



5. C&I SECNDED 430
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
7. ECON 213 OR ECON 324 RLS
8. SELECT 3 UNITS FROM COURSE C&I CIFLD 492
9. SELECT 3 UNITS FROM EDUINDP 496

#### MAJOR - 57 UNITS

##### 1. U.S. HISTORY

a. EARLY U.S. HISTORY, SELECT 6 UNITS FROM HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 313, HISTRY 316, HISTRY 324 AND HISTRY 425

b. MODERN U.S. HISTORY, SELECT 6 UNITS FROM HISTRY 125, HISTRY 141, HSITRY 190, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 314, HISTRY 317, HISTRY 324, HISTRY 362, HISTYR 390, HISTRY 394, HISTRY 401, HISTRY 425, AND CHICANO 310

##### 2. EUROPEAN HISTORY

a. EARLY EUROPEAN HISTORY, SELECT 3-6 UNITS FROM HISTRY 154, HISTRY 355, HISTRY 371, HISTRY 360, HISTRY 380, HISTRY 451, AND HISTRY 452

b. MODERN EUROPEAN HISTORY, SELECT 3-6 UNITS FROM HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 360, HISTRY 367, HISTRY 372, HISTRY 375, HISTRY 381, AND HISTRY 460

3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY, SELECT 3-6 UNITS FROM HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433, AND HISTRY 434

4. COMPARATIVE AND GLOBAL HISTORY, SELECT 0-6 UNITS FROM HISTRY 190, HISTRY 326, HISTRY 333, HISTRY 335, HISTRY 360, HISTRY 367, HISTRY 455\*, AND HISTRY 493

##### 5. HISTRY 200 AND HISTRY 499

6. A MAXIMUM OF 15 UNITS IN 100 LEVEL HISTORY COURSES MAY COUNT TOWARDS THE MAJOR

7. SELECT 9-12 UNITS FROM TWO OF THE FOLLOWING DEPARTMENTS FOR A TOTAL OF 21 UNITS

a. SELECT 9-12 UNITS FROM GEOGRAPHY DEPT EXCLUDING COURSES GEOGRPY 210, GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY323, GEOGRPY 330, AND GEOGRPY 450. AT LEAST 3 UNITS MUST BE CHOSEN FROM GEOGRPY 230, GEOGRPY 250, GEOGRPY 252

b. SELECT 9-12 UNITS FROM POLITICAL SCIENCE DEPT. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES POLISCI 141 OR POLISCI 250

c. SELECT 9-12 UNITS FROM ECONOMICS DEPT EXCLUDING ECON 245 AND ECON 345. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES ECON 211 OR ECON 213

d. SELECT 9-12 UNITS FROM PSYCHOLOGY DEPT EXCLUDING PSYCH 215. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES PSYCH 104, PSYCH 202 OR PSYCH 211

e. SELECT 9-12 UNITS FROM SOCIOLOGY DEPT. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES HISTORY 140 OR HISTORY 250

UNIQUE REQUIREMENT (5 - 6 UNITS)

1. ECON 211 OR ECON 212 OR ECON 213 RLS

2. SELECT 2 - 3 UNITS FROM COURSES

ARTSTDIO 215, ARTHIST 111, ARTHIST 201,

ARTHIST 202 AND MUSC 140

\* Depending on the term's offering, this course may fulfill other geographic breadth requirements for the major.

**SOCIAL STUDIES WITH HISTORY EMPHASIS (BSE)\***

An interdisciplinary social studies major designed to equip the secondary teacher to teach history and the interdisciplinary social studies courses.

#### LICENSURE - 42-43 UNITS

1. C&I SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. SELECT 2 UNITS FROM C&I CIFLD 210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 UNITS FROM C&I CIFLD 412
  - b. SELECT 2 OR 12 UNITS FROM C&I CIFLD 414
5. C&I SECNDED 430
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
7. ECON 213 OR ECON 324 RLS
8. EDFOUND 212 AND EDFOUND 425
9. SELECT 3 UNITS FROM COURSE C&I CIFLD 492
10. SELECT 3 UNITS FROM EDUINDP 496

#### MAJOR - 60 UNITS

1. U.S. HISTORY
  - a. EARLY U.S. HISTORY, SELECT 3-6 UNITS FROM HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 316, HISTRY 324, AND HISTRY 425
  - b. MODERN U.S. HISTORY, SELECT 3-6 UNITS FROM HISTRY 125, HISTRY 141, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 315, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 425, AND CHICANO 310
2. EUROPEAN HISTORY

a. EARLY EUROPEAN HISTORY, SELECT 3-6 UNITS FROM HISTORY 154, HISTORY 355, HISTORY 360, HISTORY 371, HISTORY 380, HISTORY 451, AND HISTORY 452

b. MODERN EUROPEAN HISTORY, SELECT 3-6 UNITS FROM HISTORY 155, HISTORY 333, HISTORY 351, HISTORY 352, HISTORY 360, HISTORY 367, HISTORY 372, HISTORY 375, HISTORY 381, AND HISTORY 460

3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY, SELECT 3-6 UNITS FROM HISTORY 130, HISTORY 131, HISTORY 340, HISTORY 342, HISTORY 343, HISTORY 346, HISTORY 347, HISTORY 360, HISTORY 432, HISTORY 433, AND HISTORY 434

4. COMPARATIVE AND GLOBAL HISTORY, SELECT 0-3 UNITS FROM HISTORY 190, HISTORY 326, HISTORY 333, HISTORY 335, HISTORY 360, HISTORY 367, HISTORY 455\*, AND HISTORY 493

5. HISTORY 200

6. A MAXIMUM OF 12 UNITS IN 100 LEVEL COURSES IN HISTORY MAY COUNT TOWARDS THE MAJOR

SELECT 33 UNITS FROM FIVE SOCIAL SCIENCE DISCIPLINES, DISTRIBUTED AS FOLLOWS:

7. SELECT 6 UNITS FROM EACH OF THE FOLLOWING DEPARTMENTS:

a. GEOGRAPHY, EXCLUDING COURSES GEOGRPY 210, GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY 323, GEOGRPY 330, AND GEOGRPY 450. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES GEOGRPY-ECON, GEOGRPY 250, GEOGRPY 252

b. POLITICAL SCIENCE, AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES POLISCI 141 OR POLISCIE 250

c. ECONOMICS, EXCLUDING COURSES ECON 245 AND ECON 345. AT LEAST 3 UNITS MUST BE CHOSEN FROM ECON 211 OR ECON 213

d. PSYCHOLOGY, EXCLUDING PSYCH 215. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES PSYCH 104, PSYCH 202, OR PSYCH 211

e. SOCIOLOGY, AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES SOCIOLGY 140 OR SOCIOLGY 250

8. SELECT 3 ADDITIONAL ELECTIVE UNITS FROM THE DEPARTMENTS OF GEOGRAPHY, POLITICAL SCIENCE, ECONOMICS, PSYCHOLOGY OR SOCIOLOGY

UNIQUE REQUIREMENT (5 - 6 UNITS)

1. ECON 211 OR ECON 212 OR ECON 213 RLS
2. SELECT 2 - 3 UNITS FROM COURSES

ARTHIST 201, ARTHIST 202 ARTHIST 305, ARTHIST 308, ARTHIST 310 THRU ARTHIST 319, MUSC 140, MUSC 141, MUSC 143, MUSC 144 AND THEATRE 110

\* Depending on the term's offering, this course may fulfill other geographic breadth requirements for the major.

\*Additional Licensure Requirement:

Wisconsin law requires that persons seeking licensure to teach history or other social studies have instruction in cooperatives and conservation. The requirement in respect to cooperatives may be met by completion of Economics 230-213, Economic Principles for Secondary Teachers, or Economics 230-324, Cooperatives. The requirement for instruction in conservation may be met by the completion of Geography 722-252, Human Environmental Problems, or Biology 630-214, Ecology and Man.

History licensure for holders of Social Studies (701) license: 15 credits of upper level (300 or 400) or graduate (500, 600, or 700) history courses distributed as follows: 6 credits of U.S. History, 6 credits of European History, and 3 credits of African, Asian, Latin American or Middle-Eastern History. All 15 credits must have been completed within 5 calendar years of the date the additional licensure is requested. Some of the courses listed above may have prerequisites which must be taken beyond the specified 15 credits.

## **MINOR/EMPHASES**

### **HISTORY**

#### **MINOR - 24 UNITS**

1. INTRODUCTORY LEVEL (100s-200s): SELECT 6-9 UNITS
2. UPPER LEVEL (300s-400s): SELECT 12-15 UNITS

3. MEET THE FOLLOWING BREADTH REQUIREMENTS:

A. CHRONOLOGICAL BREADTH. SELECT AT LEAST 3 UNITS OF PRE-MODERN HISTORY. HISTRY 124, HISTRY 130, HISTRY 154, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 313, HISTRY 316, HISTRY 324, HISTRY 333, HISTRY 342, HISTRY 351, HISTRY 355, HISTRY 360, HISTRY 371, HISTRY 380, HISTRY 425, HISTRY 451, AND HISTRY 452

B.

GEOGRAPHICAL/THEMATIC BREADTH. SELECT AT LEAST 3 UNITS IN EACH OF THE FOLLOWING AREAS.

1. EUROPEAN HISTORY: HISTRY 154, HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 355, HISTRY 360, HISTRY 367, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 380, HISTRY 381, HISTRY 451, HISTRY 452 OR HISTRY 460

2.

AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433, AND HISTRY 434

3. US HISTORY: HISTRY 124, HISTRY 125, HISTRY 141, HISTRY 190, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 313, HISTRY 314, HISTRY 316, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 403, HISTRY 425 AND CHICANO 310

4. GLOBAL/COMPARATIVE: HISTRY 190, HISTRY 200, HISTRY 326, HISTRY 333, HISTRY 335, HISTRY 360, HISTRY 367, HISTRY 455\* AND HISTRY 493

\* Depending on the term's offering , this course may fulfill other geographic breadth requirements for the major.

## **HISTORY ELEMENTARY EDUCATION EMPHASIS**

MINOR - 23 UNITS

1. U.S. HISTORY

A. EARLY US HISTORY. SELECT 3-6 UNITS HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 316, HISTRY 324 AND HISTRY 425

B. MODERN US HISTORY. SELECT 3-6 UNITS HISTRY 125, HISTRY 141, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 315, HISTRY

317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 425 AND CHICANO 310

C. WISCONSIN HISTORY. HISTRY 311

2. EUROPEAN HISTORY

A. EARLY EUROPEAN HISTORY. SELECT 3 UNITS HISTRY 154, HISTRY 355, HISTRY 360, HISTRY 371, HISTRY 380, HISTRY 451 AND HISTRY 452

B. MODERN EUROPEAN HISTRY. SELECT 3-6 UNITS HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 360, HISTRY 367, HISTRY 372, HISTRY 375, HISTRY 381 AND HISTRY 460

3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY

SELECT 3-6 UNITS HISTRY 130, HISTRY 131, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433 AND HISTRY 434

4. COMPARATIVE AND GLOBAL HISTORY

SELECT 0-3 UNITS HISTRY 190, HISTRY 326, HISTRY 333, HISTRY 335, HISTRY 360, HISTRY 367, HISTRY 455\* AND HISTRY 493

A MAXIMUM OF 12 UNITS IN 100 LEVEL COURSES MAY COUNT TOWARDS THE MINOR.

\* Depending on the term's offering, this course may fulfill other geographic breadth requirements for the major.

## **HISTORY PUBLIC HISTORY EMPHASIS**

### **MINOR - 24 UNITS**

1. SELECT 3-9 UNITS IN EARLY US HISTORY:  
HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 313, HISTRY 316, HISTRY 403, HISTRY 425

2. SELECT 3-9 UNITS IN MODERN US HISTORY:  
HISTRY 125, HISTRY 141, HISTRY 190, HISTRY 305, HISTRY 307, HISTRY 311, HISTRY 314, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 425 AND CHICANO 310

3. SELECT AT LEAST 3 UNITS IN EUROPEAN HISTORY:  
HISTRY 154, HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 355, HISTRY 360, HISTRY 367, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 380, HISTRY 381, HISTRY 451, HISTRY 452, OR HISTRY 460

4. SELECT AT LEAST

3 UNITS IN AFRICAN, ASIAN, LATIN AMERICAN OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 326, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432 AND HISTRY 433

5. APPLIED HISTORY: HISTRY 493

6.

SELECT AT LEAST 3 UNITS FROM THE FOLLOWING APPLICATIONS METHODS ELECTIVES:

A. LIBMEDIA 350, LIBMEDIA 434

B. JOURNLSM 220, SPEECH 202, SPEECH 238

C. GEOGRPY 344

D. POLISCI 320, POLISCI 440

E. BSEDCNA 353

F. ARTHIST 201, ARTHIST 202, ARTHIST 305, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319

## **HISTORY SECONDARY EDUCATION EMPHASIS**

### **MINOR - 24 UNITS**

1. U.S. HISTORY

A. EARLY US HISTORY. SELECT 3-6 UNITS HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 302, HISTRY 304, HISTRY 316 AND HISTRY 324 AND HISTRY 425

B. MODERN US HISTORY. SELECT 3-6 UNITS HISTRY 125, HISTRY 141, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 315, HISTRY 317, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 401, HISTRY 425 AND CHICANO 310

2. EUROPEAN HISTORY

A. EARLY EUROPEAN HISTORY. SELECT 3 UNITS HISTRY 154, HISTRY 355, HISTRY 360, HISTRY 371, HISTRY 380, HISTRY 451, AND HISTRY 452

B. MODERN EUROPEAN HISTORY. SELECT 3-6 UNITS HISTRY 155, HISTRY 333, HISTRY 351, HISTRY 352, HISTRY 360, HISTRY 367, HISTRY 372, HISTRY 375, HISTRY 381, AND HISTRY 460

3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY

SELECT 3-6 UNITS HISTRY 130, HISTRY 131, HISTRY 340, HISTRY



342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 360, HISTRY 432, HISTRY 433 AND HISTRY 434

4. COMPARATIVE AND GLOBAL HISTORY.

SELECT 0-3 UNITS HISTRY 190, HISTRY 200, HISTRY 326, HISTRY 333, HISTRY 335, HISTRY 360, HISTRY 367, HISTRY 455\* AND HISTRY 493

5. A MAXIMUM OF 12 UNITS IN  
100 LEVEL COURSES MAY COUNT TOWARDS THE MINOR.

\* Depending on the term's offering, this course may fulfill other geographic breadth requirements for the major.

Social Studies minor in elementary education curriculum: See L&S Interdepartmental section.

## **740 COURSE DESCRIPTIONS**

### **740-124 AMERICAN HISTORY *GH* 3 cr**

An introduction to the study of American history with emphasis on the evolution of economic, political, social and cultural values and institutions from colonization through the Civil War era.

### **740-125 HISTORY OF MODERN AMERICA *GH* 3 cr**

A study of the United States from 1877 to the present, analyzing the socio-economic, political and intellectual forces that have shaped contemporary values, problems and institutions. This course taken in conjunction with 740-124 provides a complete American history survey.

### **740-130 THE EAST ASIAN TRADITION *GH* 3 cr**

An introduction to the intellectual, social, and political traditions of China and Japan up to about 1800. The course will analyze the Confucian tradition, Chinese administrative systems, and the dynastic cycle. Japanese cultural and political development will also be discussed.

### **740-131 EAST ASIA SINCE 1800 *GH* 3 cr**

A survey of China and Japan in the nineteenth and twentieth centuries centering on the process of modernization in both of these countries.

**740-141 MODERN BLACK AMERICAN HISTORY *GH/Diversity* 3 cr**

A critical examination and analysis of the status and role of Black Americans in the United States since 1865.

Unreq: 614-141

**740-154 WESTERN CIVILIZATION *GH* 3 cr**

An examination of the social, cultural, political and economic forces that have shaped Western civilization from early ancient Mediterranean cultures to the eighteenth century.

**740-155 HISTORY OF MODERN EUROPE *GH* 3 cr**

A study of European civilizations from the eighteenth century to the present, analyzing the social, economic, political and intellectual forces that have shaped contemporary values, problems and institutions. This course taken in conjunction with 740-154 provides a complete survey of Western civilization.

**740-165 FROM NEWTON TO THE NUCLEAR AGE: *GH* 3 cr**

**HISTORY OF WESTERN SCIENCE SINCE 1600**

An exploration of the history of modern science in the Western world, with emphasis on the Scientific Revolution; evolutionary theory and its impact on religion and society; links between science and technology; the emergence of "big" science and the professional scientist; gender, race, and science.

**740-190 NORTH AMERICAN ENVIRONMENTAL HISTORY *GH* 3 cr**

This course will examine human interaction with the natural environment in North America between roughly 1400 and the present. Special attention will be paid to the twentieth century. It will also explore the ways in which people have historically defined, used, and modified nature to suit their needs and interests.

**740-200 HISTORICAL METHODS 3 cr**

This course provides an introduction to two crucial elements of the contemporary study of history: the history of writing history and the use of computers in the history profession. In addition to reading selections from representative historians and analyzing their theories of history, students will be introduced to a range of computer-based communications, research, writing, and data analysis techniques.

Prereq: Six units of history (may include GENED 120) or consent of instructor.

**740-300 AMERICAN COLONIAL HISTORY TO 1763 *GH* 3 cr**

A study of the political, economic, religious, social and cultural developments of the American colonies with emphasis on the seventeenth century.

Prereq: Sophomore standing or cons instr.

**740-301 REVOLUTION AND CONFEDERATION 1763-1789 3 cr**

A study of the revolutionary generation and of the political, economic and social developments of the new nation to 1789.

Prereq: Sophomore standing or cons instr.

**740-304 THE AGE OF CIVIL WAR AND RECONSTRUCTION 1850-1877 GH 3 cr**

A study of the United States between the Compromises of 1850 and 1877, analyzing the issues leading to war, the internal and military problems of the Union and Confederacy and the myths and realities of Reconstruction.

Prereq: Sophomore standing or cons instr

**740-306/506 AMERICA IN PROSPERITY, 3 cr**

DEPRESSION AND WORLD WAR II, 1919-1945

An analysis of the political, economic and social trends in the United States during the Roaring Twenties, the Great Depression, and American participation in World War II.

**740-307 RECENT AMERICA, 1945 TO THE PRESENT GH 3 cr**

A study of American society, diplomacy, economics, and politics from the end of World War II to the present.

**615-310 HISTORY OF CHICANOS IN THE U.S.:  
19TH CENTURY ROOTS AND 20TH CENTURY  
DEVELOPMENT 3 cr**

(See Chicano Studies)

**740-311 WISCONSIN HISTORY 2 cr**

A study of Wisconsin from its first settlement to the present day with emphasis upon the late nineteenth century and the twentieth century.

**740-313 WOMEN IN AMERICAN HISTORY I: 1600-1875 Diversity GH 3 cr**

A study of women and gender in American history, 1600-1875. The course focuses on topics of work, family and political activism. Particular attention is given to the diverse and inter-related experiences of women of different race and ethnic groups.

Prereq: Sophomore standing or consent of instructor.

**740-314 WOMEN IN AMERICAN HISTORY II: 1875 TO THE PRESENT Diversity GH 3 cr**

A study of women and gender in American history, 1875 to the present. The course

focuses on topics of work, family and political activism. Particular attention is given to the diverse and inter-related experiences of women of different race and ethnic groups.

Prereq: Sophomore standing or consent of instructor.

**740-316 UNITED STATES SOCIAL HISTORY TO 1865    *GH*    3 cr**

This course explores the everyday life of Americans from the outset of colonization through the Civil War. Emphasis is given to European, African, and Native American adjustment to the New World, changes fostered by the American Revolution and the expansion of a market economy, and matters of race, class, and gender.

Prereq: Sophomore standing and successful completion of 900-120 (U.S. Experience in a World Context) or the consent of the instructor.

**740-317**

**UNITED STATES SOCIAL HISTORY 1865 TO THE PRESENT    *GH*  
3 cr**

A study of the transformation of the United States from an agrarian and producer-based society to an industrial and consumer-based society. The course examines the ways in which class, race, ethnicity, gender and region have shaped American society and contributed to diversity in the American experience.

Prereq: Sophomore standing or consent of the instructor.

**740-324/524 AMERICAN INDIAN HISTORY    *Diversity*    3 cr**

A study of the role of the Native American in United States History with special emphasis on Indian policies of the colonizing nations, United States government policies, Indian cultures and contemporary problems and issues.

Prereq: GENED 120 or 3 credits of history or cons instr.

**740-326/526 HISTORY OF CONTEMPORARY WOMEN FROM 1800 3 cr**

A comparative historical study examining women's experiences in representative societies in the modern world (Africa, Asia, Latin America, the Middle East and the North Atlantic World). The course focuses on themes of work, family and politics. Emphasis is placed on the ways in which women have shaped and been affected by economic modernization, colonialism, political change, traditional views of gender and feminism.

Prereq: Sophomore standing or consent of instructor

**740-335 VIRTUAL HISTORY: WORKING WITH COMPUTERS AND  
HISTORY 3 cr**

This course is designed to acquaint students with the resources and techniques of

historical analysis with a computer. Students will learn how to collect and manipulate historical data; how to gain access to local, national, and international sources of information; how to use a computer to analyze and present results in various forms; and view history through computer simulations. No previous experience with computers required. A paper using these techniques will be required.

Prereq: Sophomore standing or consent of instructor.

### **740-340 INTRODUCTION TO AFRICAN HISTORY *GH* 3 cr**

A survey of major ideas, concepts, movements, institutions and events that have influenced and shaped African civilization and history.

### **740-342 EARLY LATIN AMERICA TO 1860 *GH* 3 cr**

An introduction to the history of Latin America from pre-Columbian times to 1860. Traces the development of colonial rule and the formation of new nations after 1810. Topics include the nature of pre-Columbian societies, the resistance and accommodations of indigenous peoples to European conquest, the institutions and culture of African slavery, the role of the Catholic church, the evolution of race, gender, and class hierarchies, and fragility of the new nation-states after Independence.

Prereq: Sophomore standing

### **740-343 MODERN LATIN AMERICA *GH* 3 cr**

This course surveys the history of Latin America from the 1860 to the present, centering discussion on the examples of Argentina, Brazil, Peru, Mexico and Cuba. Topics include the legacy of colonialism, the consolidation of nation-states, Latin America's participation in the world economy, reformist and revolutionary political movements, military dictatorships, foreign intervention and the emergence of social movements.

Prereq: Sophomore standing

### **740-346 HISTORY OF MEXICO *GH* 3 cr**

A survey of the social, economic, political, and cultural history of Mexico from the pre-Columbian period to the present. Emphasis on the twentieth century.

Prereq: Sophomore standing or cons of instr

### **740-347 REVOLUTIONARY CHANGE IN LATIN AMERICA 3 cr**

Examines the revolutionary tradition in Latin America focusing on nations where revolutionary movements came to power: Cuba, Chile and Nicaragua. Why do some revolutionary groups triumph while most have failed? What challenges do revolutionary regimes face once in power? How successful have they been in realizing their goals?

Prereq: Sophomore standing or consent of instructor.

**740-351 REBELLION AND REVOLUTION IN ENGLAND, 1066-1688 GH 3 cr**

A survey of the major social and political developments in English history from the Norman Conquest to the Glorious Revolution. Particular attention is paid to the repeated crises of the English monarchy and the social impact of war, rebellion and revolution during these years.

Prereq: Sophomore standing or cons of instr.

**740-352 SOCIETY AND CULTURE IN MODERN BRITAIN 1763-PRESENT GH 3 cr**

A survey of the social, political, and economic history of England in the nineteenth and twentieth centuries. Special emphasis is placed on British industrial development, the rise of the Labour Party, and the social effects of the two world wars.

Prereq: Sophomore standing or cons of instr.

**740-355 THE RENAISSANCE AND THE REFORMATION 3 cr**

European history from 1300 to 1600 with emphasis on the Renaissance in Italy and northern Europe and the period of the Reformation.

Prereq: 900-140 or consent of instructor.

Unreq: 786-355.

**HISTORY 360 COMPARATIVE INTELLECTUAL HISTORY: ASIAN AND EUROPEAN THOUGHT 3 u**

This course examines major themes in the history of social and political thought within a comparative, cross-cultural framework. It focuses on the contributions of a variety of intellectual traditions that sought to comprehend and explain the complexity of humanity, including the dichotomies of faith and reason, freedom and authority, the individual and society, and modernity and tradition. The philosophical heritages of the west and east will be situated within their historical contexts through the examination of the major social, political and economic changes that contributed to the intellectual climate of the time.

Prereq: Sophomore standing or consent of instructor.

**740-362 AMERICAN BUSINESS HISTORY GH 3 cr**

A history of American business from colonial times to the present era with emphasis on how business people have attempted to deal with their recurrent problems as an integral part of American society.

Prereq: Sophomore standing or cons of instr.

**740-367 HISTORY OF CAPITALISM IN THE WEST 3 cr**

A survey and analysis of the origins and historical development of capitalism in Europe and the West. Particular attention is paid to the social history of capitalism, the

role of the state, and the effect of technology on the economy and society.

Prereq: Sophomore standing or cons of instr.

**740-371 HISTORY OF RUSSIA TO 1815 3 cr**

A survey of Russian history to 1815, emphasizing its relationship to major problems in European history.

**740-372 HISTORY OF RUSSIA SINCE 1815 3 cr**

A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.

**et 740-375 THE AGE OF EUROPEAN REVOLUTIONS, 1789-1848 3 cr**

A survey and analysis of the political and economic changes in Europe between 1789 and 1848. Particular attention will be paid to the changing forms of protest, the social impact of revolution, the evolution of political ideologies, and the impact of industrialization on everyday life.

Prereq: Sophomore standing or consent of instructor.

**740-380/580 GERMANY AND CENTRAL EUROPE TO 1815 3 cr**

A survey from the beginnings to the Congress of Vienna, emphasizing the development of German political and cultural traditions.

Prereq: Sophomore standing and 740-154 or equivalent, or cons of instr.

**740-381/581 MODERN GERMANY 3 cr**

A survey from the Congress of Vienna to the present, emphasizing the successive solutions to the question of German political organization.

Prereq: Sophomore standing and 740-155 or equivalent, or cons of instr.

**740-390 AMERICAN MILITARY HISTORY 3 cr**

A survey of American military history from the colonial period to the present with emphasis on the development of military policy, involvement of the United States in major and minor wars, and civil-military relations.

Prereq: Sophomore standing or cons of instr.

**740-394 THE U.S. AT WAR IN VIETNAM 3 cr**

A survey of political, social and military events in two societies with different cultures. Presents a view of war in Vietnam from 1945 through 1975. Emphasis is on the war's military events, on history, and on the changes wrought in both societies as a result of the war.

Prereq: Sophomore standing or cons of instr.

**740-401/601 DIPLOMATIC HISTORY OF THE UNITED STATES SINCE 1898  
3 cr**

A survey of American diplomatic history since 1898, emphasizing the United States as a great power, changing economic and political realities, American intervention in two world wars, and contemporary trends.

Prereq: Jr st, 6 credits of history, cons instr.

**740-403/603 HISTORY OF THE AMERICAN WEST 3 cr**

A study of the exploration and settlement of the Trans-Mississippi West with special emphasis on the fur-trading era, Plains Indians culture, and the mythology of the West. Slides and video are used extensively to illustrate the lecture topics.

Prereq: GENED 120, 3 units of history, or cons instr.

**HISTORY 425 HISTORY OF AMERICAN INDIAN LAW AND POLICY 3 cr**

The purpose of this course is to explain the unique nature of the historic and contemporary federal-Indian relationship. Students completing the course will gain a clearer understanding of the legal process by which American Indians were first subjugated to federal law and policy, and later became active agents by using that same legal system to preserve, protect, and enhance identity and tribal sovereignty in recent years. Prereq: Junior class standing.

**740-432/632 BANDITRY, REBELLION AND REVOLUTION IN MODERN CHINA 3 cr**

An examination of violent socio-political upheavals in China beginning with the White Lotus Rebellion and culminating with the Communist Revolution.

Prereq: Jr st, 6 credits of history, or cons instr.

**740-433/633 TWENTIETH CENTURY JAPAN 3 cr**

A discussion of Japan's emergence into the modern world centering on the Japanese transformation from a secluded feudal nation to a powerful industrialized state.

Prereq: Jr st, 6 credits of history, or cons instr.

**HISTORY 434 SOCIAL HISTORY OF JAPAN 3 cr**

This course traces the changes in the lives of Japanese people from earliest recorded times to the present day. Emphasis is on the period from 1868 to the 1900's.

Prereq: Jr st; 6 units of history or consent of instructor

**740-451/651 ANCIENT CIVILIZATION 3 cr**

A study of the civilization of the Ancient Near East, of Greece and of Rome.

Prereq: Jr st, 6 credits of history, or cons instr.



**740-452/652 MEDIEVAL CIVILIZATION 3 cr**

A survey of basic political, socio-economic, cultural and religious trends in European history from A.D. 300 to 1500.

Prereq: Jr st, 6 credits of history, or cons instr.

**INTERNATIONAL STUDIES**

**740-455/655 STUDIES IN SOCIAL AND CULTURAL HISTORY (VARIABLE TOPIC) 3 cr**

Intensive study of a major theme in social and cultural history emphasizing interdisciplinary approaches to complex historical issues. The particular topic of the course will be published before registration.

Prereq: Jr st or cons instr. Repeatable only with change of topic.

**740-460/660 HISTORY OF TWENTIETH CENTURY EUROPE 3 cr**

A survey of the political, economic, social, and cultural history of Europe since about 1914.

Prereq: 740-155 or equiv.

**740-490/690 WORKSHOP 1-6 cr**

Repeatable.

Prereq: Consent of instructor.

**740-492 FIELD STUDY 3-6 cr**

Studies designed to increase the student's understanding of a segment of history by reading and travel under the direction of a member of the department. Area of concentration to be approved by the History Department.

Repeatable.

Prereq: Jr st, 6 credits of history, or cons instr.

**740-493 APPLIED HISTORY 1-6 cr**

Study and work with a historical agency under the direction of a faculty supervisor. May include a related research project. Students will have the opportunity to combine academic learning with practical experience in the operation of a historical agency. Repeatable for a maximum of 6 credits in the history major. ,br> Prereq: 11 credits of history and cons dept chp.

**740-494 SEMINAR 2 cr**

Repeatable

**740-496/696 SPECIAL STUDIES IN HISTORY 1-3 cr**

Repeatable two times for a maximum of 6 credits in major/degree.

### **740-498 INDEPENDENT STUDY 1-2 cr**

Repeatable two times for a maximum of 2 credits in major/degree. Prereq: Sr st as a major in history.

### **740-499 SENIOR SEMINAR 3 cr**

A capstone research and writing seminar. Senior level History majors do extensive archival research and write a perceptive monograph based on their research.

Prereq: Senior standing, History major with at least 24 credits of History and completion of 740-200; or by special permission.

## **INTERNATIONAL AND AREA STUDIES**

*Phone:* 262-472-1093

*E-Mail:* intrnlstdy@uwwvax.uww.edu

### **ASIAN STUDIES MINOR**

Larry Neuman (Coordinator)

This interdisciplinary minor complements a variety of majors and career objectives. It provides a multidisciplinary perspective on one of the fastest growing and most important regions in the world today. Courses dealing with Asia are offered in History, Geography, Religious Studies, Economics, Sociology, Political Science, Languages and Literatures, and Anthropology. Recent students have combined this minor with majors or programs in General Business International Emphasis, Management Computer Systems, Art, Speech, History and Social Work. Many employers regard a knowledge of Asia and/or an Asian language as highly desirable.

#### **1. MINOR - 21 UNITS**

##### **1. 12 UNITS CORE:**

##### **A. SELECT 6 UNITS FROM THE FOLLOWING:**

HISTORY 130, HISTORY 131, RELIGST 211 OR ENGLISH 258

##### **B. SELECT 6 UNITS FROM THE FOLLOWING:**

GEOGRPY 364, SOCIOLGY 290, POLISCI 460 OR ECON 451.

##### **2. SELECT 9 UNITS OF ELECTIVES FROM:**

ANTHROPL 325, ECON 451, GEOGRPY 364, PEGNRL 141, PEGNRL 142, PEGNRL 175, PEGNRL 176, HISTRY 130, HISTRY 131, HISTRY 432, HISTRY 433, HISTRY 434, RELIGST 211, RELIGST 303, ENGLISH 258, SOCIOLOGY 290, SOCIOLOGY 350, POLISCI 460, POLISCI 472, ASIANSTD 491, ASIANSTD 492, ASIANSTD 496, ASIANSTD 498

### UNIQUE REQUIREMENT

THE EQUIVALENT OF ONE TERM OF STUDY OF AN ASIAN LANGUAGE WITH A GRADE OF C OR HIGHER, OR PASSING A PROFICIENCY TEST INDICATING EQUIVALENT COMPETENCY. NATIVE SPEAKERS OF AN ASIAN LANGUAGE MAY HAVE THIS REQUIREMENT WAIVED.

## MAJOR

Paul Adogamhe (Coordinator)

The international studies major is an interdisciplinary program, with an international emphasis, that provides a liberal arts education. It is intended to help prepare students for a variety of careers in the private and public sectors. Washington, D.C. internships, a summer seminar at the United Nations in New York, and study abroad programs are available through the major.

### INTERNATIONAL STUDIES (BA/BS)

#### MAJOR - 61 CREDITS

1. ANTH 892-218
2. GEOG 722-230 AND PSCI 820-351
3. INST 617-488 AND SPCH 166-424
4. ECON 230-401 OR 230-459
5. SELECT 12 CREDITS FROM ONE OF THE AREAS: AFRICA, ASIA, EUROPE, LATIN AMERICA OR GENERAL. FOR A LISTING OF ALL APPROPRIATE COURSE OPTIONS BY CATEGORY, CONTACT PROGRAM COORDINATOR.

6. SELECT 3 CREDITS OF A 300 OR 400 LEVEL HISTORY COURSE RELATING TO CHOSEN REGIONAL EMPHASIS: HIST 740-340, 740-410, 740-433, 740-460, 740-352, 740-372, 740-381, 740-382, 740-346, 740-392, 740-400, 740-401 AND PSCI 820-472
7. SELECT 16 CREDITS OF THE SAME FOREIGN LANGUAGE OR FOREIGN LANGUAGE DEPARTMENT CERTIFIED EQUIVALENT OR ONE YEAR AT A NON-ENGLISH SPEAKING UNIVERSITY. IF CHOOSING THE 16-CREDIT OPTION, COMPLETE 1 GROUP FROM THOSE LISTED BELOW:
  - a. SELECT 16 CRED FROM DEPT 682
  - b. SELECT 16 CRED FROM DEPT 684
  - c. SELECT 16 CRED FROM DEPT 686
8. IN CONSULTATION WITH AN ADVISOR SELECT 12 CREDITS FROM AREAS NOT CHOSEN FOR USE IN THE EMPHASIS REQUIREMENT.

Writing Requirement:

Topics in International Studies (617-488) includes a significant writing component which will fulfill the writing requirement.

No minor required.

## COURSE LIST

### AFRICA:

|             |  |
|-------------|--|
| 614-496     | Black Political and Social Thought         |
| 740-340     | Introduction to African History            |
| 820-461     | Governments and Politics of Africa         |
| 820-471/671 | Government and Politics in the Middle East |

### ASIA:

|         |  |
|---------|--|
| 230-451 | Economics of Asia                          |
| 680-258 | World Literature III (China, India, Japan) |
| 722-364 | Geography of Asia                          |

|         |  |
|---------|--|
| 722-368 | Geography of the Soviet Union                      |
| 740-130 | The East Asian Tradition                           |
| 740-131 | East Asia Since 1800                               |
| 740-372 | History of Russia Since 1815                       |
| 740-432 | Banditry, Rebellion and Revolution in Modern China |
| 740-433 | Twentieth Century Japan                            |
| 786-211 | Introduction to Eastern Religions                  |
| 786-303 | Eastern Religious Thought                          |
| 820-460 | Government and Politics of Asia                    |
| 880-290 | Introduction to Modern East Asian Societies        |
| 892-324 | Peoples and Cultures of the Pacific                |

EUROPE:

|         |   |
|---------|---|
| 115-201 | Survey of Western Art - Ancient to Medieval           |
| 115-202 | Survey of Western Art - Renaissance to the Present    |
| 115-316 | History of Nineteenth Century Art                     |
| 115-318 | History of Twentieth Century Art to 1945              |
| 115-319 | Concepts in Art Since 1945                            |
| 230-404 | History of Economic Thought                           |
| 680-206 | British Literature Survey I                           |
| 680-216 | British Literature Survey II                          |
| 682-340 | Contemporary French Civilization                      |
| 682-350 | French Civilization                                   |
| 682-451 | Survey of French Literature                           |
| 682-452 | Survey of French Literature (18th Century to Present) |

|         |   |
|---------|---|
| 682-482 | Contemporary French Literature                        |
| 684-331 | Reading in Modern German Literature                   |
| 684-332 | Reading in Modern German Literature                   |
| 684-350 | German Civilization                                   |
| 684-451 | Survey of German Literature                           |
| 684-452 | Survey of German Literature (18th Century to Present) |
| 722-362 | Geography of Europe                                   |
| 722-368 | Geography of the Soviet Union                         |
| 740-325 | Women in the Western World                            |
| 740-352 | England and the British Empire                        |
| 740-372 | History of Russia Since 1815                          |
| 740-381 | Modern Germany  |
| 740-459 | Social and Cultural History of Europe Since 1800      |
| 740-460 | History of Twentieth Century Europe                   |
| 786-212 | Introduction to Western Religions                     |
| 820-352 | Comparative Government - Europe                       |

LATIN AMERICA:

|             |  |
|-------------|--|
| 150-144     | Cultural Music of the Americas   |
| 615-330     | Chicano and Latino American Thought  |
| 615-480/680 | Mexican Literature in Translation (cross-listed in Ethnic Studies & English) |
| 686-333     | Spanish American Readings I  |
| 686-334     | Spanish American Readings II   |
| 686-360     | Spanish American Civilization  |
| 686-453     | Survey of Spanish Literature I   |
| 686-454     | Survey of Spanish Literature II  |

|         |   |
|---------|---|
| 686-483 | Contemporary Spanish American Narrative       |
| 722-363 | Geography of South America                    |
| 722-365 | Geography of Middle America                   |
| 740-342 | Early Latin American History to 1860          |
| 740-343 | Modern Latin American History 1860 to Present |
| 740-346 | History of Mexico                             |
| 892-312 | Civilizations and Societies of Latin America  |

GENERAL:

Cultural Focus

|         |                                     |
|---------|-------------------------------------|
| 115-316 | History of Nineteenth Century Art   |
| 115-318 | History of 20th Century Art to 1945 |
| 115-319 | Concepts in Art Since 1945          |
| 782-342 | Modern Philosophy                   |
| 786-330 | Women and Religion                  |
| 892-228 | Anthropology of Religion            |
| 892-230 | Traditional Societies in Change     |
| 892-334 | Women in Cross-Cultural Perspective |

Economic Focus

|         |   |
|---------|---|
| 230-360 | Economic Development                          |
| 230-404 | History of Economic Thought                   |
| 230-406 | International Finance and Banking             |
| 230-431 | Economics of Multinational Enterprise         |
| 230-438 | Urban Economics                               |
| 230-471 | Natural Resources and Environmental Economics |

250-410 International Management

260-361 International Marketing

722-340 Economic Geography

#### Political Focus

722-332 Political Geography

740-392 A History of National Strategy and Security Policy Development, 1935 to Present

740-400 Diplomatic History of the United States to 1898

740-401 Diplomatic History of the United States since 1898

820-247 Issues and Crises in American Politics (International Topics)

820-350 International Law

820-411 Modern Political Thought

820-412 Contemporary Political Thought

820-457 American Foreign Policy

820-462 Social Welfare Policy

#### Social Focus

722-344 Urban Geography

820-356/880-356 Political Sociology

880-353 Sociology of Religion

880-362 Population Dynamics

880-385 Social Change

## **INTERNATIONAL STUDIES MINOR**

Susan Johnson (Coordinator)

The International Studies minor is designed to combine a foundation in key international studies courses with a concentration in one geographic area of the



student's choice. There is no specific foreign language requirement, but students are encouraged to take foreign language courses. The minor complements many majors and is especially valuable for majors in economics, business, history, foreign language, geography, political science and sociology. Specific regional emphasis courses should be selected in consultation with the International Studies Program coordinator to provide both breadth and depth of study in a region.

### **MINOR - 21 CREDITS**

1. SPCH 166-424
2. ECON 230-401 OR 230-459
3. PSCI 820-351
4. INST 617-488
5. SELECT 9 CREDITS FROM THE FOLLOWING FOUR AREAS:
  - a. GEOG 722-366, ART 115-309, RACE 614-496, HIST 740-340, 740-410, PSCI 820-461, 820-471
  - b. GEOG 722-364, ECON 230-451, PSCI 820-460, 820-472, HIST 740-130, 740-131, RELG 786-211, 786-303, SOC 880-290, ANTH 892-324, ENGL 680-258
  - c. GEOG 722-362, HIST 740-372, 740-372, 740-460, PSCI 820-352, HIST 740-381, GERM 684-350, FREN 682-340, 682-350
  - d. GEOG 722-363, 722-365, MUSC 150-144, SPAN 686-360, ANTH 892-312, CHIC 615-330, 615-480

### **LATIN AMERICAN STUDIES MINOR**

Seth Meisel (Coordinator)

The Latin American Studies minor is designed for those who seek to supplement their regular field of study with a multi-disciplinary specialization on Latin America. The program is organized to give students a broad introduction to Latin American history, society and culture drawing on selected courses from Spanish, history, anthropology, geography, economics, Chicano studies, and music. While competency in Spanish is highly recommended, it is not required of minors.

### **MINOR - 24 CREDITS**

1. HIST 740-342 AND HIST 740-343
2. ANTH 892-312 OR CHCN 615-330 OR SPAN 686-360
3. GEOG 722-363 OR GEOG 722-365
4. CHCN 615-480 OR SPAN 686-333
5. SELECT 9 CREDITS FROM COURSES LISTED BELOW AND FROM COURSES NOT USED IN REQUIREMENTS 2 - 4: ANTH 892-218, CHCN 615-491, ECON 230-360, HIST 740-346, MUSC 150-144, SPAN 686-453, 686-454 AND 686-483

## **617 COURSE DESCRIPTIONS**

### **617-280 INTRODUCTION TO AUSTRALIAN STUDIES: AUSTRALIAN SOCIETY GS 3 cr & CULTURE**

The course will focus on Australia in the twentieth century and will explore five major themes. They are: (1) Racial and National Identities. When the Australian nation was created on 1 January 1901, immigration control was a critical issue. British Australians were determined that Australia should remain a "white" society. Students will analyze how this historical legacy continues to impact indigenous and immigrant communities. (2) Comparisons with the United States. Students will examine societal, cultural, and political-economic similarities and differences between Australia and the United States. Close attention will be given to the process of establishing and rekindling a national identity, involving the comparative symbolism of nationhood and federalism. (3) Australia-Asia Interdependencies. Over the last thirty years, Australia's economic and cultural ties to Asia have intensified to the point where Australia is now commonly regarded as being "part of Asia." Students will examine the extent and effects of this "Asianization process." (4) The Impacts of Globalization on Australia. As the corporate forces of globalization diminish national sovereignty, claims for national and cultural identity are called increasingly into question. Students will explore the impacts of globalization in the Australian context, including the rise of grassroots, anti-globalization movements in the country. (5) Contemporary Debates. Several key issues define contemporary Australian society. Among them are the following: Aboriginal reconciliation, environmental management, federalism-republicanism, tax reform, immigration, trade and investment. By studying the terms of these debates, students will gain insight into the emergence of a successful, multicultural democracy in the world's driest continent. No discussion is complete without at least some mention of the

Australian sense of humor that colorfully describes and summarizes these debates.  
Prereq: 900-130 or 900-140 or 900-120 or consent of instructor.

**617-488 TOPICS IN INTERNATIONAL STUDIES 3 cr**

An intensive study of selected topics in International Studies. Subject matter will vary depending on the department and faculty member responsible for the course.  
Repeatable for a maximum of 6 credits in major/degree (for different topics only).  
Prereq: Consent of instructor.

**617-494 SEMINAR 1-3 cr**

An intensive study of selected topics in international studies that supplements the curriculum. Subject matter may vary depending on the needs and desires of the participants.  
Repeatable two times for a maximum of 6 credits in major/degree.  
Prereq: Consent of instructor.

**617-496 SPECIAL STUDIES 1-3 cr**

Repeatable.

**617-498 INDEPENDENT STUDY 1-3 cr**

Study of a selected topic or topics under the direction of a faculty member.  
Repeatable.  
Prereq: Consent of instructor and program director.

## **PROGRAM OF MANAGEMENT COMPUTER SYSTEMS**

*Phone:* 262-472-1467

*E-Mail:* mcs@uwwvax.uww.edu

*Faculty/Staff:* Robert Bryan, Athula Gunawardena, Robert Horton (Coordinator), Jonathan Kane, Anil Kumar, Robert Leitheiser, David Munro, George Sargent, Robert Siemann.

The Management Computer Systems (MCS) major is an interdisciplinary program combining faculty from the Management Department in the College of Business and Economics with their colleagues from the Department of Mathematics and Computer Science in the College of Letters and Sciences. The major offers a unique blend of computing and management skills designed to harness computer technology to the needs of a wide variety of business, industrial, financial, governmental and educational organizations. Graduates are trained in the areas of programming, systems

analysis/design and network management/administration with a strong background in business. Typical entry level positions include programmer, programmer/analyst, network engineer, network management/administration and PC support. The field offers tremendous potential for rapid advancement. The MCS major can be taken in either the College of Business and Economics for a BBA degree or in the College of Letters and Sciences for a BS degree.

## **MAJOR/EMPHASES**

### **MANAGEMENT COMPUTER SYSTEMS WITH NO MINOR EMPHASIS (BS)**

#### **MAJOR - 56 CREDITS**

1. ACTG 210-244, CPSC 765-271, MCS 950-210, 950-220, 950-231 AND 950-232 (NOTE: CPSC 765-162 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 950-210 AND CPSC 765-171 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN EITHER CPSC 765-271 OR MCS 950-210)
2. MATH 760-280, CPSC 765-412, MCS 950-325,950-331, 950-425 AND 950-431
3. ACTG 210-249 OR 210-341 OR 210-342
4. ANY 1 GROUP FROM MATH 760-250 (GM) OR MATH 760-253 AND 760-254
5. SELECT 3 CRED FROM COURSES (REQUIRED ONLY IF MATH 760-250 IS TAKEN; NOT REQUIRED IF BOTH MATH 760-253 AND 760-254 ARE TAKEN) MGNT 250-377, 250-471, 250-484, MATH 760-365, MCS 950-391, 765/950-475, 950-496 AND 950-498
6. SELECT 9 CRED FROM COURSES ECON 230-354, FN LW 240-341, 240-344, MGNT 250-301, 250-306, 250-310 OR MKTG 260-311

#### **UNIQUE REQUIREMENTS:**

#### **WRITING - 3 CREDITS**

1. SELECT 1 COURSE (680-372 RECOMMENDED): B ED 220-353, ENGL 680-370 OR 680-372 RLS

#### **STATISTICS - 3 CREDITS**

1. SELECT 1 COURSE: 760-231, 760-342, OR 230-245

## **MANAGEMENT COMPUTER SYSTEMS WITH MINOR EMPHASIS (BS)**

### **MAJOR - 42 CREDITS**

1. ACTG 210-244, MCS 950-210, 950-220, 950-231 AND 950-232 (NOTE: CPSC 765-162 AND 765-171 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 950-210)
2. MCS 950-325, 950-331, 950-425 AND 950-431
3. ACTG 210-249 OR 210-341 OR 210-342
4. SELECT 9 CRED FROM COURSES: ECON 230-354, FNLW 240-341, 240-344, MGNT 250-301, 250-306, 250-310 OR MKTG 260-311
5. SELECT 3 CRED FROM COURSES MCS 950-391, 765/950-475, 950-496, 950-498, MATH 760-365, MGNT 250-377, 250-471, 250-484, CPSC 765-271

### **UNIQUE REQUIREMENTS:**

#### **WRITING - 3 CREDITS**

1. SELECT 1 COURSE (680-372 RECOMMENDED): B ED 220-353, ENGL 680-370 OR 680-372 RLS

#### **STATISTICS - 3 CREDITS**

1. SELECT 1 COURSE: 760-231, 760-342, OR 230-245

#### **CALCULUS - 3-5 CREDITS**

1. SELECT 1 COURSE: 760-243, 760-250 OR 760-253

### **AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR**

Transfer grades are included in determining eligibility for MCS courses. A minimum combined transfer and UW-Whitewater GPA of 2.5 overall and in the major is required for graduation.

## **MCS COURSE DESCRIPTIONS**

### **MCS 210 CONCEPTS OF DATABASE SYSTEMS 3 cr**

The study of database concepts, including data design and the management of data as a corporate resource. Students are to develop typical business applications with

graphical user interfaces in a windows environment, using a relational database and fourth generation languages.

Prereq: MCS 171 and an overall g.p.a .of 2.50.

### **MCS 220 CONCEPTS OF PROGRAMMING 3 cr**

This course teaches students professional software development using object-oriented program design and the Java programming language. Coverage includes correct business programming style and documentation, program debugging and testing, database and file processing, event-handling, and graphical user interfaces.

Coreq: MCS 210. Prereq: COMPSCI 172 and an overall gpa of 2.50.

### **MCS 231 CONCEPTS OF DATA STRUCTURES 3 cr**

This course is an introduction to data structures, using the Java programming language. It covers static and dynamic implementation of data structures, including lists, stacks, queues and trees. It emphasizes object-oriented design and programming methodology, including inheritance and polymorphism, and applies these in the development of large programming projects.

Prereq: MCS 210 and MCS 220 and an overall g.p.a. of 2.50.

### **MCS 232 CONCEPTS OF COBOL WITH FILE STRUCTURES 3 cr**

The COBOL language is taught and then used to study file organizations at both the logical and physical level in order to provide a firm foundation for the future study of database and information systems. Sequential, indexed, and relative files are discussed. Hashing and the implementation of complex file structures is discussed.

Students act as maintenance programmers updating and modifying existing programs.

Prereq: MCS 231 and an overall g.p.a. of 2.50.

### **MCS 325 CLIENT/SERVER - LOCAL AREA 3 cr**

This course is designed to give students familiarity with distributed computing in a local area environment. Students are to gain "hands-on" experience in simple network management. They also are to learn and use an event-driven, object-oriented programming language to exchange data with other applications in a local area networking environment.

Prereq: MCS 231 and an overall g.p.a. of 2.50.

### **MCS 331 SYSTEMS ANALYSIS AND DESIGN 1 3 cr**

In this course, the student learns to analyze the business organization as a system, to structure both the information and processes of a business or organization, and to complete the systems development process through the logical design phase. The course utilizes an object-oriented methodology for the systems development process.

The student begins a team project that is completed in 950-431.

Coreq: MCS 325 and MCS 245 or MATH 231 or MATH 342. Prereq: MCS 231 and an overall g.p.a. of 2.50.

### **MCS 391 MCS COOPERATIVE PROGRAM 3 cr**

The student is to work as an information systems professional in a business or government organization and report on the experience to the MCS faculty and fellow students.

Prereq: Consent of MCS Cooperative Program Coordinator and an overall g.p.a. of 2.50.

### **MCS 425 WEB DEVELOPMENT 2 3 cr**

This course teaches students how to develop Web applications using Java technologies. The course focuses on design and implementation of distributed applications for the Internet and/or intranets. Topics include object-oriented distributed systems and technologies, database access, security, advanced Java programming, and technical design issues for e-Commerce systems.

Prereq: MCS 325 and an overall gpa. of 2.50.

### **MCS 431 SYSTEMS ANALYSIS AND DESIGN 2 3 cr**

This course is a study of the principles and activities associated with the physical design and implementation of computer based information systems using object oriented methodologies. It includes object-oriented decomposition, system testing, documentation, system security, conversion and implementation. The student completes the team project started in 950-331.

Prereq: MCS 331 and an overall g.p.a. of 2.50.

### **MCS 475 NETWORK ENGINEERING 3 cr**

This class will explore the OSI (Open Systems Interconnection) networking model, standard networking protocols, and network architecture including implementation, administration and maintenance. Students will also gain "hands-on" networking experience by installing and setting up a network operating system, building a small LAN, and managing network servers.

Prereq: MCS 325 or consent of instructor and an overall g.p.a. of 2.50. Unreq: COMPSI 475.

### **MCS 496 SPECIAL STUDIES 3 cr**

Repeatable for a maximum of 9 credits in major/degree.

Prereq: Consent of instructor.

### **MCS 498 INDEPENDENT STUDIES 1-3 cr**

Repeatable.

Prereq: Approval of the MCS Coordinator and the faculty member supervising the course. Completion of at least four MCS core courses and an overall g.p.a. of 2.50.

## **DEPARTMENT OF MATHEMATICAL AND COMPUTER SCIENCES**

*Phone:* 262-472-1313

*E-Mail:* mathcmpsci@uwwvax.uww.edu

*Faculty:* Mohammad Ahmadi, Malvina Baica, Robert Bryan, Martin Engert, Fe Evangelista, Athula Gunawardena, Bennette Harris, Robert Horton, Jonathan Kane, Gary Klatt, Edwin Klein, Judy Knapp, Robert Knapp, Kristen Lampe, Peter Lampe, Julie Letellier, Janet Ley-Nelson, Thomas McFarland, Ki-Bong Nam, Gado Ongwela, Faustine Perham, Dieudonne Phanord (Chairperson), Chilukuri Rao, Geetha Samaranayake, Sobitha Samaranayake, David Sarocka, Richard Schauer, Robert Siemann, David Stoneman, Jerome Tanguay, James Trier, Krishnanand Verma.

### **MATHEMATICS**

Mathematics has traditionally been the language of science and now plays a vital role in the social sciences and business as well. Every field in which quantitative activity is found requires that its workers have good backgrounds in mathematics. A student well-versed in mathematics will find their skills of use in almost any profession.

Although mathematics is studied for its applications, it also attracts many who are interested in its aesthetic and creative side. A study of mathematics improves one's ability to think about abstract concepts, to conceptualize about hypothetical structures, to reach logical conclusions, and to consider many solution techniques when problem solving.

### **MAJOR**

The Department of Mathematical and Computer Sciences offers four distinct emphases for a degree in mathematics: BA/BS PURE MATHEMATICS, BA/BS MATHEMATICS STATISTICS, BA/BS SPACE MATHEMATICS, BSE MATHEMATICS FOR SECONDARY EDUCATION. A student interested in pursuing graduate work in mathematics or combining their mathematics major with a second major or emphasis in music, art, computer science, or language would be interested in the PURE MATHEMATICS emphasis. A student interested in a career as a statistician, an actuary, a demographer, or a specialist in marketing, quality



control, or economics would be interested in the MATHEMATICS STATISTICS emphasis. A student interested in a career in the application of mathematics to space science, engineering, physics, or other science would be interested in the SPACE MATHEMATICS emphasis. A student interested in a career as a mathematics educator at the secondary school level would be interested in the MATHEMATICS FOR SECONDARY EDUCATION emphasis. Each emphasis requires the completion of the following core courses.

#### **MATHEMATICS MAJOR CORE COURSES (25 CREDITS)**

760-253, 760-254, 760-255, 760-280, 760-301, 760-355, 760-452

#### **MATHEMATICS (BA/BS) COMPUTER EMPHASIS**

MAJOR - 37-39 UNITS

1. MATH 253, MATH 254, MATH 255, MATH 280, MATH 301, MATH 355, MATH 452,
2. SELECT 4 COURSES FROM ONE OF THE FOLLOWING EMPHASIS:
  - a. PURE MATHEMATICS: MATH 361, MATH 417, MATH 453, MATH 461
  - b. SECONDARY EDUCATION: MATH 353, MATH 359, MATH 441, MATH 453
  - c. STATISTICS: MATH 342, MATH 441, MATH 442, MATH 446
  - d. SPACE MATHEMATICS: MATH 361, MATH 459, MATH 473, MATH 475
3. COMPSCI 322, COMPSCI 433, COMPSCI 434, MATH 471

#### **MATHEMATICS (BA/BS) APPLIED MATHEMATICS AND COMPUTER SCIENCE BROADFIELD**

MAJOR - 58 UNITS

1. MATH 253, MATH 254, MATH 255
2. MATH 280, MATH 355
3. SELECT EITHER MATH 301 OR MATH 452
4. MATH 342, MATH 361, MATH 459, MATH 471
5. COMPSCI 172, COMPSCI 173, COMPSCI 271, COMPSCI 412, COMPSCI 443, COMPSCI 445, MCS 210
6. SELECT EITHER COMPSCI 372 OR MCS 231

WRITING REQUIREMENT - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372

**APPLIED MATHEMATICS OF EARTH SYSTEM AND SPACE  
SCIENCES BROADFIELD (BA/BS)**

MAJOR - 58 UNITS

1. MATH 253, MATH 254, MATH 255, MATH 355
2. COMPSCI 172, COMPSCI 173
3. MATH 361, MATH 458, MATH 459, MATH 463
4. GEOGRPY 377
5. PHYSCS 320, PHYSCS 322
6. MATH 471, MATH 473, MATH 475
7. MATH 477, MATH 483

WRITING REQUIREMENT - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372

**MATHEMATICS (BA/BS PURE MATH)**

MAJOR - 37 CREDITS

1. Completion of the core.
2. 760-361, 760-417, 760-453, 760-464

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 CREDITS

1. CPSI 765-171 RLS

WRITING REQUIREMENT - 3 CREDITS

1. ENGL 680-370 OR 680-372

**MATHEMATICS (BA/BS MATH STAT)**

MAJOR - 38 CREDITS

1. Completion of the core
2. 760-342, 760-441, 760-442, 760-446

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 CREDITS

1. CPSI 765-171 RLS

WRITING REQUIREMENT - 3 CREDITS

1. ENGL 680-370 OR 680-372

Students in this emphasis are encouraged to take courses in economics, accounting, and insurance offered in the College of Business and Economics.

### **MATHEMATICS (BA/BS SPACE MATH)**

MAJOR - 38 CREDITS

1. Completion of the core.
2. 760-361, 760-459, 760-473, 760-475

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 CREDITS

1. CPSI 765-171 RLS

WRITING REQUIREMENT - 3 CREDITS

1. ENGL 680-370 OR 680-372

Students in this emphasis are encouraged to take courses in computer science, physics, chemistry, geography, and biology.

### **MATHEMATICS (BSE SECONDARY ED)**

LICENSURE - 34 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-428
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492
8. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 39 CREDITS

1. Completion of the core.
2. 760-353, 760-359, 760-441, 760-453

## WRITING REQUIREMENT - 3 CREDITS

1. ENGL 680-370 OR 680-372

## AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Majors who anticipate a career in applied mathematics should take the two-course sequence 760-458/760-459, and as many of the following as are feasible: 760-342, 760-361, 760-365, 760-441, 760-442, 760-463, 760-471, 760-472, and all courses listed under computer science.

Majors who anticipate graduate study in mathematics should take both of the two-course sequences 760-452/760-453 and 760-464/760-465 and as many of the following as are feasible: 760-342, 760-361, 760-417, 760-431, 760-441, 760-454, 760-463, and a year of French or German.

Majors who are interested in pursuing a career as an actuary are encouraged to take as many of the following courses as possible: 760-342, 760-365, 760-441, 760-442, 760-446, 760-471, 765-162, and courses in accounting and insurance offered in the College of Business and Economics.

## MINOR/EMPHASES

### MATHEMATICS

#### MINOR - 22 CREDITS

1. MATH 760-253, 760-254, 760-255 AND 760-280
2. SELECT 6 ELECTIVE MATH CREDITS IN COURSES

HIGHER THAN 760-255 EXCEPT 760-375.

### MATHEMATICS: SECONDARY EDUCATION EMPHASIS

#### MINOR - 27 CRED

1. MATH 760-253, 760-254, 760-280, 760-342 AND 760-353
2. SELECT 1 COURSE FROM 760-355 OR 760-452

### MATHEMATICS: ELEMENTARY EDUCATION EMPHASIS

#### MINOR - 23 CREDITS

1. MATH 760-111, 760-112, 760-152, 760-231, 760-375, 760-415 AND 760-416

A student with a strong high school background in mathematics, and on the recommendation of the department chair, may waive 760-152 and elect other mathematics courses approved by the department chair.

Restriction of credit: A student may not register for a course which is a prerequisite for any other course in which credit has been received unless departmental approval is obtained. The courses 760-040 and 760-041 may not be taken by those who have successfully completed, are taking, or have had waived any course numbered 760-140 or above. A student may not register for 760-143 if 760-152 or any course beyond 760-152 has been completed unless departmental approval is obtained. A student may not receive credit for both 760-243 and 760-250, 760-243 and 760-253, or for both 760-250 and 760-253. Those who do well (A or B) in 760-243 and desire more calculus should elect 760-253 (even though credit cannot be earned for both courses). Those who do well (A or B) in 760-250 and desire more calculus should elect 760-254. Anyone anticipating a mathematics major or minor is advised to take 760-253. If a student who has completed 760-250 wants to change to a mathematics major or minor, 760-254 may be taken provided the student earned at least a B in 760-250 and has the consent of the Department Chair. A student with less than a B in 760-250 should take 760-253 even though credit will be given for only one of the courses 760-250 or 760-253. Anyone going from 760-250 to 760-254 should be aware of the trigonometry and rigor stressed in 760-253. All students seeking initial registration in any course in the calculus sequence 760-253 through 760-255 who have not completed 760-152 must consult with the Department Chair. All students seeking to count 760-250 as part of their mathematics major or minor must consult with the Department Chair.

Courses carrying "for the elementary teacher" in the title may not be applied toward a major or minor in mathematics except by students in elementary education.

Students may not receive credit for both 760-415 and 760-452. 760-375 will not count towards a mathematics major or minor in Letters and Sciences.

Courses listed only as computer science may not be used for a mathematics major or minor. Courses listed in both computer science and in mathematics may not be used for credit in both areas. 760-441/760-442 or 760-471/760-472 will satisfy the sequence requirement of the mathematics major even though 760-442 or 760-471 is used for computer science credit.

## **COMPUTER SCIENCE**

Computer Science is a discipline of modern origin in which the theory and applications of high speed machine computation, of efficient data processing, of advanced graphics design, and of machine assisted problem solving are developed and studied.

The computer science minor builds a solid background in computing and related principles so that students emerge from the program equipped for both commercial employment and for advanced study.

Employment opportunities are to be found in the data processing departments of commercial enterprises and of state and federal agencies, in research in all of the physical and social sciences, and in many industrial and engineering applications. Although the opportunities offered students are many and varied, it must be recognized that the rapid rate of change of our technology imposes the responsibility of continuing study in order to remain current in this field.

## **MINOR/EMPHASIS**

### **COMPUTER SCIENCE**

#### **MINOR - 24 CREDITS**

1. CPSC 765-171, 765-271 AND 765-412
2. MCS 950-220 OR MGNT 250-376
3. CPSC 765-372 OR MCS 950-231
4. SELECT 9 CRED FROM COURSES : ANY MANAGEMENT

COMPUTER SYSTEM COURSE, ANY COMPUTER SCIENCE COURSE NUMBERED 765-350 OR ABOVE, 765-302, 765-307 OR 760-280. A STUDENT MAY NOT COUNT BOTH 765-372 AND 950-231 TOWARD THE MINOR.

### **COMPUTER SCIENCE EDUCATION EMPHASIS**

#### **MINOR - 24 CREDITS**

1. CPSC 765-171 AND 765-307
2. CPSC 765-271 OR 765-302
3. CPSC 765-372 OR MCS 950-231
4. MCS 950-220 OR MGNT 250-376
5. SELECT 9 CRED FROM COURSES : ANY MANAGEMENT COMPUTER SYSTEM COURSE, ANY COMPUTER SCIENCE COURSE NUMBERED

765-350 OR ABOVE, 765-302, 765-271 OR 760-280. A STUDENT MAY NOT COUNT BOTH 765-372 AND 950-231 TOWARD THE MINOR.

## **WEB SITE DEVELOPMENT AND ADMINISTRATION**

MINOR - 24 CREDITS

1. ART 110-222
2. CPSC 765-171
3. CPSC 765-372 OR MCS 920-231
4. BE/CNA 220-357
5. CPSC 765-381, 765-382, 765-481, AND 765-482

## **CERTIFICATE**

WEB SITE DEVELOPMENT AND ADMINISTRATION

CERTIFICATE - 15 CREDITS

1. ART 110-222
2. BE/CNA 220-357
3. CPSC 765-281, 765-282, 765-381, 765-382
4. CPSC 765-481 OR CPSC 765-482

Courses listed only as computer science will not count toward a mathematics major or minor.

## **760 COURSE DESCRIPTIONS**

### **760-040 PRE-ALGEBRA**

**3 cr**

A course for students who need a review of basic mathematics or who lack the computational skills required for success in algebra and other University courses. Topics include fractions, decimals, percent, descriptive statistics, English and metric units of measure, and measures of geometric figures. Emphasis is on applications. A brief introduction to algebra is included at the end of the course. This course does count toward the semester credit load and will be computed into the grade point average. It will not be included in the 120 credits required for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis. Not available to

students who have satisfied the University Proficiency requirement in mathematics.  
Unreq: 760-140 or 760-141

**760-041 BEGINNING ALGEBRA** **3 cr**

A course for students who need a review of basic mathematics or who lack the computational skills required for success in algebra and other University courses. Topics include fractions, decimals, percent, descriptive statistics, English and metric units of measure, and measures of geometric figures. Emphasis is on applications. A brief introduction to algebra is included at the end of the course. This course does count toward the semester credit load and will be computed into the grade point average. It will not be included in the 120 credits required for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis. Not available to students who have satisfied the University Proficiency requirement in mathematics.  
Unreq: 760-140 or 760-141

**760-041 BEGINNING ALGEBRA MATHEMATICAL & COMPUTER SCIENCES** **4 cr**

A course for those who have a sound background in basic arithmetic, but who have not been exposed to algebra, or who need to strengthen their basic algebra skills. Topics include properties of the real numbers, linear and quadratic equations, linear inequalities, exponents, polynomials, rational expressions, the straight line, and systems of linear equations. The course counts towards the semester credit load and will be computed into the grade point average. It will not, however, be included in the credits necessary for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis.  
Prereq: 760-040 or equivalent demonstration of capability. Students cannot receive credit for 760-041 if they have been waived from the Mathematics Proficiency Requirement. Not available to students who have satisfied the University Proficiency requirement in mathematics.  
Unreq: 760-140 or 760 141.

**760-140 MATHEMATICAL IDEAS (Proficiency)** **3 cr**

Designed to give students a broad understanding and appreciation of mathematics. Includes topics not usually covered in a traditional algebra course. Topics encompass some algebra, problem solving, counting principles, probability, statistics, and consumer mathematics. This course is designed to meet the University Proficiency Requirement in mathematics for those students who do not wish to take any course which has 760-141 as a prerequisite.  
Prereq: Satisfactory completion of 760-041, with a grade of C or better, or



demonstration of equivalent capability. This course cannot be taken for credit after completing any mathematics course above 141.

**760-141 INTERMEDIATE ALGEBRA (Proficiency) 4 cr**

Introduction to college algebra. Topics and concepts extend beyond those taught in a beginning algebra course. A proficiency course for those who have not had sufficient preparation in high school to allow them to take 760-143 or 760-152.

Prereq: Satisfactory completion, with a grade of C or better, of 760-041 or demonstration of equivalent capability. A student cannot receive credit for both 760-141 and 760-141B. A student cannot receive credit for either 760-141 or 760-141B if they have been waived from the Mathematics Proficiency Requirement. (See University Proficiency Requirements in the Bulletin). Students may not take for credit any course for which they have received a waiver, nor may they take for credit any course in the same department that is a prerequisite for a course that has been waived (e.g., if a student has been waived from Math 143, he may not take Math 141 for credit).

**760-143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES GM 3 cr**

Mathematical preparation for the understanding of various quantitative methods in modern management and social sciences. Topics included are sets, relations, linear functions, interest, annuities, matrix theory, the solution of linear systems by the graphical, algebraic, Gauss-Jordan, and inverse methods, linear programming by graphical and simplex methods, counting and probability, and decision theory. College of Business and Economics majors must take this course on a conventional grade basis.

Prereq: Waiver of or a grade of C or better in 760-141.

**MATH 148 MATHEMATICS FOR THE ELEMENTARY TEACHER I GM 3 u**

A study of sets, whole numbers, fundamental operations of arithmetic, fundamental algorithms and structural properties of arithmetic, fractions, problem solving and introduction to inductive and deductive logic stressing the structure of mathematics. All students will prepare a mathematics based activity and present it at an area elementary school. For elementary education prekindergarten-6 and elementary education elementary/middle school emphasis students.

Prereq: A grade of C or better in 760-141 or 760-141B or a waiver from the university mathematics proficiency requirement.

**MATH 149 MATHEMATICS FOR THE ELEMENTARY TEACHER II 3 u**

Selected topics in logic. The computer as a useful tool in mathematical explorations is

introduced and applied throughout the course. Topics in probability and statistics, with emphasis on descriptive techniques. Investigations in geometric figures, measurement, construction, congruent and similar geometric figures. An introduction to coordinate geometry. Problem solving, discovery, and student projects are emphasized throughout. All students will prepare a mathematics based activity and present it at an area elementary school.

Prereq: Satisfactory completion of 760-111 with a grade of C or better.

**760-152 ELEMENTARY FUNCTIONS** *GM* **5 cr**

Review of algebraic functions, inequalities, mathematical induction, theory of equations, exponential and logarithmic functions, circular functions, trigonometric identities and equations, inverse trigonometric functions, solution of triangles.

Prereq: Waiver of or a grade of C or better in 760-141.

**760-177 THE LOGIC OF CHESS 1 cr**

A study of logic particularly as it is used in the game of chess and, most particularly, in chess strategy and the end game of chess. The rules are taught to those who are not already acquainted with the game.

Prereq: Fulfillment of University Proficiency requirement in mathematics.

**760-230 INTRODUCTORY STATISTICS** *GM* **3 cr**

A pre-calculus course in statistics. Descriptive statistics, probability distributions, prediction, hypothesis testing, correlation, and regression. This course does not count towards a mathematics major or minor in either liberal arts or secondary education or towards a mathematics minor in elementary education. This course may not be taken for credit if credit has been or is being earned in any other statistics course.

Prereq: Waiver or a grade of C or better in 760-141. Unreq: Any other statistics course.

**760-231 UNDERSTANDING PROBABILITY AND STATISTICS** *GM* **3 cr**

A pre-calculus course in probability and statistics. Descriptive statistics, classical probability, probability distributions, prediction, parametric and nonparametric hypothesis testing, correlation, regression, and use of some statistical software. This course does not count towards a mathematics major or minor in liberal arts or towards a mathematics major in secondary education. This course may not be taken for credit if credit has been or is being earned in any other statistics course.

Prereq: Completion, with a grade of C or better, of either 760-143 or 760-152. Unreq: Any other statistics course.

**760-243 SHORT CALCULUS FOR BUSINESS AND SOCIAL SCIENCES** *GM* **3 cr**

A general survey of the Calculus. Topics covered include limits, differentiation, max-min theory, exponential and logarithmic functions, integration and functions of several variables. As in 760-143, business and social science applications are stressed. College of Business and Economics majors must take this course on a conventional grade basis.

Prereq: Completion with a grade of C or better in either of the courses 760-143 or 760-152.

Unreq: 760-250. Students should check with their major department for advice on whether to take 760-243 or 760-250.

### **760-250 APPLIED CALCULUS SURVEY FOR BUSINESS AND THE SOCIAL SCIENCES *GM* 5 cr**

An applied calculus course covering elementary analytic geometry, limits, differentiation, max-min theory, transcendental functions, integration, functions of several variables, and elementary differential equations. Some computer topics may be included. College of Business and Economics majors must take this course on a conventional grade basis.

Prerequisite: 760-143, with a grade of C or better, or equivalent preparation as determined by the Mathematics Department. Unreq: 760-243, 760-253.

### **760-253 CALCULUS AND ANALYTIC GEOMETRY I *GM* 5 cr**

Review of algebraic and trigonometric functions, study of the derivative, techniques of differentiation, continuity, applications of the derivative, the Riemann integral, applications of the integral. Conventional grade basis only if course is required in the College of Business for major.

Prereq: 760-152 or equivalent high school preparation as determined by the Mathematics Department.

Unreq: 760-243 and 760-250.

### **760-254 CALCULUS AND ANALYTIC GEOMETRY II 5 cr**

Transcendental functions, techniques of integration, improper integrals, L'Hospital's Rule and indeterminate forms, infinite series, polar coordinates and conic sections. This course includes a writing component.

Prereq: 760-250 with a grade of B or better, or 760-253.

### **760-255 CALCULUS AND ANALYTIC GEOMETRY III 3 cr**

Solid analytic geometry, vectors and vector functions, functions of several variables, multiple integrals and their applications.

Prereq: 760-254.

### **760-280 DISCRETE MATHEMATICS 3 cr**

This course will supply a thorough grounding in the mathematical topics which are

central to the study of computer science, and which form the basis for many modern applications of mathematics to the social sciences. Topics covered will include sets, logic, Boolean algebra and switching circuits, combinatorics, probability, graphs, trees, recursion, and algorithm analysis. Expressing mathematical ideas and writing proofs will be emphasized.

Prereq: 760-250 with a grade of C or better, or 760-253.

### **760-290 SPATIAL ANALYSIS**

**3 cr**

Presentation and interpretation of data, use descriptive statistics and measures of spatial patterns, introduction to statistical inference and measures of association, with particular reference to geographic examples. Students will become proficient in using computers to achieve these skills.

Prereq: 760-143

### **760-301 INTRODUCTION TO ANALYSIS**

**3 cr**

The main emphasis of this course is to introduce students to mathematical proofs. Students will learn to read and write proofs in mathematics by writing proofs of theorems about limits, sets of real numbers, and continuous functions. If time permits, other topics may include derivative and integration theorems, theory of open and closed sets, and cardinality of sets.

Prereq: 760-255 and 760-280

### **760-342/542 APPLIED STATISTICS**

**3 cr**

This course will cover the basics of statistical testing, regression analysis, experimental design, analysis of variance, and the use of computers to analyze statistical problems.

Prereq: 760-253 or 760-250 or cons instr.

Unreq: 230-245.

### **760-353 COLLEGE GEOMETRY**

**5 cr**

The topics included in this course are foundations of Euclidean geometry, Euclidean transformational geometry, modern synthetic geometry that builds on Euclidean geometry, selected finite geometries, and an introduction to non-Euclidean and projective geometry, including their relationship to Euclidean geometry. Although the course is adapted to the prospective teacher of geometry, it will also meet the needs of those in other majors needing a background in geometry. Standards and guidelines of appropriate national and local bodies will be implemented.

Prereq: 760-253 and 760-280 or consent of instructor.

### **760-355/555 MATRICES AND LINEAR ALGEBRA**

**3 cr**

Systems of linear equations, matrices and determinants, finite dimensional vector spaces, linear dependence, bases, dimension, linear mappings, orthogonal bases, and

eigenvector theory. Applications stressed throughout.  
Prereq: 760-250 or 760-253.

**760-359 MATHEMATICAL MODELING & STATISTICS** **3 cr**

An introduction to mathematical modeling and descriptive statistics. Students will develop the basic skills of formulation, simplification, and analysis of mathematical models for describing and predicting physical phenomena. The basic tools of descriptive statistics will also be introduced; the use of descriptive statistics in formulating and interpreting mathematical models will be emphasized.  
Prereq: 760-255 or consent of instructor.

**760-361 DIFFERENTIAL EQUATIONS** **3 cr**

Ordinary differential equations: general theory of linear equations, special methods for nonlinear equations including qualitative analysis and stability, power series and numerical methods, and systems of equations. Additional topics may include transformation methods and boundary value problems. Applications stressed throughout.  
Prereq: 760-255.

**760-365/565 LINEAR PROGRAMMING** **3 cr**

A study of the vector-matrix theory and computational techniques of the simplex method, duality theorem, degeneracy problem, transportation problems and their applications to engineering and economics. Machine solution of large linear programming problems.  
Prereq: 765-171 and 760-355.

**760-375/575 DEVELOPMENT OF MATHEMATICS** **3 cr**

A study of the development of mathematical notation and ideas from prehistoric times to the present. The development and historic background of the new math will be included.  
Prereq: 760-152 or cons instr.

**760-380/580 PATTERNS OF PROBLEM SOLVING** **3 cr**

This course will expose students to a variety of techniques useful in solving mathematics problems. The experiences gained from this course can be applied to problems arising in all fields of mathematics. The student will have the chance to see how some general techniques can be used as tools in many areas. Homework for this course will consist mostly of solving a large number of mathematics problems. Consent will be given to students with substantial interest in problem solving, and adequate preparation.  
Prereq: 760-280 or cons instr.

**760-415/615 MODERN ALGEBRA AND NUMBER THEORY FOR THE ELEMENTARY TEACHER 3 cr**

An introduction to modern algebra with special emphasis on the number systems and algorithms which underlie the mathematics curriculum of the elementary school.

Topics from logic, sets, algebraic structures, and number theory.

Prereq: 760-112 and 760-152. Unreq: 760-452.

**760-416/616 GEOMETRY FOR THE ELEMENTARY TEACHER 3 cr**

A study of the intuitive, informal geometry of sets of points in space. Topics include elementary constructions, coordinates and graphs, tessellations, transformations, problem solving, symmetries of polygons and polyhedra, and use of geometry computer software.

Prereq: 760-112 and 760-152

**760-417/617 THEORY OF NUMBERS 3 cr**

A study of the properties of integers, representation of integers in a given base, properties of primes, arithmetic functions, module arithmetic. Diophantine equations and quadratic residues. Consideration is also given to some famous problems in number theory.

Prereq: 760-280 or 760-415 or cons instr.

**760-431/631 TOPOLOGY 3 cr**

An introduction to point-set topology, including such topics as topological spaces, mappings, connectedness, compactness, separation axioms, metric spaces, complete spaces, product spaces and function spaces.

Prereq: 760-255 and either 760-280 or cons instr.

**760-441/641 PROBABILITY THEORY 3 cr**

Probability spaces, discrete and continuous random variables, mathematical expectation, discrete and continuous distributions.

Prereq: 760-255 and either 760-280 or cons instr.

**760-442/642 MATHEMATICAL STATISTICS 4 cr**

This course will cover moment generating functions, moments of linear combinations of random variables, conditional expectation, functions of random variables, sampling distributions, the theory of estimation, Bayesian estimation, hypothesis testing, nonparametric tests, and linear models.

Prereq: 760-441 and either 760-355 or cons instr.

**760-446/646 ACTUARIAL MATHEMATICS 3 cr**

This course will discuss the actuarial profession and the insurance industry, provide

direction to students wishing to take the first few actuarial examinations, thoroughly cover the theory of interest, and introduce the basic concepts of actuarial mathematics.

Prereq: 760-441 or concurrent registration

**760-452/652 INTRODUCTION TO ABSTRACT ALGEBRA** **3 cr**

An introductory survey of abstract algebra and number theory with emphasis on the development and study of the number systems of integers, integers mod  $n$ , rationals, reals, and complex numbers. These offer examples of and motivation for the study of the classical algebraic structures of groups, rings integral domains and fields.

Applications to algebraic coding theory and crystallography will be developed if time allows.

Prereq: 760-280.

Unreq: 760-415.

**760-453/653 ABSTRACT ALGEBRA** **3 cr**

This course is a continuation of 760-452/652 with emphasis on ring and field theory. Topics include a review of group theory, polynomial rings, divisibility in integral domains, vector spaces, extension fields, algebraic extension fields, finite fields, etc.

Prereq: 760-355 and 760-452.

**760-458/658 APPLIED MATHEMATICAL ANALYSIS I** **3 cr**

Selected topics in ordinary differential equations: series solutions, stability, transform methods, special functions, numerical methods, vector differential calculus, line and surface integrals.

Prereq: 760-361.

**760-459/659 PARTIAL DIFFERENTIAL EQUATIONS** **3 cr**

Fourier analysis, partial differential equations and boundary value problems, complex variables, and potential theory.

Prereq: 760-361.

**MATH 463 COMPLEX VARIABLES** **3 cr**

This course is a study of the algebra and geometry of complex numbers, the properties of analytic functions, contour integration, the calculus of residues, and the properties of power series.

Prereq: MATH 255

**760-464/664 ADVANCED CALCULUS I** **3 cr**

This course presents a rigorous treatment of the differential and integral calculus of single variable functions, convergence theory of numerical sequences and series, uniform convergence theory of sequences and series of functions, metric spaces,

functions of several real variables, and the inverse function theorem. This course contains a writing component.

Prereq: 760-301.

**760-471/671 NUMERICAL ANALYSIS I** **3 cr**

Emphasis on numerical algebra. The problems of linear systems, matrix inversion, the complete and special eigenvalue problems, solutions by exact and iterative methods, orthogonalization, gradient methods. Consideration of stability and elementary error analysis. Extensive use of microcomputers and programs using a high level language, such as PASCAL.

Prereq: 765-171 and 760-355.

**760-473 LIGHTNING RADIATIVE TRANSFER** **4 cr**

This course will introduce the students to the field of Mathematical Lightning Radiative Transfer. It will provide the students with the background needed to analyze lightning events and to discriminate cloud to ground discharges from intra-cloud discharges. In addition, this course will introduce the students to the area of Ground Detection of Lightning.

Prereq: 760-361 and 800-174 or consent of instructor.

**760-475 DATA INTERPRETATION OF SPACE SCIENCE** **3 cr**

This course will continue the study of Mathematical Space Science. The course will teach and train students on how to read and interpret data from Space and ground instruments. Students will learn how to access and work with satellite data.

Prereq: 760-361 and 765-171 or consent of instructor.

**MATH 477 MATHEMATICAL SCATTERING** **3 cr**  
**THEORY AND APPLICATIONS**

This course will address the fundamental theory and applications of mathematical scattering. Students will be exposed to the scalar, vector, and tensor scattering. In addition, the course will introduce the students to diverse techniques of statistical and mathematical scattering inversion. Applications from earth system and space sciences will be studied throughout the course.

Prereq: MATH 458, MATH 459, MATH 463 AND PHYSCS 322 or consent of instructor.

**MATH 483 MATHEMATICAL WAVES** **3 cr**  
**PROPAGATION THEORY AND APPLICATIONS**

This course will address the fundamental theory and applications of mathematical wave propagation. Students will be exposed to the scalar, vector, and tensor wave nature of matter. In addition, the course will introduce diverse techniques of linear and non-linear modeling of natural occurrences and their role in understanding



mathematical inversion. Applications from earth system and space sciences will be studied throughout the course.

Prereq: MATH 458, MATH 459, MATH 463 AND PHYSCS 322 or consent of instructor.

**760-490/690 WORKSHOP** **1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**760-492 FIELD STUDY** **1-3 cr**

A study for which data is obtained or observations are made outside the regular classroom. Repeatable.

Prereq: Consent of instructor.

**760-494/694 SEMINAR** **2 cr**

Repeatable.

Prereq: Consent of instructor.

**760-496/696 SPECIAL STUDIES** **1-3 cr**

Repeatable three times maximum in 6 years.

Prereq: Consent of instructor.

**760-498 INDEPENDENT STUDY** **1-3 cr**

Repeatable.

Prereq: Consent of instructor and consent of department chairperson.

**760-499 PROJECT FOR MAJORS** **1 cr**

This course is designed to give students experience and to improve their skill in reading, writing, and understanding mathematics by requiring them to research one or more mathematical topics and then write a report about their activities and discoveries. The focus is on the learning and communication of mathematics: how to read with understanding, write with clarity and precision, and in the process discover how writing can aid in understanding.

Prereq: Jr st or cons dept chp

## **765 COURSE DESCRIPTIONS**

**765-161 INTRODUCTION TO COMPUTERS GM 3 cr**

Introduction to Computers is designed for students with no previous computer experience. It includes practical experience designed to make it easy to use

computers as tools in other courses. Word processing; spreadsheets; data storage and retrieval; data communications; computer graphics and applications; uses of computers; computer concepts and terminology; problems arising from the use of computers.

Prereq: 760-140 or 760-141 or concurrent registration or waiver from the University Mathematics Proficiency Requirement.

Unreq: 765-162 This course is not available to Business majors (including MCS).

### **765-162 COMPUTER APPLICATIONS GM 3 cr**

Computer Applications is designed for students with some previous computer experience. It covers topics similar to those in 765-161 but goes into more detail, including the writing of macros and batch files.

Prereq: 760-140 or 760-141 or concurrent registration or waiver from the University Mathematics Proficiency Requirement.

Unreq: 765-161.

### **765-171 INTRODUCTION TO PROGRAMMING GM 3 cr**

An introduction to computer programming and its applications to science, business and education. Opportunity for extensive experience in designing and writing structured programs in the Visual Basic language.

Prereq: 760-152 or 760-143 or 760-253 or con reg in 760-253 or cons instr.

### **765-172 INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING IN JAVA 3 cr**

This course will give students the essentials of object-oriented programming in Java. Students will learn to formulate algorithms, to solve problems and to implement those solutions with a Java program that employs objects and classes. The student will be introduced to object-oriented design, applications and applets, class construction, methods and message passing, arrays, string-processing, file processing, and some event-handling and Graphical User Interface programming. This course is designed for students with some prior programming experience.

Prereq: 760-152 or 760-143 or concurrent registration in 760-253 and 765-171 or equivalent programming experience or consent of instructor.

### **765-173 INTRODUCTION TO FORTRAN PROGRAMMING 3 cr**

This course provides an introduction to Fortran programming and its applications to mathematical and physical sciences. It provides an opportunity to gain extensive experience in designing and writing Fortran programs. Dec Alpha computer, a successor or Vax, is used to write the programs. The language used is Dec Fortran which is more fancy than standard Fortran 77.

Prereq: 760-152 or 760-143 or 760-253 or con reg 760-253 or cons instr.

**765-271 ASSEMBLY PROGRAMMING 3 cr**

A study of assembly language basic instructions, number systems, information move, integer arithmetic, subroutine linkage, memory allocation, bit manipulation, floating point arithmetic, macro definition and conditional assembly, the program status word, interrupt and I/O structure.

Prereq: 765-171 or cons instr.

**765-302/502 COMPUTER LOGIC AND MICROPROCESSORS 3 cr**

Structure of microprocessors and microprocessor systems, programming in machine language, computer logic and logic circuits, interfacing.

Prereq: 765-171.

**765-307/507 MICRO COMPUTER APPLICATIONS 3 cr**

This course will treat a variety of applications of micro computers, as well as their architecture, design and social impact.

Prereq: 765-171 or cons instr.

**765-322 COMPUTER LANGUAGES AND COMPILERS 3 cr**

This course is an introduction to the theory of computer languages and the construction of assemblers and compilers. Students will write a small assembler and a small compiler and will compare features of many computer languages.

Prereq: 765-271 and either 765-372 or 950-231

**760-365/565 LINEAR PROGRAMMING 3 cr**

(See Mathematics)

**765-372/572 INTERMEDIATE PROGRAMMING 3 cr**

Sequel to 765-171. Advanced programming language features, techniques, and data structures, learned through the implementation of larger programs; an introduction to algorithm analysis, program verification, recursion and data abstraction.

Prereq: 765-171. Unreq: 950-231.

**765-381 JAVASCRIPT AND DHTML 3 cr**

JavaScript is a computer language for adding flexibility and functionality to web pages. A powerful language in its own right, it also has the capability to interact with HTML forms, browsers, Java applets, and other objects found on a web page.

Students in this course will gain a thorough understanding of JavaScript, and learn to harness its abilities to manage windows, forms, events, cookies, etc.

Prereq: 765-171 or equivalent preparation and consent of instructor

**765-382 PERL AND CGI SCRIPTING 3cr**

Perl and CGI scripting are key to processing web forms, as well as for automating a

wide range of server tasks. Perl is optimized for scanning text files, extracting information and generating reports/web pages based on the results. This course will provide a thorough introduction to the Perl language, with an emphasis on its use in processing web forms. Students will learn to manipulate data, generate dynamic web pages, control email and much more.

Prereq: 765-171 or equivalent preparation and consent to instructor.

### **765-412/612 COMPUTER ORGANIZATION AND SYSTEM PROGRAMMING 3 cr**

A study of general computer system organization and architecture. Comparison of CPU and memory structure, instruction formats, addressing, flow of control and operating systems on different types of computer. Assembly language is used extensively to write system programs.

Prereq: 765-271 or cons instr.

### **765-433 THEORY OF ALGORITHMS 3 cr**

This course is a survey of algorithms needed for searching, sorting, pattern matching, analyzing graphs, and a variety of other problems of discrete mathematics. Analysis of algorithm efficiency and space/time tradeoffs are discussed.

Prereq: 760-280 and either 765-372 or 950-231

### **765-434 THEORY OF COMPUTATION 3 cr**

This course is an introduction to the theory of computation. It discusses finite automata and Turing machines as models of computation. It includes discussions of regular sets, recursive and partially recursive functions, context free grammars, the halting problem, undecidable problems, complexity, and Np-completeness.

Prereq: 760-280

### **760-441/641 PROBABILITY THEORY 4 cr**

(See Mathematics)

### **760-442/642 MATHEMATICAL STATISTICS 4 cr**

(See Mathematics)

### **756-443 COMPUTER SIMULATION 3 cr**

This course will teach students how to simulate natural phenomena both through the writing of computer programs and by using existing computer packages. The course will contain techniques of writing simulation programs in a high level object oriented computer language to simulate real world phenomena from Physics, Chemistry, and Biology. It will survey existing software packages that lend themselves to simulation.

Prereq: 760-253 and either 765-372 or 950-231

**765-445 COMPUTER MODELING 3 cr**

This course will introduce students to analytical techniques used to develop models of systems and to techniques and tools of applied mathematics and computing used to solve such models. Though the topics are introductory the student will see fundamental problems and appreciate the creative and innovative methods used to solve these problems. Models discussed will be chosen from Physics, Biology, Ecology, Economics, Cognitive Studies, Manufacturing, and Engineering.

Prereq: 760-355 and either 765-372 or 950-231

**760-471/671 NUMERICAL ANALYSIS I 3 cr**

(See Mathematics)

**765-475 NETWORK ENGINEERING 3 cr**

Hands on experience with network design, implementation, management and maintenance. Serve as a first level, day to day support resource for the MCS computer lab.

Prereq: 950-325 or consent of instructor and an overall GPA of 2.50.

Unreq: 950-475

**765-481 WEB SERVER AND UNIX ADMINISTRATION 3 cr**

This course is intended to introduce students to Web Server software and UNIX and UNIX-like operating systems from the perspective of the System Administrator. Linux, the fastest growing operating system, will be studied in detail, together with the Apache web server. Web server configuration will be studied, including optimization, security issues and virtual server administration. Additional topics will include shell programming, system monitoring, file systems and the X Windows GUI. This course will focus on common system administration duties on the Linux platform. Students will acquire competency in using shell programming skills to automate the maintenance of server activity. Emphasis will be placed on using Linux as an Internet server.

Prereq: 765-381 and 765-382 or equivalent preparation and consent of instructor.

**765-482 WEB DATABASE DEVELOPMENT 3 cr**

This course will introduce students to MySQL databases and PHP3 scripting on the UNIX platform. Students will create and interact with databases via the web. Topics will include SQL; creating, accessing and updating server-side databases; a variety of database-to-web interface tools; and the PHP embedded scripting language.

Transactions with other database products via PHP will also be considered.

Prereq: 765-381 and 765-382 or equivalent preparation and consent of instructor.

**765-490/690 WORKSHOP 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**765-494 SEMINAR 2 cr**

Repeatable.

Prereq: Consent of instructor.

**765-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**765-498 INDEPENDENT STUDY IN COMPUTER SCIENCE 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**DEPARTMENT OF LANGUAGES AND LITERATURES**

*Phone:* 262-472-1036

*E-Mail:* english@uwwvax.uww.edu

ENGLISH

*Faculty:* George Adams, Marilyn Annucci, Peter Blakemore, Karen Buckley, John Carlberg, Dewitt Clinton, Jerre Collins, Norma Davidson-Zielski, Betty Diamond, Marilyn Durham, Mary Emery, Edward Erdmann, John Fallon (Chairperson), Jian Guo, Emily Hipchen, Joseph Hogan, Rebecca Hogan, Susan Huss-Lederman, William Keelty, Elizabeth Kim, Mark Lencho, Elena Levy-Navarro, Michael Longrie, Beth Lueck, Suchitra Mathur, Jim Miller, Geneva Moore, Andrea Musher, Mary Pinkerton, Dale Ritterbusch, George Savage, Lawrence Schuetz, Joan Schwarz, Lynn Shoemaker, Julie Smith, Jennifer Thomson, Edie Thornton, Alison Townsend, Dennis Trudell.

The term "English" encompasses several related areas including the study of the English language, the practical skills of using it, and the literature created from it. The department offers courses in basic and advanced language skills, including technical and creative writing; for students with special needs, reading and writing laboratories and developmental courses are available. Literature courses offer instruction in the understanding and analysis of "classic", popular, and contemporary works, including Continental and Asian, and their historical and cultural contexts. A student majoring

or minoring in English may opt for the traditional liberal arts program, an education program, or a writing emphasis. By developing the practical ability to think, read, and communicate effectively, a major in English provides excellent preparation for business, teaching, government and such professions as law and medicine. In addition, we offer a minor in English as a Second Language for those who plan to work with non-native speakers.

In preparation for graduate study in English, students should consult the requirements of the graduate school which they plan to attend. Those anticipating graduate study should plan to study a foreign language at the undergraduate level since that is often a graduate requirement.

For information on English placement testing, see index.

## **MAJORS/EMPHASES**

English 680-101, 102, 161, and 162 do not count toward an English major or minor.

Liberal arts students majoring in English are urged to fulfill the upperclass writing requirements as early as possible and to complete at least one year's work in a modern foreign language. Valuable adjuncts to the English major are courses in library science, journalism, speech, theatre, public relations, or business.

## **ENGLISH (BA/BS)**

MAJOR - 36 CREDITS

1. SELECT 15 CREDITS FROM COURSES ENGL 680-206 OR 680-216 AND 680-226 OR 680-236 AND 680-271, 680-251 OR 680-252 AND 680-281 OR 680-371 OR 680-378 OR 680-379
2. SELECT 9 CREDITS FROM COURSES

\* STUDENTS MUST SELECT 3 CREDITS FROM A, B AND C

- a. PRE-1800 ENGL 680-401, 680-402, 680-412, 680-414
- b. NINETEENTH CENTURY LITERATURE ENGL 680-416, 680-420, 680-341, 680-342
- c. TWENTIETH CENTURY LITERATURE ENGL 680-347, 680-348, 680-360, 680-363

3. SELECT 3 CREDITS FROM COURSES ENGL 680-345, 680-368, 680-369, 680-463, 680-464
4. SELECT 3 CREDITS FROM COURSES ENGL 680-321, 680-322, 680-323, 680-324
5. SELECT 3 CREDITS FROM COURSES ENGL 680-300, 680-404, 680-405, 680-460
6. SELECT 3 ELECTIVE CREDITS FROM ENGLISH

WRITING - 3 CREDITS

1. ENGL 680-271 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**ENGLISH WRITING EMPHASIS (BA/BS)**

MAJOR - 36 CREDITS

1. ENGL 680-271 AND 680-274
2. ENGL 680-281, 680-378 AND 680-488
3. SELECT 6 CREDITS FROM COURSES ENGL 680-372, 680-373, 680-375, 680-376, 680-377, 680-379, 680-383
4. SELECT 6 CREDITS FROM COURSES ENGL 680-477, 680-478, 680-479, 680-490, 680-493
5. SELECT 9 ELECTIVE CRED FROM ENGLISH LITERATURE (COURSE LEVEL 200, 300 OR 400)

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-271 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**ENGLISH (BSE)**

LICENSURE - 43 CREDITS

1. C&I 437-426, 437-466 AND ENGL 680-310 RLS
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412



- b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. CHCN 615-200 OR 615-201 OR ENGL 680-200 OR 680-201 OR 680-345 OR 680-368 OR 680-369 RLS
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492
8. SELECT 3 CREDITS FROM SPED 480-205

#### MAJOR - 36 CREDITS

1. ENGL 680-271, 680-281, 680-310, 680-404 OR 680-405, AND 680-471
2. ENGL 680-206 OR 680-401 OR 680-402 OR 680-412 OR 680-414
3. ENGL 680-216 OR 680-226 OR 680-315 OR 680-341 OR 680-342 OR 680-416 OR 680-420 OR 680-463
4. ENGL 680-236 OR 680-346 OR 680-347 OR 680-348 OR 680-353 OR 680-360 OR 680-363 OR 680-464
5. ENGL 680-265 OR 680-345 OR 680-368 OR 680-369
6. ENGL 680-381 OR 680-382 OR 680-383 OR 680-385
7. SELECT 6 ELECTIVE CRED FROM ENGLISH (COURSE LEVEL 200 OR ABOVE)

#### WRITING - 3 CREDITS

1. ENGL 680-271 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

#### **ENGLISH WRITING EDUCATION EMPHASIS (BSE)**

#### LICENSURE - 43 CREDITS

1. C&I 437-426, 437-466 AND ENGL 680-310 RLS
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. CHCN 615-200 OR 615-201 OR ENGL 680-200 OR 680-201 OR 680-345 OR 680-368 OR 680-369 RLS
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492
8. SELECT 3 CREDITS FROM SPED 480-205

## MAJOR - 36 CREDITS

1. ENGL 680-271, 680-281, 680-310, 680-404 OR 680-405, AND 680-471
2. ENGL 680-206 OR 680-251 OR 680-252 OR 680-401 OR 680-402 OR 680-412 OR 680-414
3. ENGL 680-216 OR 680-226 OR 680-315 OR 680-341 OR 680-342 OR 680-416 OR 680-420 OR 680-463
4. ENGL 680-236 OR 680-265 OR 680-345 OR 680-346 OR 680-347 OR 680-348 OR 680-353 OR 680-360 OR 680-363 OR 680-368 OR 680-369 OR 680-464
5. ENGL 680-381 OR 680-382 OR 680-383 OR 680-385
6. SELECT 9 CRED FROM COURSES ENGL 680-274, 680-370, 680-372, 680-378, 680-379, 680-477 OR 680-478

## MAJOR - WRITING - 3 CREDITS

1. ENGL 680-271 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **MINOR/EMPHASES**

### ENGLISH

#### MINOR - 24 CREDITS

1. ENGL 680-271, 680-281 OR 680-371 OR 680-378
2. ENGL 680-206 OR 680-401 OR 680-402 OR 680-412 OR 680-414
3. ENGL 680-216 OR 680-226 OR 680-315 OR 680-341 OR 680-342 OR 680-416 OR 680-420
4. ENGL 680-236 OR 680-346 OR 680-347 OR 680-348 OR 680-353 OR 680-360 OR 680-361
5. ENGL 680-345 OR 680-368 OR 680-369 OR 680-463 OR 680-464
6. ENGL 680-321 OR 680-322 OR 680-323 OR 680-324
7. SELECT 3 CRED FROM LITERATURE COURSE 200 OR ABOVE ENGLISH EDUCATION EMPHASIS\*

#### MINOR - 24 CREDITS

1. ENGL 680-271, 680-281, 680-404 OR 680-405 AND 680-471
2. ENGL 680-206 OR 680-401 OR 680-402 OR 680-412 OR 680-414

3. ENGL 680-216 OR 680-226 OR 680-315 OR 680-341 OR 680-342 OR 680-416 OR 680-420 OR 680-463
4. ENGL 680-236 OR 680-265 OR 680-345 OR 680-346 OR 680-347 OR 680-348 OR 680-353 OR 680-360 OR 680-361 OR 680-368 OR 680-369 OR 680-464
5. ENGL 680-310 OR 680-381 OR 680-382 OR 680-383 OR 680-385

#### ENGLISH WRITING EMPHASIS

#### MINOR - 24 CREDITS

1. SELECT 6 CREDITS FROM COURSES ENGL 680-271, 680-274, 680-281 AND 680-378
2. SELECT 6 CREDITS FROM COURSES ENGL 680-372, 680-373, 680-375, 680-376, 680-383 (ENGL 680-XXX DRAMA WRITING AND 680-XXX RHETORIC FOR WRITERS MAY BE FUTURE COURSE OFFERINGS)
3. SELECT 3 CREDITS FROM COURSES ENGL 680-477, 680-478 AND 680-490
4. SELECT 3 ELECTIVE CREDITS FROM ENGLISH LANGUAGE OR WRITING (COURSE LEVEL 200, 300 OR 400)
5. SELECT 6 ELECTIVE CREDITS FROM ENGLISH LITERATURE (COURSE LEVEL 200, 300 OR 400) ENGLISH WRITING EDUCATION EMPHASIS\*

#### MINOR - 24 CREDITS

1. ENGL 680-271, 680-281 AND 680-471
2. SELECT 6 CRED FROM COURSES: ENGL 680-274 OR 680-370 OR 680-372 OR 680-378 OR 680-379, OR 680-477 OR 680-478
3. SELECT 3 CRED FROM COURSES: ENGL 680-206 OR 680-401 OR 680-402 OR 680-412 OR 680-414
4. ENGL 680-216 OR 680-226 OR 680-315 OR 680-341 OR 680-342 OR 680-416 OR 680-420 OR 680-463
5. ENGL 680-236 OR 680-265 OR 680-345 OR 680-346 OR 680-347 OR 680-348 OR 680-353 OR 680-360 OR 680-363 OR 680-368 OR 680-369 OR 680-464

\* NOTE: If licensure for Grades 1-9 is desired, C & I 437-426 Methods of Teaching English and Language Arts and course 439-210 Observation and Participation-Secondary must be taken.

#### TEACHING ENGLISH AS A SECOND LANGUAGE K-12

#### MINOR 24 CREDITS (LICENSURE)

1. ENGL 680-281, 680-383/583 AND 680-481/681
2. ESL 688-320/520 AND 688-401/601
3. C&I 430-435/635 OR 437-435/635
4. C&I 437-427
5. C&I 439-492

#### UNIQUE REQUIREMENT

1. FOREIGN LANGUAGE AT 251 LEVEL OR EQUIVALENT

#### TEACHING ENGLISH AS A SECOND LANGUAGE FOR ADULTS

##### MINOR - 24 CREDITS (NON-LICENSURE)

1. ENGL 680-281, 680-383/583 AND 680-481-681
2. ESL 688-320/520 AND 688-401/601
3. ENGL 688-493/693

#### UNIQUE REQUIREMENT

1. FOREIGN LANGUAGE AT 251 LEVEL OR EQUIVALENT

The certification program in Teaching English as a second language combines the study of theoretical and applied linguistics with instruction in theoretical and practical issues related to the study of English by non-native speakers throughout the lifespan. The minor is offered within the Department of Languages and Literatures, College of Letters and Sciences, in concert the the Department of Curriculum and Instruction, College of Education. The licensure program has been designed to meet the standards recommended by TESOL, Inc, the premier international organization for ESL professionals. In its Core Standards for Language and Professional Programs, TESOL states that "teaching English to speakers of other languages is an academic field requiring...special professional education and preparation for its practitioners." Furthermore, "each program should have courses which present basic theory and practice covering the second language and teaching paradigm..." Basic entry requirements are: (1) the possession of a teaching license or concurrent enrollment in a program leading to a license; (2) competency in a language other than english as determined by examination or successful completion of the 251 level (may be worked

on concurrently with the minor); (3) a GPA of 2.15 or higher. The TESL minor consists of a core of 24 semester credits.

## **680 COURSE DESCRIPTIONS**

### **680-090 FUNDAMENTALS OF ENGLISH 3 cr**

A course for students whose reading and writing skills need improvement through study of basic grammar and rhetoric before they attempt other English courses. This course does not count toward the 120 credits required for graduation, nor does it fulfill General Studies requirements, nor may it be counted toward the English major or minor. It may not be taken by students who are simultaneously taking or have satisfactorily completed another English course on this campus.

### **680-091 BASIC WRITING SKILLS 2 cr**

Offered on a satisfactory/no credit basis only. A workshop offering individualized instruction to students in need of improvement in basic writing skills. This does not count toward the 120 hours required for graduation. Repeatable.

## **LANGUAGES AND LITERATURES - ENGLISH**

### **680-101 FRESHMAN ENGLISH (Proficiency) 3 cr**

An introduction to the reading and writing of college-level prose. Study of short stories, novels and essays. Composition of short papers and essay examinations. Students may not take for credit any course for which they have received a waiver, nor may they take for credit any course in the same department that is a prerequisite for a course that has been waived (e.g., if a student has been waived from English 102, he may not take English 101 for credit).

Prereq: Satisfactory completion of English 090 or equivalent demonstration of ability by the English ACT score.

### **680-102 FRESHMAN ENGLISH (Proficiency) 3 cr**

A continuation of English 680-101. Study of plays, poems and essays. Composition of substantial papers and a library research paper.

Prereq: Satisfactory completion of 680-101 or 680-161 or equivalent demonstration of ability by the English ACT score.

### **680-161 ENGLISH FOR INTERNATIONAL STUDENTS (Proficiency) 3 cr**

Principles of written composition adapted to individual foreign students. Includes intensive drill in grammar and mechanics. Also involves individual practice in spoken

English. Required of all students whose first language is not English. This course is comparable to and satisfies the English 101 University Proficiency Requirement.

**680-162 ENGLISH FOR INTERNATIONAL STUDENTS (Proficiency) 3 cr**

Continuation of 680-161. Vocabulary and idiom development through selective readings, and introduction to research methods. This course is comparable to and satisfies the English 102 University Proficiency Requirement.

**680-200 CHICANO LITERATURE: HISTORICAL CONTEXT AND CONTEMPORARY TEXT\* GH/Diversity 3 cr**

Identifies and interprets Chicano literature in a social and historical context with emphasis on contemporary texts. All Spanish language texts are provided in translation. (Also offered as 615-200 by Chicano Studies.)

Unreq: 854-200.

**680-201 CONTEMPORARY CHICANO LITERATURE\* GH/Diversity 3 cr**

Analyzes contemporary Chicano drama, fiction and poetry within their cultural and historical context, examined from a traditional formalist approach and as a human expression. (Also offered as 854-201 by Chicano Studies.)

Unreq: 854-201.

**680-206 BRITISH LITERATURE SURVEY I\* GH 3 cr**

A survey of British literature from the Old English period through the eighteenth century.

**680-216 BRITISH LITERATURE SURVEY II\* GH 3 cr**

A survey of British literature from the Romantic period to the present.

**680-226 AMERICAN LITERATURE SURVEY I\* GH 3 cr**

A survey of American literature from the seventeenth century through the Civil War to acquaint the student with the foremost writers of our literary culture.

**680-236 AMERICAN LITERATURE II\* GH 3 cr**

A survey of American Literature from the Civil War to the present to acquaint the student with the foremost writers of our literary culture.

**680-251 CLASSICAL MYTH AND LEGEND AS SOURCES FOR LITERATURE\*GH 3 cr**

An examination of classical myths and legends and how they are used in various periods and genres of English literature.

**680-252 THE BIBLE AS LITERATURE\* GH 3 cr**

This course will survey the Bible and some other related Near Eastern literature, focusing on the development of genres, motifs, and other literary forms that have influenced the form and content of Western literature, including the parable, the proverb, the loss of Eden, exile and return, origin stories, and hero stories.

Unreq: 786-252.

**680-263 THE CONTEMPORARY NOVEL\* GH 3 cr**

A study of significant British and American novels and novelists of the last decade.

**680-264 WOMEN IN LITERATURE: A FEMINIST RE-EVALUATION\* \*\*  
GH 3 cr**

A study of women's experience as portrayed by women writers in various genres of Western literature. Includes such themes as growing up, love, marriage, motherhood, friendship, and spiritual development.

**680-265 MULTICULTURAL LITERATURE OF THE UNITED STATES  
\*GH/Diversity 3 cr**

Multicultural Literature of the U.S. offers a wide range of literary texts (dramas, essays, novels, poetry and short stories) by people of color to offer students the opportunity to study and appreciate the experiences and challenges of diverse groups of people in American society: African-American, Asian American, Native American, and Latino/a. This body of literary works will be studied through the historical/political prism of each group so that students will be acquainted with the background of the literature.

**680-271 CRITICAL WRITING IN THE FIELD OF ENGLISH\* 3 cr**

This course will help students become proficient in the skills of research, organization, writing, and revising that they will need in upper-division English courses. Students will learn both the general conventions of academic writing about literature (literary criticism) and the specific methods of some of the most important kinds of literary criticism.

**680-274 CREATIVE WRITING\* GH 3 cr**

Study, discussion and writing of description, narration, verse and the short story.

**680-281 INTRODUCTION TO LANGUAGE STUDY\* GH 3 cr**

An introduction to the basic tools and concepts for the study of language through study of the sounds, grammar, vocabulary, history, and cultural context of English.

**680-300 SPECIAL TOPICS\* 3 cr**

Analysis and discussion of a cultural, social, moral, philosophical or other significant

topic, as expressed in a variety of literary forms, in relation to the individual and society; the particular topic to be published before registration.

Repeatable only with change of topic.

**680-310/510 LITERATURE FOR ADOLESCENTS\* 3 cr**

This course will explore the history and development of adolescent literature, with special emphasis on the period since 1960. Recent novels which have proven popular and influential with young people and teachers will be analyzed using literary and educational criteria. Participants will consider works within the context of intellectual freedom and potential censorship.

**680-315/515 THE DEVELOPMENT OF THE ENGLISH NOVEL TO THE TWENTIETH CENTURY 3 cr**

A survey of the development of the English novel from the eighteenth century to the twentieth, with emphasis on the development of themes and techniques. Studies of selected works by Defoe, Richardson, Fielding, Sterne, Austen, Scott, Dickens, Thackeray, Eliot, Hardy, Conrad, and/or others.

Prereq: 680-216 or 680-226 or consent of instructor.

**680-321 ANCIENT WESTERN LITERATURE\* GH 3 cr**

A rapid survey of world literatures other than English and American covering major literary periods from ancient times through the Renaissance.

**680-322 MODERN WESTERN LITERATURE\* GH 3 cr**

A rapid survey of literatures other than English and American covering the major literary periods from Neoclassicism (seventeenth century) to present.

**680-323 ASIAN LITERATURES\* GH 3 cr**

The course will cover a selection of classical and modern works from various genres and periods in the three national literatures. Each of these works will be discussed both in its literary tradition and in its cultural and historical contexts. The intent will also be to broaden students' global perspective by showing connections between their lives and the literatures of other cultures. The course will stress a comparative approach among the three literatures and between each one and Western literatures and cultures.

**680-324 POSTCOLONIAL LITERATURES\* 3 cr**

This course introduces students to new literatures in English and to new ways of reading canonical British/American literature. The focus is on developing an understanding of colonial discourse through a study of its literary manifestations, its impact on colonized cultures, and the resistance strategies of colonized peoples to



subvert colonial power.

Prereq: sophomore standing

**680-341 THE AMERICAN RENAISSANCE 3 cr**

An exploration of major works by writers of mid-nineteenth-century America, such as Emerson, Thoreau, Whitman, Melville, and Dickinson, with consideration of their historical context.

Prereq: 680-216 or 680-226 or consent of instructor.

**680-342/542 AMERICAN REALISM AND NATURALISM 3 cr** An exploration of developments in American literature in the period following the Civil War to 1910. In addition to naturalism and realism, the course will include more recent additions to the canon: women's fiction and African-American writing of the period.

Prereq: 680-101, 680-102, 680-226 or permission of instructor

**680-345/545 AFRICAN-AMERICAN LITERATURE, 1800 TO THE PRESENT\* \*\* Diversity 3 cr**

A survey of essays, prose fiction, drama, and poetry written by African-Americans from the Colonial period to the present.

Unreq: 614-345/545.

**680-346/546 - 133-346/546 SURVEY OF MODERN DRAMA\* 3 cr** Analysis of trends and developments in the modern theatre from Ibsen's realistic plays to off-off-Broadway drama with emphasis on literary history and staging problems. May be taught with Theatre faculty.

Unreq: 133-346/546

**680-347/547 BRITISH MODERNISM 3 cr**

A survey of the major developments in British Literature from 1900 to World War II, with an emphasis on the rise of modernism.

Prereq: 680-216 or 680-236

**680-348/548 AMERICAN MODERNISM 3 cr** A survey of the major developments in American Literature from 1900 to World War II, with an emphasis on the rise of Modernism.

Prereq: 680-226 or 680-236

**680-353/553 MODERN POETRY 3 cr**

An intensive study of major twentieth century American and British poets.

Prereq: 680-216 or 680-226 or consent of instructor.

**680-360 POSTWAR BRITISH LITERATURE (1945-PRESENT) 3 cr** This course is designed to deepen students' engagement with the rich tradition of British fiction, drama, and poetry of the last fifty years. Focusing on such writers as Orwell, Beckett, Drabble, Churchill, and Gordimer, it invites students to debate the role literature plays within a rapidly changing British society. We will also consider the significance of such postwar developments as: the demise of imperialism, the rise of postmodernism, and diversification of British society.

Prereq: 680-101, 680-102, or consent of instructor

**680-363 AMERICAN LITERATURE IN THE POSTMODERN AGE (1945-PRESENT) 3 cr**

This course is designed to acquaint students with the rich tradition of American fiction and poetry of the last fifty years. Focusing on such figures as Ellison, Plath, Morrison, Pynchon, Baraka, and Delillo, this course invites students to debate the role that literature plays in a postwar American society. In doing so, we will focus on how writers address such postwar developments as: dawn of the nuclear age, Vietnam, the rise of mass culture, and rapid technologizing of American society.

Prereq: 680-101, 680-102, or consent of the instructor

**680-368/568 AMERICAN MINORITY WOMEN WRITERS\* Diversity 3 cr**

A survey of poetry, fiction, drama, and essays written by African-American, Hispanic-American, Native American and Asian-American women.

Prereq: cons instr. Unreq: 610-368/568.

**680-369 MULTICULTURAL DRAMA OF THE UNITED STATES Diversity 3 cr**

The course examines the theatrical forms and the dramatic literature of African-Americans, Asian-Americans, Latinos/as, and Native Americans, and places them in the context of American theatre and U.S. social/political history.

Prereq: 680-102 and a 200-level English course or 133-346 or 133-471 or 133-472 or 133-478.

Unreq: 133-369.

**680-370 ADVANCED COMPOSITION\* 3 cr**

A course in advanced exposition and argumentation. Conventional grade basis only if course is required in the College of Business for major.

**680-372/572 TECHNICAL AND SCIENTIFIC WRITING\* 3 cr**

Practice in expository, descriptive, and report writing, with special application to technical and scientific subject matter.

**680-373/573 POETRY WRITING\* 3 cr**

An intensive course in the writing of poetry requiring a minimum of 250 lines of good verse (after revision). The course will consider examples from some of the best contemporary verse, as well as criticism by students and the instructor of student work.

Prereq: Cons instr.

**680-375/575 FICTION WRITING\* 3 cr**

Theory, techniques, and practice of the writing of fiction. Requires a minimum of 50 pages of student writing, after careful revisions.

Prereq: consent of the instructor only.

**680-376/576 SCREENWRITING\* 3 cr**

Practical experience in writing scripts for cinema and/or television, with special emphasis on the creative, theoretical, and critical processes.

**680-377 INTRODUCTION TO PLAYWRITING 3 cr**

Students will be introduced to the elements of a play, learn to analyze and evaluate dramatic structure, and write short plays. They will also experience the collaborative nature of the play development process by having their work read by actors and critiqued by an audience of classmates.

Prereq: 680-101, 680-102, 680-274 or 133-110 and junior standing

**680-378/578 PROSE STYLISTICS 3 cr**

Introduction to analysis of prose style through intensive study of a broad range of contemporary styles ranging from popular to business, technical and academic styles. Application of the principles of style in student writing.

Prereq: Completion of upperclass writing requirement in your major.

**680-379 RHETORIC FOR WRITERS 3 cr**

Rhetoric for Writers provides a historical and philosophical introduction to rhetoric and demonstrates how rhetorical concepts can be applied to contemporary and practical writing situations. The focus is on helping students enhance their academic and real-world writing skills by heightening their awareness of how language shapes reality. This course emphasizes editing and writing.

Prereq: 680-101, 680-102 (or 680-161, 680-162) and 680-271

**680-382/582 HISTORY OF THE LANGUAGE\* 3 cr**

A detailed study of change and the conditions for change in the sounds, vocabulary, and grammar of English from its first records through the present.

Prereq: 680-281 or cons. instr.

**680-383/583 MODERN GRAMMATICAL THEORY\* 3 cr**

A study of traditional, structural and transformational-generative grammars.

Prereq: 680-281 or cons. instr.

**680-385/585 TOPICS IN LINGUISTICS (VARIABLE TOPIC)\* 3 cr**

Advanced study of a branch of linguistics or of the application of a branch of linguistics to a cognate field, e.g., pedagogy or literary criticism, the particular topic to be published before registration.

Repeatable only with change of topic.

Prereq: 680-281, or cons instr; either 680-381, 680-382, or 680-383 is strongly recommended as preparation for this course.

**680-401/601 MEDIEVAL BRITISH LITERATURE 3 cr**

This course will introduce students to the literary and socio-cultural milieu of Anglo-Saxon and medieval Britain. Through analysis of major figures of the period, including the Beowulf poet and Chaucer, the students will better appreciate the period in which the English language and British literature was formed.

Prereq: 680-206 or 680-251 or 680-252 or consent of instructor and junior standing.

**680-402/602 SIXTEENTH CENTURY BRITISH LITERATURE 3 cr**

Sixteenth Century British Literature introduces the students to literature of all genres written in Britain during the period. The course will acquaint students with the historic, philosophical, political and aesthetic principles in this period to enlighten and interest students and to develop their critical thinking skills.

Prereq: 680-206 and junior standing or consent of instructor.

**680-404/604 SHAKESPEARE 3 cr**

A study of the works of Shakespeare which will include representative genres and which will not duplicate works studied in 680-405.

Prereq: 680-206 and junior standing or consent of instructor.

**680-405/605 SHAKESPEARE 3 cr**

A study of the works of Shakespeare which will include representative genres and which will not duplicate works studied in 680-404.

Prereq: 680-206 and junior standing or consent of instructor.

**680-412/612 SEVENTEENTH CENTURY BRITISH LITERATURE 3 cr**

This course will introduce students to the literacy and socio-cultural milieu of seventeenth-century Britain. Through analysis of authors such as John Milton and Aemelia Lanyer, the student will come to better appreciate a vital period in the formation of our modern selves.

Prereq: 680-206 or 680-251 or 680-252 or consent of instructor.

**680-414/614 18TH CENTURY BRITISH LITERATURE 3 cr**

Eighteenth Century British Literature introduces students to literature of all genres written in Britain during the Restoration and eighteenth century. The course should acquaint students with, among others, the historic, philosophic, political and aesthetic principles in this literature to enlighten and interest students, and to develop their critical thinking skills.

Prereq: 680-101, 680-102 (or 680-161, 680-162) and 680-206 or 680-251 or 680-252 and junior standing or consent of instructor.

**680-416/616 THE AGE OF ROMANTICISM 3 cr**

A study of the prose and poetry of the major writers of the Romantic period in English literature.

Prereq: Junior standing and 680-216 or 680-226 or consent of instructor.

**680-420/620 VICTORIAN AND EDWARDIAN LITERATURE 3 cr**

A survey of Anglo-Irish literature in the Victorian and Edwardian periods (c. 1830-1914), emphasizing the movement of ideas in the period from romanticism to modernism.

Prereq: Junior standing and 680-216 or 680-226 or consent of instructor.

**680-460/660 MAJOR AUTHORS 3 cr**

Intensive study of the works of a major writer or related writers and their contributions to literature and culture, the particular topic to be published before registration. Repeatable only with a change of topic.

Prereq: 680-216 or 680-226 or consent of instructor

**680-463/663 19TH CENTURY WOMEN WRITERS 3 cr**

A survey of the works of American and English women writers of the 19th century.

Prereq: 680-216 or 680-226 or 890-100 or consent of instructor.

**680-464/664 TWENTIETH CENTURY WOMEN WRITERS 3 cr**

A study of significant American and British women writers of the twentieth century.

Prereq: 680-216 or 680-226 or 890-100 or consent of instructor.

**680-471/671 CURRENT THEORIES OF COMPOSITION FOR TEACHERS 3 cr**

A course in theories and methods of teaching composition, including practice in the evaluating of student writing. Recommended for jrs. and srs. only.

Prereq: Junior standing and completion of upperclass writing requirement in your major.

**680-477/677 THE CURRENT WRITING SCENE\* 3 cr**

An intensive study of the range of current writing, with practice in written composition which may qualify students for professional employment.

Prereq: 680-378.

**680-478/678 APPLIED PROSE WRITING FOR DESKTOP PUBLISHING\* 3 cr**

A practical course in preparing writing for printing and publication. Students will learn how to edit and proofread prose to make it readable and stylistically appropriate for its readership and purpose. Using desktop publishing technology, students will produce camera-ready publications combining text and illustrations.

Prereq: 680-378.

**680-479 CREATIVE NONFICTION 3 cr**

This workshop introduces students to the history, theory, tradition and practice of creative nonfiction in its many forms, including the edited journal, personal essay and memoir, nature essay, literary journalism, and academic/cultural criticism. Through a mix of seminar-style discussions, graduated writing assignments, and intensive workshop response and revision, students work to develop a substantive portfolio (40-50 pages) of their own work by the end of the semester.

Prereq: 680-101, 680-102, 680-274 or consent of the instructor

**680-481/681 LANGUAGE AND LITERACY 3 cr**

In Language and Literacy, students examine the interconnectedness of language and social context, including the relationship between literacy and speech, for teaching English as a second language. Of specific interest to ESL practitioners, this course may be of interest to those teaching English at the secondary level, also.

Prereq: 680-101, 680-102 (or 680-161, 680-162), 680-281 or consent of instructor.

**680-488/688 ADVANCED WRITERS' STUDIO\* 3 cr**

A closely guided program of instruction in writing, determined in consultation with the instructor, ranging from creative writing to scholarly analysis. >br> Repeatable two times for a maximum of 6 credits in major.

Prereq: Jr or sr st; 680-378, and three other English courses numbered 300 or above.

**680-490/690 WRITING WORKSHOP\* 1-3 cr**

Repeatable

Variable topics published prior to registration.

**680-493 APPLIED STUDY: INTERNSHIP IN WRITING\* 1-6 cr**

Offered on a satisfactory/no credit basis only. Internships, as available, in business or government for suitably prepared students wishing to make careers as writers.

Repeatable for a maximum of six credits in degree.  
Prereq: Consent of department chairperson.

**680-496/696 SPECIAL STUDIES\* 2-4 cr**

Repeatable only with change of topic.

**680-497 EXCHANGE STUDIES 1-12 cr**

Repeatable.

**680-498 INDEPENDENT STUDIES\* 1-3 cr**

Repeatable. Prereq: Cons instr and dept. approval of the student's Independent Study Proposal form prior to registering for the course.

**FOREIGN LANGUAGE**

**JAPANESE**

**681-101 BEGINNING JAPANESE I GH 4 cr**

Japanese 101 is the first semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.

**681-102 BEGINNING JAPANESE II GH 4 cr**

Japanese 102 is the second semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.

Prereq: 681-101 or its equivalent

**681-103 BEGINNING JAPANESE III 4 cr**

This is a third semester of sequence of Japanese language instruction. Entering students are expected to have mastered basics of the writing system (hirigana and katakana and approximately 300 Kanaji characters), know elementary grammar and have a basic vocabulary with listening, reading, writing and speaking skills. This course develops the four skill areas (listening, speaking, reading and writing) in order to cultivate an overall Japanese language ability. Using the course materials, which include the most frequently used daily vocabulary, students will apply what they have to their daily activity. The course prepares students for Intermediate-Level Japanese.

Prereq: 681-102

**681-141 BEGINNING CHINESE GH 4 cr**

This course begins comprehensive training in elementary “common speech” (Mandarin) Chinese. It adopts pinyin (Chinese Phonetic Alphabet) as standard

phonetic system and covers one hundred and fifty characters, commonly used sentence patterns, and the basic grammar in both spoken and written Chinese. This course also introduces students to the social and cultural context in which the language is shaped and used.

**681-142 BEGINNING CHINESE GH 4 cr**

This course continues comprehensive training in elementary “common speech” (Mandarin) Chinese. It adopts pinyin (Chinese Phonetic Alphabet) as standard phonetic system and covers five hundred characters, commonly used sentence patterns, and the basic grammar in both spoken and written Chinese. This course also introduces students to the social and cultural context in which the language is shaped and used.

Prereq: 681-141 or equivalent.

**681-201 INTERMEDIATE JAPANESE I 4 cr**

This is a fourth semester of sequence of Japanese language instruction. Entering students are expected to have mastered the writing system (with approximately 600 Kanji characters of the 2000 needed to be able to read newspapers and be considered fully literate). This course develops the four skill areas (listening, speaking, reading and writing) to cultivate an overall Japanese language ability. Students will continue to build vocabulary, master more serious grammar, and work on writing/reading skills. The course prepares students for continued study of Japanese (either third year at another American university or in a Study Abroad program).

Prereq: 681-103

**681-496 SPECIAL STUDIES 1-4 cr**

Repeatable. Prereq: Consent of instructor.

**FRENCH**

**682-141 BEGINNING FRENCH GH 4 cr**

An elementary course with oral emphasis. Grammar, reading, writing, conversation.

**682-142 BEGINNING FRENCH GH 4 cr**

Continuation of 682-141.

Prereq: 682-141 or equivalent.

**682-251 INTERMEDIATE FRENCH GH 4 cr**

Grammar review, reading, oral and written exercises, conversation.

Prereq: 682-142 or equivalent.



**682-252 INTERMEDIATE FRENCH GH 4 cr**

Continuation of 682-251.

Prereq: 682-251 or equivalent.

**682-310 FRENCH PHONETICS 3 cr**

A study of the elements of speech sounds and intonation patterns in French with application to understanding and speaking. Use of phonetic transcription. Emphasis on perfecting the student's ability to render French orally.

Prereq: 682-252 or equivalent or consent of instructor.

**682-321 ADVANCED FRENCH LANGUAGE GH 3 cr  
STUDY**

A thorough study of the structure of the language. Practical application through conversation and composition.

Prereq: 682-252 or equivalent.

**682-322 ADVANCED FRENCH LANGUAGE GH 3 cr  
STUDY**

Continuation of 682-321.

Prereq: 682-321 or consent of instructor.

**682-331 READINGS IN MODERN FRENCH 3 cr**

Language study through reading and discussion in French of selected texts in modern French. Emphasis on vocabulary acquisition and grammatical usage.

Prereq: 682-252 or equivalent.

**682-332 READINGS IN MODERN FRENCH 3 cr**

Similar to 682-331; with different texts.

Prereq: 682-252 or equivalent or consent of instructor.

**682-340 CONTEMPORARY FRENCH CIVILIZATION 2-3 cr**

A study of the French way of life today as reflected in its cultural, religious, educational, political and social institutions.

Prereq: One 300 level course or cons instr.

**682-350 FRENCH CIVILIZATION 3 cr**

Study of the political, social, intellectual, artistic and literary development of France, from the Middle Ages to the present.

Prereq: 6 cr of 300 level course in French or cons instr.

**682-370 INTRODUCTION TO BUSINESS FRENCH 3 cr**

A course for those students who plan to use their proficiency of French in a business

career. This course provides an introduction to concepts and terminology associated with doing business in French-speaking countries, affords practice in employing those concepts and terminology in the oral, reading and writing skills, and offers a brief overview of the culture and structure of the French business world.

Prereq: 9 credits of 300 or 400 level French courses, or cons instr.

### **682-390 FRENCH CONVERSATION 1 cr**

A course designed to maintain and increase oral fluency in French. Emphasis on spontaneous use of the language.

Repeatable five times for maximum of 6 credits in major/degree.

Prereq: Completion of six hours of 300 level courses or cons instr.

### **682-451 SURVEY OF FRENCH LITERATURE 3 cr**

General history of French literature from its beginning to the end of the eighteenth century. Reading of representative works of prose and poetry.

Prereq: 9 cr of 300 level courses in French.

### **682-452 SURVEY OF FRENCH LITERATURE 3 cr**

General history of French literature from the end of the eighteenth century to the present day. Reading of representative works of prose and poetry.

Prereq: 9 cr of 300 level courses in French.

### **682-481 FRENCH CLASSICS 3 cr**

Study of the concept of classicism through the life, works and ideas of the major 17th century authors. Emphasis on the theatre, i.e., the plays by Corneille, Moliere and Racine.

Prereq: 9 cr of 300 level courses in French.

### **682-482 CONTEMPORARY FRENCH LITERATURE 3 cr**

Study of selected texts of the major writers of the twentieth century.

Prereq: 9 cr of 300 level courses in French.

### **682-490/690 WORKSHOP 1-3 cr**

Repeatable. Prereq: Consent of instructor.

### **682-491/691 TRAVEL STUDY Repeatable 3 cr**

### **682-493 INTERNSHIP IN FRENCH 1-3 cr**

Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages.

Repeatable. Satisfactory/No Credit Grade Basis Only.

Prereq: Six credits of French at the 300 or 400-level, or consent of instructor.

**682-494/694 SEMINAR 1-3 cr**

Repeatable. Prereq: 9 credits of 300 level courses or cons instr.

**682-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable. Prereq: 6 cr of 300 level courses in French or cons instr.

**682-497 EXCHANGE STUDY 1-12 cr**

Repeatable.

**682-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree. Prereq: Major or minor in French and consent of department chairperson.

**GERMAN**

**684-141 BEGINNING GERMAN GH 4 cr**

Introduction to the fundamental structure of German, equally emphasizing the skills of listening, speaking, reading, and writing.

**684-142 BEGINNING GERMAN GH 4 cr**

Continuation of 684-141.

Prereq: 684-141 or equiv.

**684-251 INTERMEDIATE GERMAN GH 4 cr**

Systematic deepening and improving of the four language skills with emphasis on the grammatical structure. Selected reading.

Prereq: 684-142 or equiv.

**684-252 INTERMEDIATE GERMAN GH 4 cr**

Continuation of 684-251 including outside reading in the area of the student's interest.

Prereq: 684-251 or equiv.

**684-310 GERMAN PHONETICS 3 cr**

Brief history of the German language, study of German speech sounds, oral practice including lab work. Very important for future German teachers.

Prereq: 684-252 or equivalent or consent of instructor.

**684-321 ADVANCED GERMAN LANGUAGE GH 3 cr  
STUDY**

A thorough study of the structure of German with practice in oral and written

application.

Prereq: 684-252 or equiv.

**684-322 ADVANCED GERMAN LANGUAGE GH 3 cr  
STUDY**

Same as 684-321 but using different materials.

Prereq: 684-321 or cons instr.

**684-331 READINGS IN MODERN GERMAN 3 cr  
LITERATURE**

Reading and discussion of plays and short stories for comprehension and vocabulary building.

Prereq: 684-252 or equiv.

**684-332 READINGS IN MODERN GERMAN 3 cr  
LITERATURE**

Reading and discussion of selected plays, short stories and poems for comprehension and vocabulary building.

Prereq: 684-331 or equiv. or 684-252 and cons instr.

**684-350 GERMAN CIVILIZATION 3 cr**

The political and cultural development of the German-speaking people with emphasis on present-day Germany, Austria and Switzerland.

Prereq: 6 cr of 300 level courses in German or cons instr.

**684-390 GERMAN CONVERSATION 1 cr**

A course designed to maintain and increase oral fluency in German. Emphasis on spontaneous use of the language.

Repeatable five times for a maximum of 6 credits in major/degree.

Prereq: Completion of six hours of 300 level courses in German or cons instr.

**684-451 SURVEY OF GERMAN LITERATURE 3 cr**

General history of German literature from its beginnings to the end of the eighteenth century. Readings from representative works.

Prereq: 9 cr of 300 level courses in German or cons instr.

**684-452 SURVEY OF GERMAN LITERATURE 3 cr**

General history of German literature from the end of the eighteenth century to the present. Readings from representative works.

Prereq: 9 cr of 300 level courses in German or cons instr.

**684-490/690 WORKSHOP 1-3 cr**

Repeatable. Prereq: 9 credits of 300 level courses or cons instr.

**684-491/691 TRAVEL STUDY Repeatable 1-3 cr**

**684-493 INTERNSHIP IN GERMAN 1-3 cr**

Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages.

Repeatable. Satisfactory/No Credit Grade Basis Only.

Prereq: Six credits of German at the 300 or 400-level, or consent of instructor.

**684-494/694 SEMINAR 1-3 cr**

Repeatable one time. Prereq: Cons. instr.

**684-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable. Prereq: 6 cr of 300 level courses in German or cons instr.

**684-497 EXCHANGE STUDY 1-12 cr**

Repeatable.

**684-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree. Prereq: Majors and minors and cons. dept.

**SPANISH**

**686-141 BEGINNING SPANISH GH 4 cr**

An elementary course with oral emphasis. Grammar, reading, writing, conversation.

**686-142 BEGINNING SPANISH GH 4 cr**

Continuation of 686-141.

Prereq: 686-141 or equiv.

**686-251 INTERMEDIATE SPANISH GH 4 cr**

Grammar review, reading, oral and written exercises. Conversation.

Prereq: 686-142 or equiv.

**686-252 INTERMEDIATE SPANISH GH 4 cr**

Continuation of 686-251.

Prereq: 686-251 or equiv.

**686-310 SPANISH PHONETICS 3 cr**

A study of the elements of speech sounds, the application of sounds to understanding and speaking, with emphasis on oral practice.

Prereq: 686-252 or equivalent or consent of instructor.

**686-321 ADVANCED SPANISH LANGUAGE GH 3 cr  
STUDY**

A thorough study of the structure of the language. Practical application through conversation and composition.

Prereq: 686-252 or equiv.

**686-322 ADVANCED SPANISH LANGUAGE GH 3 cr  
STUDY**

Continuation of 686-321.

Prereq: 686-321 or cons instr.

**686-331 PENINSULAR-SPANISH READINGS I 3 cr**

Language study through reading and discussion in Spanish of selected works of the nineteenth century. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

**686-332 PENINSULAR-SPANISH READINGS II 3 cr**

Language study through reading and discussion in Spanish of selected works of the twentieth century. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

**686-333 SPANISH-AMERICAN READINGS I 3 cr**

Language study through reading and discussion in Spanish of selected works of the late nineteenth and early twentieth centuries in Spanish America. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

**686-334 SPANISH-AMERICAN READINGS II 3 cr**

Language study through reading and discussion in Spanish of selected works of the recent and contemporary twentieth century in Spanish America. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

**686-350 SPANISH CIVILIZATION 3 cr**

Study of the political, social, intellectual, artistic and literary development of Spain and Hispanic areas from remote times to the present day.

Prereq: 6 cr of 300 level courses in Spanish or cons instr.

**686-360 SPANISH AMERICAN CIVILIZATION 3 cr**

An introduction to the geography, history, literature, sociology, economics and political life of Spanish America.

Prereq: 6 cr. of 300 level courses in Spanish or cons instr.

**686-370 SPANISH FOR BUSINESS 3 cr**

A course for those students who plan to use or may need to use their proficiency in Spanish in a business career. This course provides an introduction to concepts and terminology associated with doing business in Spanish-speaking countries or with the Hispanic community in this country; affords practice in employing those concepts and terminology in the oral, reading and writing skills; and offers a brief overview of the culture and structure of the Hispanic business world.

Prereq: Six credits of 300 or 400-level Spanish courses or consent of instructor.

**686-390 SPANISH CONVERSATION 1 cr**

Designed to maintain and increase oral fluency in Spanish. Emphasis on spontaneous use of the language.

Repeatable five times for a maximum of 6 credits in major/degree. Prereq: 6 cr of 300 level courses or cons instr.

**686-451 SURVEY OF SPANISH LITERATURE 3 cr**

General history of Spanish literature from its beginning to the end of the eighteenth century. Reading of representative works of each genre.

Prereq: 9 cr of 300 level courses in Spanish.

**686-452 SURVEY OF SPANISH LITERATURE 3 cr**

General history of Spanish literature from the end of the eighteenth century to the present day. Reading of representative works of each genre.

Prereq: 9 cr of 300 level courses in Spanish.

**686-453 SURVEY OF SPANISH AMERICAN LITERATURE 3 cr**

General survey of main developments, works and authors of the literature from the discovery of the New World until 1888.

Prereq: 9 cr of 300 level courses in Spanish.

**686-454 SURVEY OF SPANISH AMERICAN LITERATURE 3 cr**

General survey of main developments, works and authors of the literature from 1888 until the present time.

Prereq: 9 cr of 300 level courses in Spanish.

**686-481 SPANISH CLASSICS 3 cr**

Topics alternate: 1) Don Quixote, 2) Golden Age drama, 3) Golden Age prose.

Repeatable with change of topic.

Prereq: 9 cr of 300 level courses in Spanish.

**686-483 CONTEMPORARY SPANISH AMERICAN 3 cr  
NARRATIVE**

Students will study in depth selected novels and short stories from the beginning of the Spanish American new narrative in the 1940's through its "boom" in the 1960's, to the present. Different works and/or authors will be studied each term the course is offered.

Prereq: 9 credits of 300 level courses in Spanish.

**686-490/690 WORKSHOP 1-3 cr**

Repeatable. Prereq: Consent of instructor.

**686-491/691 TRAVEL STUDY Repeatable 1-3 cr**

**686-493 INTERNSHIP IN SPANISH 1-3 cr**

Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages.

Repeatable. Satisfactory/No Credit Grade Basis Only.

Prereq: Six credits of Spanish at the 300 or 400-level, or consent of instructor.

**686-494/694 SEMINAR 1-3 cr**

Repeatable one time. Prereq: Consent of instructor.

**686-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable. Prereq: 6 cr of 300 level courses in Spanish or consent of instructor.

**686-497 EXCHANGE STUDY 1-12 cr**

Repeatable

**686-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree. Prereq: Major or minor in Spanish and approval of department chair.

**ENGLISH AS A SECOND LANGUAGE**

**688-301 APPROACHES TO TEACHING ESL TO 3 cr  
ADULTS**

Approaches to Teaching ESL provides students with a foundation in pedagogical



principles of teaching English to speakers of other languages. Students will learn approaches and techniques for teaching listening, speaking, reading and writing to ESL learners of different ages, learning English in a variety of settings. This course satisfies partial requirements for licensure in the State of Wisconsin.

Prereq: 680-101, 680-102 and 680-281.

### **688-320/520 THE SPOKEN LANGUAGE AND 3 cr DISCOURSE ANALYSIS**

In The Spoken Language & Discourse Analysis, students will develop working knowledge of contemporary issues in the teaching of oral communication (speaking and listening skills) to learners of ESL. Linguistic principles studied are also pertinent for those teaching foreign languages.

Prereq: 680-101 and 680-102 or 680-161 and 680-162 and 680-281 or special permission from the instructor.

**688-401 ESL CURRICULA AND MATERIALS DEVELOPMENT 3 cr**  
ESL Curricula and Materials will provide students with the background to develop or select appropriate curricula and to design materials which enhance language learning. The approach to curricular design and materials development is one that is learner centered.

Prereq: 680-101, 680-102, 680-281 and 688-301.

### **688-493/693 APPLIED STUDY IN ESL 1-6 cr**

Applied Study in ESL is a 1-6 variable credit course for students minoring in TESL. Students would enroll for at least 2 credits. Through working with English language learners with a variety of backgrounds, such as: UW-Whitewater international students enrolled in 680-161 or 680-162, employees of local businesses, parents of children in the Whitewater schools, or other appropriate groups, students will put to practical use the teaching skills they have developed through other courses in the minor. Repeatable for a maximum of 6 credits in minor.

Prereq: 680-101, 680-102, 680-281 and 688-301.

### **688-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

\* 680-101 and 680-102 (or 680-161 and 680-162) are prerequisites for this course.

\*\* Meets the Human Relations requirement.

## **FOREIGN LANGUAGES**

Phone: 262-472-1033

E-Mail: forlang@uwwvax.uww.edu

*Faculty:* Rino Avellaneda, Nayla Chehade, Carlos de Onis, Leilani Garcia-Turull, Jian Guo, Peter Hoff, Elaine Johnson, Regis Lecoanet, Kristi McAuliffe, Karl H. Merz, Manuel Ossers, Kevin Rottet.

Courses in foreign languages are intended to provide the basic skills of listening, speaking, reading and writing as well as an introduction to the literature and the culture of the countries in question. The study of a foreign language may lead to a career in teaching or it may provide the student with a valuable supporting skill in many fields, such as business, public service, librarianship, social work, law, journalism, or the health professions. Reading knowledge of a foreign language is a requirement for many graduate degrees.

### Placement Exam

Students with no previous university-level coursework in Spanish, French or German who wish to continue with one of these languages acquired previously must take the appropriate foreign language placement exam and will be placed accordingly.

The placement test is given to help the student select the proper course, but departmental advising is recommended.

### Credit for Previous Language Study

The Department of Languages and Literatures grants up to 16 credits in French, German or Spanish (4 credits in Chinese or Japanese) for previous language study or other language experience provided the student earns at least a "B" in a follow-up course at UW-W. Students may enroll in any course except phonetics and the 390 conversation course to receive credits for previous language study. (See previous section: Placement Exam). The B grade must be earned in the first course taken at the university level.

## **MAJOR**

### **FRENCH (BA/BS)**

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF FRENCH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 682-493, 682-496, 682-497, 682-498

2. FREN 682-340 OR 682-350
3. SELECT 17 CRED OF FRENCH BEYOND 682-252

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**FRENCH (BSE)**

LICENSURE - 37 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  1. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-427
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492
8. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF FRENCH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 682-493, 682-496, 682-497, 682-498
2. FREN 682-310
3. FREN 682-340 OR 682-350
4. SELECT 14 CRED OF FRENCH BEYOND 682-252

MAJOR - LICENSURE

1. STUDENTS WHO ENTERED COLLEGE AFTER 7-1-87 OR UW-W AFTER 7-1-88 SHOULD BE AWARE OF FOREIGN RESIDENCY REQUIREMENT; SEE ADVISER FOR INFO

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **MINOR/EMPHASIS**

FRENCH

MINOR - 12 CREDITS BEYOND 252

1. SELECT 12 CRED FROM COURSES BEYOND

FRENCH 252

FRENCH EDUCATION EMPHASIS

MINOR - 12 CREDITS BEYOND 252

1. FREN 682-310, 682-321 AND 682-322
2. SELECT 3 CRED FROM COURSES BEYOND FREN 682-252

MINOR -

1. STUDENTS WHO ENTERED COLLEGE AFTER 7-1-87 OR UW-W AFTER 7-1-88 SHOULD BE AWARE OF FOREIGN RESIDENCY REQUIREMENT; SEE ADVISER FOR INFO

MAJOR

### **GERMAN (BA/BS)**

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF GERMAN LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 684-493, 684-496, 684-497 AND 684-498
2. GERM 684-350
3. SELECT 17 CRED OF GERMAN BEYOND 684-252

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **GERMAN (BSE)**

LICENSURE - 37 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-427
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492
8. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF GERMAN LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE GERM 684-493, 684-496, 684-497 AND 684-498
2. GERM 684-310
3. GERM 684-350
4. SELECT 14 CRED OF GERMAN BEYOND 684-252

MAJOR - LICENSURE

1. STUDENTS WHO ENTERED COLLEGE AFTER 7-1-87 OR UW-W AFTER 7-1-88 SHOULD BE AWARE OF FOREIGN RESIDENCY REQUIREMENT; SEE ADVISER FOR INFO

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370 AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **MINOR/EMPHASIS**

GERMAN

MINOR - 12 CREDITS BEYOND 252

1. SELECT 12 CRED FROM COURSES BEYOND GERMAN 252

#### GERMAN EDUCATION EMPHASIS

#### MINOR - 12 CREDITS BEYOND 252

1. GERM 684-310, 684-321 AND 684-322
2. SELECT 3 CRED FROM COURSES BEYOND GERM 684-252

#### MINOR -

1. STUDENTS WHO ENTERED COLLEGE AFTER 7-1-87 OR UW-W AFTER 7-1-88 SHOULD BE AWARE OF FOREIGN RESIDENCY REQUIREMENT; SEE ADVISER FOR INFO

#### MAJOR

#### **SPANISH (BA/BS)**

#### MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF SPANISH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 686-493, 686-496, 686-497 AND 686-498
2. SPAN 686-350 OR 686-360
3. SELECT 17 CRED OF SPANISH BEYOND 686-252

#### MAJOR - WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

#### **SPANISH (BSE)**

#### LICENSURE - 37 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412

- b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
- 5. C&I 437-427
- 6. EDFD 423-212 AND 424-425
- 7. SELECT 3 CREDITS FROM COURSE C&I 439-492
- 8. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 26 CREDITS BEYOND 252

- 1. SELECT 6 CRED OF SPANISH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 686-493, 686-496, 686-497 AND 686-498
- 2. SPAN 686-310
- 3. SPAN 686-350 OR 686-360
- 4. SELECT 14 CRED OF SPANISH BEYOND 686-252

MAJOR - LICENSURE

- 1. STUDENTS WHO ENTERED COLLEGE AFTER 7-1-87 OR UW-W AFTER 7-1-88 SHOULD BE AWARE OF FOREIGN RESIDENCY REQUIREMENT; SEE ADVISER FOR INFO

MAJOR - WRITING PROFICIENCY - 3 CREDITS

- 1. ENGL 680-370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINOR/EMPHASIS

SPANISH

MINOR - 12 CREDITS BEYOND 252

- 1. SELECT 12 CRED FROM COURSES BEYOND SPANISH 252 SPANISH EDUCATION EMPHASIS

MINOR - 12 CREDITS BEYOND 252

- 1. SPAN 686-310, 686-321 AND 686-322
- 2. SELECT 3 CRED FROM COURSES BEYOND 686-252

MINOR -

1. STUDENTS WHO ENTERED COLLEGE AFTER 7-1-87 OR UW-W AFTER 7-1-88 SHOULD BE AWARE OF FOREIGN RESIDENCY REQUIREMENT; SEE ADVISER FOR INFO

## ENGLISH AS A SECOND LANGUAGE

### **681 COURSE DESCRIPTIONS**

#### **681-101 BEGINNING JAPANESE I GH 4 cr**

Japanese 101 is the first semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.

#### **681-102 BEGINNING JAPANESE II GH 4 cr**

Japanese 102 is the second semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.

Prereq: 681-101 or its equivalent

#### **681-141 BEGINNING CHINESE GH 4 cr**

This course begins comprehensive training in elementary "common speech" (Mandarin) Chinese. It adopts pinyin (Chinese Phonetic Alphabet) as standard phonetic system and covers one hundred and fifty characters, commonly used sentence patterns, and the basic grammar in both spoken and written Chinese. This course also introduces students to the social and cultural context in which the language is shaped and used.

#### **681-142 BEGINNING CHINESE GH 4 cr**

This course continues comprehensive training in elementary "common speech" (Mandarin) Chinese. It adopts pinyin (Chinese Phonetic Alphabet) as standard phonetic system and covers five hundred characters, commonly used sentence patterns, and the basic grammar in both spoken and written Chinese. This course also introduces students to the social and cultural context in which the language is shaped and used.

Prereq: 681-141 or equivalent.

#### **681-496 SPECIAL STUDIES 1-4 cr**

Repeatable.

Prereq: Consent of instructor.



## **682 COURSE DESCRIPTIONS**

### **682-141 BEGINNING FRENCH GH 4 cr**

An elementary course with oral emphasis. Grammar, reading, writing, conversation.

### **682-142 BEGINNING FRENCH GH 4 cr**

Continuation of 682-141.

Prereq: 682-141 or equivalent.

### **682-251 INTERMEDIATE FRENCH GH 4 cr**

Grammar review, reading, oral and written exercises, conversation.

Prereq: 682-142 or equivalent.

### **682-252 INTERMEDIATE FRENCH GH 4 cr**

Continuation of 682-251.

Prereq: 682-251 or equivalent.

### **682-310 FRENCH PHONETICS 3 cr**

A study of the elements of speech sounds and intonation patterns in French with application to understanding and speaking. Use of phonetic transcription. Emphasis on perfecting the student's ability to render French orally.

Prereq: 682-252 or equivalent or consent of instructor.

### **682-321 ADVANCED FRENCH LANGUAGE STUDY GH 3 cr**

A thorough study of the structure of the language. Practical application through conversation and composition.

Prereq: 682-252 or equivalent.

### **682-322 ADVANCED FRENCH LANGUAGE STUDY GH 3 cr**

Continuation of 682-321.

Prereq: 682-321 or consent of instructor.

### **682-331 READINGS IN MODERN FRENCH 3 cr**

Language study through reading and discussion in French of selected texts in modern French. Emphasis on vocabulary acquisition and grammatical usage.

Prereq: 682-252 or equivalent.

### **682-332 READINGS IN MODERN FRENCH 3 cr**

Similar to 682-331; with different texts.

Prereq: 682-252 or equivalent or consent of instructor.

**682-340 CONTEMPORARY FRENCH CIVILIZATION 2-3 cr**

A study of the French way of life today as reflected in its cultural, religious, educational, political and social institutions.

Prereq: One 300 level course or cons instr.

**682-350 FRENCH CIVILIZATION 3 cr**

Study of the political, social, intellectual, artistic and literary development of France, from the Middle Ages to the present.

Prereq: 6 cr of 300 level course in French or cons instr.

**682-370 INTRODUCTION TO BUSINESS FRENCH 3 cr**

A course for those students who plan to use their proficiency of French in a business career. This course provides an introduction to concepts and terminology associated with doing business in French-speaking countries, affords practice in employing those concepts and terminology in the oral, reading and writing skills, and offers a brief overview of the culture and structure of the French business world.

Prereq: 9 credits of 300 or 400 level French courses, or cons instr.

**682-390 FRENCH CONVERSATION 1 cr**

A course designed to maintain and increase oral fluency in French. Emphasis on spontaneous use of the language.

Repeatable five times for maximum of 6 credits in major/degree.

Prereq: Completion of six hours of 300 level courses or cons instr.

**682-451 SURVEY OF FRENCH LITERATURE 3 cr**

General history of French literature from its beginning to the end of the eighteenth century. Reading of representative works of prose and poetry.

Prereq: 9 cr of 300 level courses in French.

**682-452 SURVEY OF FRENCH LITERATURE 3 cr**

General history of French literature from the end of the eighteenth century to the present day. Reading of representative works of prose and poetry.

Prereq: 9 cr of 300 level courses in French.

**682-481 FRENCH CLASSICS 3 cr**

Study of the concept of classicism through the life, works and ideas of the major 17th century authors. Emphasis on the theatre, i.e., the plays by Corneille, Moliere and Racine.

Prereq: 9 cr of 300 level courses in French.

**682-482 CONTEMPORARY FRENCH LITERATURE 3 cr**

Study of selected texts of the major writers of the twentieth century.

Prereq: 9 cr of 300 level courses in French.

**682-490/690 WORKSHOP 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**682-491/691 TRAVEL STUDY**

Repeatable 3 cr

**682-493 INTERNSHIP IN FRENCH 1-3 cr**

Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages.

Repeatable.

Satisfactory/No Credit Grade Basis Only.

Prereq: Six credits of French at the 300 or 400-level, or consent of instructor.

**682-494/694 SEMINAR 1-3 cr**

Repeatable. Prereq: 9 credits of 300 level courses or cons instr.

**682-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable. Prereq: 6 cr of 300 level courses in French or cons instr.

**682-497 EXCHANGE STUDY 1-12 cr**

Repeatable.

**682-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree.

Prereq: Major or minor in French and consent of department chairperson.

## **684 COURSE DESCRIPTIONS**

**684-141 BEGINNING GERMAN GH 4 cr**

Introduction to the fundamental structure of German, equally emphasizing the skills of listening, speaking, reading, and writing.

**684-142 BEGINNING GERMAN GH 4 cr**

Continuation of 684-141.

Prereq: 684-141 or equiv.

**684-251 INTERMEDIATE GERMAN GH 4 cr**

Systematic deepening and improving of the four language skills with emphasis on the grammatical structure. Selected reading.

Prereq: 684-142 or equiv.

**684-252 INTERMEDIATE GERMAN GH 4 cr**

Continuation of 684-251 including outside reading in the area of the student's interest.

Prereq: 684-251 or equiv.

**684-310 GERMAN PHONETICS 3 cr**

Brief history of the German language, study of German speech sounds, oral practice including lab work. Very important for future German teachers.

Prereq: 684-252 or equivalent or consent of instructor.

**684-321 ADVANCED GERMAN LANGUAGE STUDY GH 3 cr**

A thorough study of the structure of German with practice in oral and written application.

Prereq: 684-252 or equiv.

**684-322 ADVANCED GERMAN LANGUAGE STUDY GH 3 cr**

Same as 684-321 but using different materials.

Prereq: 684-321 or cons instr.

**684-331 READINGS IN MODERN GERMAN LITERATURE 3 cr**

Reading and discussion of plays and short stories for comprehension and vocabulary building.

Prereq: 684-252 or equiv.

**684-332 READINGS IN MODERN GERMAN LITERATURE 3 cr**

Reading and discussion of selected plays, short stories and poems for comprehension and vocabulary building.

Prereq: 684-331 or equiv. or 684-252 and cons instr.

**684-350 GERMAN CIVILIZATION 3 cr**

The political and cultural development of the German-speaking people with emphasis on present-day Germany, Austria and Switzerland.

Prereq: 6 cr of 300 level courses in German or cons instr.

**684-390 GERMAN CONVERSATION 1 cr**

A course designed to maintain and increase oral fluency in German. Emphasis on spontaneous use of the language.

Repeatable five times for a maximum of 6 credits in major/degree.

Prereq: Completion of six hours of 300 level courses in German or cons instr.

**684-451 SURVEY OF GERMAN LITERATURE 3 cr**

General history of German literature from its beginnings to the end of the eighteenth century. Readings from representative works.

Prereq: 9 cr of 300 level courses in German or cons instr.

**684-452 SURVEY OF GERMAN LITERATURE 3 cr**

General history of German literature from the end of the eighteenth century to the present. Readings from representative works.

Prereq: 9 cr of 300 level courses in German or cons instr.

**684-490/690 WORKSHOP 1-3 cr**

Repeatable.

Prereq: 9 credits of 300 level courses or cons instr.

**684-491/691 TRAVEL STUDY**

Repeatable 1-3 cr

**684-493 INTERNSHIP IN GERMAN 1-3 cr**

Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages.

Repeatable. Satisfactory/No Credit Grade Basis Only.

Prereq: Six credits of German at the 300 or 400-level, or consent of instructor.

**684-494/694 SEMINAR 1-3 cr**

Repeatable one time. Prereq: Cons. instr.

**684-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

Prereq: 6 cr of 300 level courses in German or cons instr.

**684-497 EXCHANGE STUDY 1-12 cr**

Repeatable.

**684-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree.

Prereq: Majors and minors and cons. dept.

## **686 COURSE DESCRIPTIONS**

### **686-141 BEGINNING SPANISH GH 4 cr**

An elementary course with oral emphasis. Grammar, reading, writing, conversation

### **686-142 BEGINNING SPANISH GH 4 cr**

Continuation of 686-141.

Prereq: 686-141 or equiv.

### **686-251 INTERMEDIATE SPANISH GH 4 cr**

Grammar review, reading, oral and written exercises. Conversation.

Prereq: 686-142 or equiv.

### **686-252 INTERMEDIATE SPANISH GH 4 cr**

Continuation of 686-251.

Prereq: 686-251 or equiv.

### **686-310 SPANISH PHONETICS 3 cr**

A study of the elements of speech sounds, the application of sounds to understanding and speaking, with emphasis on oral practice.

Prereq: 686-252 or equivalent or consent of instructor.

**686-321 ADVANCED SPANISH LANGUAGE STUDY GH 3 cr** A thorough study of the structure of the language. Practical application through conversation and composition.

Prereq: 686-252 or equiv.

### **686-322 ADVANCED SPANISH LANGUAGE STUDY GH 3 cr**

Continuation of 686-321.

Prereq: 686-321 or cons instr.

### **686-331 PENINSULAR-SPANISH READINGS I 3 cr**

Language study through reading and discussion in Spanish of selected works of the nineteenth century. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

### **686-332 PENINSULAR-SPANISH READINGS II 3 cr**

Language study through reading and discussion in Spanish of selected works of the twentieth century. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

**686-333 SPANISH-AMERICAN READINGS I 3 cr**

Language study through reading and discussion in Spanish of selected works of the late nineteenth and early twentieth centuries in Spanish America. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

**686-334 SPANISH-AMERICAN READINGS II 3 cr**

Language study through reading and discussion in Spanish of selected works of the recent and contemporary twentieth century in Spanish America. Emphasis on vocabulary acquisition.

Prereq: 686-321 or equivalent or consent of instructor.

**686-350 SPANISH CIVILIZATION 3 cr**

Study of the political, social, intellectual, artistic and literary development of Spain and Hispanic areas from remote times to the present day.

Prereq: 6 cr of 300 level courses in Spanish or cons instr.

**686-360 SPANISH AMERICAN CIVILIZATION 3 cr**

An introduction to the geography, history, literature, sociology, economics and political life of Spanish America.

Prereq: 6 cr. of 300 level courses in Spanish or cons instr.

**686-370 SPANISH FOR BUSINESS 3 cr**

A course for those students who plan to use or may need to use their proficiency in Spanish in a business career. This course provides an introduction to concepts and terminology associated with doing business in Spanish-speaking countries or with the Hispanic community in this country; affords practice in employing those concepts and terminology in the oral, reading and writing skills; and offers a brief overview of the culture and structure of the Hispanic business world.

Prereq: Six credits of 300 or 400-level Spanish courses or consent of instructor.

**686-390 SPANISH CONVERSATION 1 cr**

Designed to maintain and increase oral fluency in Spanish. Emphasis on spontaneous use of the language.

Repeatable five times for a maximum of 6 credits in major/degree.

Prereq: 6 cr of 300 level courses or cons instr.

**686-451 SURVEY OF SPANISH LITERATURE 3 cr**

General history of Spanish literature from its beginning to the end of the eighteenth century. Reading of representative works of each genre.

Prereq: 9 cr of 300 level courses in Spanish.

**686-452 SURVEY OF SPANISH LITERATURE 3 cr**

General history of Spanish literature from the end of the eighteenth century to the present day. Reading of representative works of each genre.

Prereq: 9 cr of 300 level courses in Spanish.

**686-453 SURVEY OF SPANISH AMERICAN LITERATURE 3 cr**

General survey of main developments, works and authors of the literature from the discovery of the New World until 1888.

Prereq: 9 cr of 300 level courses in Spanish.

**686-454 SURVEY OF SPANISH AMERICAN LITERATURE 3 cr**

General survey of main developments, works and authors of the literature from 1888 until the present time.

Prereq: 9 cr of 300 level courses in Spanish.

**686-481 SPANISH CLASSICS 3 cr**

Topics alternate: 1) Don Quixote, 2) Golden Age drama, 3) Golden Age prose.

Repeatable with change of topic.

Prereq: 9 cr of 300 level courses in Spanish.

**686-483 CONTEMPORARY SPANISH AMERICAN NARRATIVE 3 cr**

Students will study in depth selected novels and short stories from the beginning of the Spanish American new narrative in the 1940's through its "boom" in the 1960's, to the present. Different works and/or authors will be studied each term the course is offered.

Prereq: 9 credits of 300 level courses in Spanish.

**686-490/690 WORKSHOP 1-3 cr**

Repeatable.

Prereq: Consent of instructor.

**686-491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**686-493 INTERNSHIP IN SPANISH 1-3 cr**

Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages.

Repeatable.

Satisfactory/No Credit Grade Basis Only.

Prereq: Six credits of Spanish at the 300 or 400-level, or consent of instructor.



## **LANGUAGES AND LITERATURES - ESL**

### **686-494/694 SEMINAR 1-3 cr**

Repeatable one time.

Prereq: Consent of instructor.

### **686-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

Prereq: 6 cr of 300 level courses in Spanish or consent of instructor.

### **686-497 EXCHANGE STUDY 1-12 cr**

Repeatable

### **686-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree.

Prereq: Major or minor in Spanish and approval of department chair.

## **688 COURSE DESCRIPTIONS**

**688-301 APPROACHES TO TEACHING ESL TO ADULTS 3 cr** Approaches to Teaching ESL provides students with a foundation in pedagogical principles of teaching English to speakers of other languages. Students will learn approaches and techniques for teaching listening, speaking, reading and writing to ESL learners of different ages, learning English in a variety of settings. This course satisfies partial requirements for licensure in the State of Wisconsin.

Prereq: 680-101, 680-102 and 680-281.

### **688-320/520 THE SPOKEN LANGUAGE AND DISCOURSE ANALYSIS 3 cr**

In The Spoken Language & Discourse Analysis, students will develop working knowledge of contemporary issues in the teaching of oral communication (speaking and listening skills) to learners of ESL. Linguistic principles studied are also pertinent for those teaching foreign languages.

Prereq: 680-101 and 680-102 or 680-161 and 680-162 and 680-281 or special permission from the instructor.

### **688-401 ADULT ESL CURRICULA AND MATERIALS 3 cr**

ESL Curricula and Materials will provide students with the background to develop or select appropriate curricula and to design materials which enhance language learning. The approach to curricular design and materials development is one that is learner centered.

Prereq: 680-101, 680-102, 680-281 and 688-301.

**688-493 APPLIED STUDY IN ESL 1-6 cr**

Applied Study in ESL is a 1-6 variable credit course for students minoring in TESL. Students would enroll for at least 2 credits. Through working with English language learners with a variety of backgrounds, such as: UW-Whitewater international students enrolled in 680-161 or 680-162, employees of local businesses, parents of children in the Whitewater schools, or other appropriate groups, students will put to practical use the teaching skills they have developed through other courses in the minor. Repeatable for a maximum of 6 credits in minor.

Prereq: 680-101, 680-102, 680-281 and 688-301.

**688-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

## **DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES**

*Phone:* 262-472-4775

*E-Mail:* philrelgn@uwwvax.uww.edu

*Faculty:* Richard Brooks, David Cartwright, Wade Dazey, Ann Luther, Andrea Nye (Chairperson), Warren Shibles, Richard Yasko.

### **PHILOSOPHY**

Philosophy is a basic field of inquiry that is neither part of nor reducible to any other discipline. Philosophers explore ideas, questions, issues, and problems that arise from the entire spectrum of human experiences. Philosophy courses deal with fundamental issues concerning the nature of morality and the good life, methods of correct reasoning, the nature of knowledge and reality, aesthetics, and the foundations needed for a good society. In addition to courses dealing explicitly with those issues, courses are also offered that survey the history of western philosophy in light of these issues.

As a discipline central to a liberal arts education, philosophy seeks to develop students' skills and knowledge, preparing them for life as a whole. Hence it fosters critical, analytical, and creative thinking skills that are relevant to any subject matter. The philosophy minor complements any major field of study that demands higher order thinking skills and the ability to understand and assess complex and competing points of view.

### **MINOR/EMPHASIS**

## PHILOSOPHY

### MINOR - 18 CREDITS

1. PHIL 782-251
2. PHIL 782-261 OR 782-245
3. PHIL 782-341 OR 782-342 OR 782-343 OR 782-345
4. SELECT 3 CRED FROM PHILOSOPHY COURSE LEVEL 300 OR 400 WHICH MAY INCLUDE RELG 786-303 OR 786-330
5. SELECT 6 ELECTIVE CREDITS FROM PHILOSOPHY DEPT 782 WHICH MAY INCLUDE INTD 940-246 AND RELG 786-201

## PHILOSOPHY EDUCATION EMPHASIS

### MINOR - 22 CREDITS

1. PHIL 782-251
2. PHIL 782-245 OR 782-261
3. PHIL 782-341 OR 782-342 OR 782-343 OR 782-345
4. SELECT 10 ELECTIVE CREDITS FROM PHILOSOPHY DEPT 782 WHICH MAY INCLUDE INTD 940-246 AND RELG 786-201
5. SELECT 3 CRED FROM PHILOSOPHY COURSE LEVEL 300 OR 400 WHICH MAY INCLUDE RELG 786-303 OR 786-330

## RELIGIOUS STUDIES

Religious Studies provides information and discussion about religious issues and major religious traditions in an academic atmosphere of fairness and intellectual objectivity. The purpose of the discipline is to further the student's liberal education by promoting tolerance and an informed critical understanding about religious issues and ideas of various cultures. Its special concern is the intellectual examination of the religious content pervading influential ideals, values, and practices found in the dominant cultures of human society.

Individual Religious Studies courses may serve as complements to any program of university study and most fulfill General Education requirements in the Humanities. Several Religious Studies courses fulfill requirements in other programs such as in General Business-International Emphasis and in Asian Studies, and are approved to meet history and contemporary culture requirements for teacher licensure. In addition, selected Religious Studies courses are electives in International Studies, Asian Studies, Philosophy, and Women's Studies.

## **782 COURSE DESCRIPTIONS**

### **782-241 INTRODUCTION TO PHILOSOPHY GH 3 cr**

An introduction to philosophical thought. Representative philosophers and representative issues, such as the nature of ethical reasoning, rival theories of knowledge, and the individual's relation to society, are considered. The emphasis is on argument and analysis, and on issues which are relevant to philosophical problems.

### **782-245 CONTEMPORARY MORAL ISSUES GH 3 cr**

An analysis and critical examination of contemporary moral issues related to business, science, and social policy as developed by current participants in the debate and moral philosophers of various periods and philosophical perspectives.

### **782-247 BIOETHICS GH 3 cr**

This course provides an introduction to the basic science underlying current research in biology, as well as critical study of ethical, legal and social issues raised by technological applications of biological research in such fields as medicine, genetic counseling, law, and family planning.

Prereq: 900-150

### **PHILSPHY 248 ENVIRONMENTAL ETHICS GH 3 u**

A critical examination of ethical issues and problems arising from human interaction with non-human animals and the natural environment. Topics, such as the moral status of non-human animals, the moral bases of an environmental ethics, biodiversity, and sustainable development, will be considered by examining the writing of philosophers representing various perspectives.

### **782-251 LOGIC GH 3 cr**

By examining basic concepts, methods, and techniques for evaluating argumentation, this course aims at developing students' abilities to recognize, criticize, and construct arguments. The relationship between language and good reasoning will also be considered.

### **782-261 INTRODUCTION TO ETHICS GH 3 cr**

A study of the main Western theories of moral value and obligation. These theories will be analyzed in terms of their adequacy for solving moral problems and their ability to articulate the morally good life. Consideration will also be given to challenges to normative ethics.

**782-271 INTRODUCTION TO AESTHETICS GH 3 cr**

An analysis and discussion of problems as to the nature of art, artistic truth or insight, aesthetic appreciation, evaluation of works of art, creativity, and the role of the artist in society.

Prereq: 900-110 or consent of the instructor.

**782-281 SOCIAL PHILOSOPHY GH 3 cr**

A discussion of ideas which are basic to thinking about society, its purposes, and its structure. Such ideas as justice, equality, rights, obligations and freedom are examined.

Prereq: 900-130 or consent of the instructor.

**782-291 PHILOSOPHY OF THE NATURAL AND SOCIAL SCIENCES GH 3 cr**

A critical examination of the methods, presuppositions, and concepts of the natural and social sciences. This course examines key concepts in the sciences such as time, space, explanation, verification, model construction, etc.

Prereq: 900-150 or consent of instructor.

**782-341 CLASSICAL PHILOSOPHY GH 3 cr**

An introduction to the major figures in Greek philosophy, including representative pre-Socratic philosophers, Plato, and Aristotle, focusing on Classical sources of philosophy of science, ethics, political philosophy, and theory of knowledge.

Prereq: 900-150 or sophomore level.

**782-342 MODERN PHILOSOPHY GH 3 cr**

This course concentrates on the main movements in philosophy from Descartes through Kant. Principal works and selections from the major philosophers will be read.

Prereq: 900-150 or sophomore level.

**782-343 AMERICAN PHILOSOPHY GH 3 cr**

This course examines the main currents of American philosophy through a study of the writings of America's major philosophers, e.g., Dewey, Peirce, James, Santayana, Mead, Whitehead, and more contemporary writers.

Prereq: 900-120 or consent of the instructor.

**782-345 CONTEMPORARY PHILOSOPHY GH 3 cr**

A critical examination of major Western philosophers and philosophical schools of thought of the nineteenth and twentieth centuries.

Prereq: 900-150 or sophomore level.

**782-365 PHILOSOPHICAL AND RELIGIOUS PERSPECTIVES ON DEATH AND DYING GH 3 cr**

A critical examination of philosophical and religious materials dealing with death and dying. Issues such as the nature of death, the fear of death, the possibility of an afterlife, the concept of immortality, ethical and legal problems raised in the dying process, the ethics of hospice care, and the morality of euthanasia will be considered. Prereq: Sophomore standing.

**782-390/590 FEMINIST PHILOSOPHY 3 cr**

An introduction to feminist philosophy including its relation to other philosophical traditions, its historical development, and its relevance to concerns in areas such as ethics, theory of knowledge, political philosophy, and philosophy of religion. Prereq: Soph level or consent of instructor.

**782-490/690 WORKSHOP 1-3 cr**

Repeatable

**782-494/694 SEMINAR 1-3 cr**

Repeatable

**782-496/696 SPECIAL STUDIES**

Repeatable 1-3 cr

**782-498 INDEPENDENT STUDY 1-3 cr**

Repeatable

**940-246 BUSINESS ETHICS GI 3 cr**

(See Interdisciplinary Studies)

**786 COURSE DESCRIPTIONS**

**786-201 CRITICAL ISSUES IN MODERN RELIGION GH 3 cr**

An introduction to selected critical issues relating to contemporary academic concerns. A variety of religion to modern culture and intellectual positions will be analyzed and discussed.

**786-211 INTRODUCTION TO EASTERN RELIGIONS GH 3 cr**

An introduction to the major religious traditions in the cultural areas of South, Southeast, and East Asia: Hinduism, Buddhism, Jainism, Taoism, Confucianism, and Shinto.

**786-212 INTRODUCTION TO WESTERN RELIGIONS GH 3 cr**

An introduction to the major religious traditions that have shaped Near Eastern and Western culture; especially Judaism, Christianity, and Islam.

**786-252 THE BIBLE AS LITERATURE 3 cr**

This course will survey the Bible and some other related Near Eastern literature, focusing on the development of genres, motifs, and other literary forms that have influenced the form and content of Western literature, including the parable, the proverb, the loss of Eden, exile and return, origin stories, and hero stories. (Offered jointly with English).

Prereq: 680-101 and 680-102.

Unreq: 680-252.

**786-303 EASTERN RELIGIOUS THOUGHT GH 3 cr**

A study of selected texts and religious thought from India, China, and Japan in relation to their impact on personal spiritual development and cultural integration.

Prereq: 900-140 or consent of the instructor.

**786-330 WOMEN AND RELIGION GH 3 cr**

This course will trace changing conceptions of gender roles and the functions of women in various religious traditions. Feminine and masculine images of divinity will be compared and recent scholarship in feminist theology on questions such as the nature of divinity, immortality, and religious devotion will be examined.

Prereq: 900-140 or consent of the instructor.

**786-351 RELIGION IN AMERICAN CULTURE GH 3 cr**

An examination of the significant role played by religious ideas and traditions in American society from colonial times to the present in historical and cultural perspectives.

Prereq: 900-120 or consent of the instructor.

**786-353 SOCIOLOGY OF RELIGION 3 cr**

A study of the function and forms of religious groups in primitive and contemporary societies; a theoretical examination of religion as a basic social institution. (Offered jointly with sociology).

Prereq: 3 credits of sociology course work.

Unreq: 880-353.

**786-355 THE RENAISSANCE AND THE REFORMATION GH 3 cr**

European history from 1300 to 1600 with emphasis on the Renaissance in Italy and northern Europe and the period of the Reformation. (Offered jointly with History).

Prereq: 900-120 or consent of the instructor. Unreq: 740-355.

**786-388/588 THE HOLOCAUST: NAZI GERMANY & THE GENOCIDE OF THE JEWS 3 cr**

This course will examine the origins, implementation, and legacies of the Nazi Holocaust against the Jews. It is intended to help students gain an appreciation of the importance of the Holocaust to the Jewish experience, while understanding that other groups also were victimized. (Offered jointly with Sociology).

Prereq: 3 credits of sociology, history or religious studies.

Unreq: 880-388/588.

**786-490/690 WORKSHOP 1-3 cr**

Repeatable

**786-494 SEMINAR 1-3 cr**

Repeatable

**786-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable

**786-498 INDEPENDENT STUDIES 1-3 cr**

Repeatable

**DEPARTMENT OF PHYSICS**

*Phone:* 262-472-1067

*E-Mail:* physics@uwwvax.uww.edu

*Faculty:* Juliana Constantinescu, Kimberly Hill-Malvick, Kenneth Menningen, Jeffrey Rufinus, Paul Rybski (Chairperson), Frank Stekel, Shirley Stekel, Hugo Tscharnack.

Physics is the science which is concerned with the basic structure of matter, including its properties and behavior. Physics serves as a foundation for the other sciences and its concepts and principles form the basis of engineering and technology.

**MAJOR/EMPHASES**

The recommended general physics course sequence for physics majors and minors is 800-170/175; with departmental approval 800-160/800-163 may be substituted.



800-130 may be substituted for 800-170 or 800-160/161 upon the recommendation of the instructor in 800-130 and with the approval of the department.

### **PHYSICS ENGINEERING EMPHASIS (BA/BS)**

(Recommended for students intending to attend engineering school)

#### MAJOR - 34 UNITS

1. PHYSCS 170, PHYSCS 172, PHYSCS 173, PHYSCS 174, PHYSCS 175, PHYSCS 280, PHYSCS 282 AND PHYSCS 489

2. SELECT REMAINING UNITS FROM PHYSCS 221, PHYSCS 320, PHYSCS 322, PHYSCS 330, PHYSCS 331, PHYSCS 354, PHYSCS 355, PHYSCS 364, PHYSCS 410, PHYSCS 411, PHYSCS 412, PHYSCS 413, AND NO MORE THAN 3 UNITS FROM 490-499 COURSES

#### MAJOR - UNIQUE REQUIREMENT - 22 UNITS

1. CHEM 102, CHEM 104, MATH 255, MATH 355, MATH 361 AND COMPSCI 173 RLS

#### WRITING - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR.

### **PHYSICS GRADUATE SCHOOL EMPHASIS (BA/BS)**

(Recommended for students intending to attend graduate school.)

#### MAJOR - 34 CREDITS

1. PHYS 800-310, 800-320 AND 800-489

2. SELECT 1 GROUP (PHYS 800-170, 800-172, 800-173, 800-174, 800-175) OR (PHYS 800-160, 800-161, 800-162, 800-163)

3. SELECT 2 CRED FROM PHYS 800-221 OR LAB COURSES NUMBERED 300 OR 400 PHYS 800-221, 800-331, 800-355, 800-411 AND 800-413

4. SELECT REMAINING CREDITS FROM PHYSICS NUMBERED 300 OR 400 WITH NO MORE THAN 3 CREDITS FROM COURSES 800-490 THRU 499

#### MAJOR - UNIQUE REQUIREMENT - 11 CREDITS

1. MATH 760-255, 760-355 AND 760-361 RLS

WRITING - 3 CREDITS

1. ENGL 680-370 OR 680-372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**PHYSICS INDUSTRY EMPHASIS (BA/BS)**

(Recommended for students intending to seek employment in industry.)

MAJOR - 34 CREDITS

1. PHYS 800-170, 800-172, 800-173, 800-174, 800-175, 800-221, 800-310, 800-320, 800-330, 800-331, 800-364 AND 800-489
2. SELECT 1 GROUP (PHYS 800-354 AND 800-355) OR (PHYS 800-410 AND 800-411)
3. SELECT REMAINING CREDITS FROM PHYSICS NUMBERED 300 OR 400 WITH NO MORE THAN 3 CREDITS FROM 490 - 499 COURSES

MAJOR - UNIQUE REQUIREMENT - 28 CREDITS

1. CHEM 640-102, 640-104, MATH 760-255, 760-355, 760-361, CPSC 765-173, ECON 230-211 AND ACTG 210-244 RLS

WRITING - 3 CREDITS

1. ENGL 680-370 OR 680-372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**PHYSICS (BSE)**

(Recommended for students intending to teach physics in secondary school.)

LICENSURE - 40 UNITS

1. C&I SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. SELECT 2 UNITS FROM CIFLD 210

4. STUDENT TEACHING
  - a. SELECT 2 OR 12 UNITS FROM CIFLD 412
  - b. SELECT 2 OR 12 UNITS FROM CIFLD 414
5. SECNDED 429
6. GEOGRPHY 252 (GS) OR BIOLOGY 214 (GM) RLS
7. EDFOUND 212 AND EDFOUND 425
8. SELECT 3 UNITS FROM COURSE CIFLD 492
9. SELECT 3 UNITS FROM EDUINDP 496

MAJOR - 34 UNITS

1. PHYSCS 310, 320, 410 AND 489
2. SELECT 1 GROUP (PHYSCS 170, 172, 173, 174, 175) OR (PHYSCS 160, 161, 162, 163)
3. SELECT REMAINING UNITS FROM PHYSCS 221, ASTRONOMY 112 AND COURSES NUMBERED 300 OR 400 WITH NO MORE THAN 3 UNITS SELECTED FROM COURSES PHYSCS 490 THRU 499

WRITING - 3 UNITS

1. ENGLISH 370 OR 372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**GENERAL SCIENCE-BROADFIELD PHYSICAL SCIENCE EMPHASIS (BSE)**

LICENSURE - 40 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM EDUC 400-496

## MAJOR - 58 CREDITS

1. PHYS 800-310 AND 800-410
2. SELECT 1 GROUP (PHYS 800-170, 800-172, 800-173, 800-174, 800-175) OR (PHYS 800-160, 800-161, 800-162, 800-163)
3. SELECT ELECTIVES FOR TOTAL OF 24 CRED FROM COURSES AT 300 OR 400 LEVEL
4. CHEM 640-252 OR 640-370
5. CHEM 640-102, 640-104, 640-251, 640-261 AND 640-352 AND SELECT 1 CRED FROM CHEMISTRY
6. SELECT 10 CRED FROM BIOLOGY
7. SELECT 10 CRED FROM EARTH SCIENCE
8. SELECT 1 CRED FROM PHYS 800-221 OR LAB COURSES NUMBERED 300 OR 400 LEVEL PHYS 800-221, 800-331, 800-355, 800-411 AND 800-413

## WRITING - 3 CREDITS

1. ENGL 680-370 OR 680-372 RLS

## **GENERAL SCIENCE-BROADFIELD PHYSICS EMPHASIS (BSE)**

## LICENSURE - 40 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
    - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-429
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. EDFD 423-212 AND 424-425
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM EDUC 900-496

## MAJOR - 58 CREDITS

1. PHYS 800-310 AND 800-410

2. SELECT 1 CRED FROM PHYS 800-221 OR LAB COURSES NUMBERED 300 OR 400 LEVEL PHYS 800-221, 800-331, 800-355, 800-411 AND 800-413
3. SELECT ELECTIVES FOR TOTAL OF 24 CRED FROM PHYSICS COURSES AT 300 OR 400 LEVEL
4. SELECT 14 CRED FROM BIOLOGY, CHEMISTRY OR EARTH SCIENCE (GEOL 616-100, 616-204, 616-205, 616-300, 616-301, 616-314 THRU 616-319, 616-490 THRU 616-498, GEOG 722-210, 722-310, 722-320, ASTR 805-112 OR ASTR 805-114) OR BIOL 630 OR CHEM 640 DEPTS
5. SELECT 10 CRED FROM EACH OF 2 SCIENCES NOT TAKEN PREVIOUSLY
6. SELECT 1 GROUP (PHYS 800-170, 800-172, 800-173, 800-174, 800-175) OR (PHYS 800-160, 800-161, 800-162, 800-163)

#### WRITING - 3 CREDITS

1. ENGL 680-370 OR 680-372 RLS

Earth science courses include: all courses in geology, physical geography, geomorphology, meteorology and climate, physiography, introductory astronomy, descriptive astronomy.

This major is designed to prepare broadly trained, versatile science teachers for maximum employment opportunities and cannot be completed with 120 credits. The actual number of credits for most students will be about 130 credits.

### **MINOR/EMPHASIS**

#### PHYSICS

#### MINOR - 24 CREDITS

1. PHYS 800-310 AND 800-410
2. SELECT 1 GROUP PHYS (800-170, 800-172, 800-173, 800-174, 800-175) OR (800-160, 800-161, 800-162, 800-163)
3. SELECT ELECTIVE CRED FROM PHYSICS TO TOTAL 24 CRED FROM COURSES AT 300 OR 400 LEVEL

#### PHYSICS EDUCATION EMPHASIS

#### MINOR - 24 CREDITS

1. PHYS 800-310 AND 800-410

SELECT 1 GROUP (PHYS 800-170, 800-172, 800-173, 800-174, 800-175) OR  
(PHYS 800-160, 800-161, 800-162, 800-163)

2. SELECT 1 CRED FROM PHYS 800-221 OR LAB COURSES NUMBERED 300 OR 400  
LEVEL PHYS 800-331, 800-355, 800-411, 800-413
3. SELECT ELECTIVES FOR TOTAL OF 24 CRED FROM COURSES AT 300 OR 400  
LEVEL

## PHYSICAL SCIENCE

### MINOR - 23 CREDITS

1. PHYS (800-160, 800-161, 800-162, 800-163) OR (800-170, 800-172, 800-173,  
800-174, 800-175)
2. SELECT ELECTIVES FOR TOTAL OF 23 CREDITS FROM: CHEM 640-251, 640-252,  
640-261, 640-262, 640-352, 640-456, MATH 760-243, 760-250, 760-253, PHYS  
800-221, 800-330, OR 800-331

### UNIQUE REQUIREMENT:

1. CHEM 640-102, 640-104 AND MATH 760-152

## PHYSICS COURSE DESCRIPTIONS

### **PHYSICS 100 ENERGY GL**

**4 cr**

An examination of energy; its nature, the forms in which it appears, its transformation, current and future sources, and energy issues faced by an informed electorate. Three one-hour lectures and one two-hour laboratory per week.

Coreq: MATH 140 or MATH 141.

### **PHYSICS 120 LIGHT AND COLOR**

**4 cr**

An introduction to light science for students in the visual arts and for students with an interest in art. The course includes the properties of light and color, the interaction of light with matter, the formation of visual images, and color vision. Three one-hour

lectures and one two-hour laboratory per week.  
Coreq: MATH 140 or MATH 141.

**PHYSICS 130 PHYSICS FOUNDATIONS      GL      5 cr**

This course will explore topics in classical physics (motion, heat, sound, electricity, magnetism, and light) and modern physics (atomic structure, quantum mechanics and relativity) with an emphasis on how the principles explain and predict phenomena we observe every day. Four one-hour lectures and one two-hour laboratory per week.  
Coreq: 760-141 or consent of instructor.  
Unreq: PHYSICS 210.

**PHYSICS 150 FROM EINSTEIN TO STAR TREK GM    3 u**

This introductory survey course will focus on areas of modern physics that are frequently discussed but often misunderstood. The theories of Einstein and other physicists will be used to examine science fiction devices such as time machines, warp drives, and mass transporters. Integrated throughout will be a discussion of what are science, science fiction, and pseudo-science. Not applicable toward any physics major or minor. Three hours of lecture a week.

**PHYSICS 160 GENERAL PHYSICS I              GL      4 cr**

A non-calculus course in general physics concerned with the philosophy, nature and methods as well as the fundamental concepts of physics. The content covers the basic principles of the nature and structure of matter, energy, mechanics and mechanical waves, emphasizing applications of physics to the life and health sciences. Four one-hour lectures per week. 800-160 and 800-161 together satisfy the 5 cr. lab science course requirement.  
Coreq: Math 760-152.  
Unreq: PHYSICS 170.

**PHYSICS 161 GENERAL PHYSICS LABORATORY I      GL      1 cr**

A laboratory course in general physics with experimental work in mechanics, heat and sound. This is the laboratory companion of course PHYSICS 160. One three-hour laboratory per week.  
Coreq: PHYSICS 160.  
Unreq: PHYSICS 173.

**PHYSICS 162 GENERAL PHYSICS II              GL      4 cr**

A non-calculus course in general physics concerned with the philosophy, nature and methods as well as the fundamental concepts of physics. The content covers the basic principles of electricity and magnetism, modern physics, light, and optics. Emphasizes applications of physics to the life and health sciences. Four one-hour lectures per

week.

Prereq: PHYSCS 160.

**PHYSCS 163 GENERAL PHYSICS LABORATORY II      GL      1 cr**

A laboratory in general physics with experiments in optics, electricity and magnetism and modern physics. This is the laboratory companion of PHYSCS162. One three-hour laboratory per week.

Coreq: PHYSCS 162.

Unreq: PHYSCS 175.

**PHYSCS 170 INTRODUCTORY PHYSICS I      GL      3 cr**

A lecture course in introductory physics concentrating on the area of mechanics, including kinematics and dynamics of translational and rotational motion, statics, harmonic motion, fluid mechanics and an introduction to relativistic mechanics. For majors and minors in physics, chemistry, mathematics and pre-engineering. Three one-hour lectures per week.

Coreq: MATH 152.

Unreq: PHYSCS 160.

**PHYSCS 172 INTRODUCTORY PHYSICS II      GL      3 cr**

A lecture course in introductory physics in which some calculus is used and concentrating on the areas of wave motion, sound, heat, thermodynamics and light. For majors and minors in physics, chemistry, mathematics and pre-engineering. Three one-hour lectures per week.

Prereq: PHYSCS 170.

Coreq: MATH 253.

**PHYSCS 173 INTRODUCTORY PHYSICS      GL      1 cr**  
**LABORATORY I**

A laboratory course in introductory physics concentrating on experiments in mechanics, sound, heat and thermodynamics. For majors and minors in physics, chemistry, mathematics and pre-engineering. One three-hour laboratory per week.

Coreq: PHYSCS 172.

Unreq: PHYSCS 161.

**PHYSCS 174 INTRODUCTORY PHYSICS III      GL      3 cr**

A lecture course in introductory physics in which calculus is used and concentration is on areas of electricity and magnetism, and modern physics. For majors and minors in physics, chemistry, mathematics and pre-engineering. Three one-hour lectures per week.

Prereq: PHYSCS 172.

Coreq: MATH 254.



**PHYSICS 175 INTRODUCTORY PHYSICS GL LABORATORY II 1 cr**

A laboratory course in introductory physics concentrating on experiments in light, electricity and magnetism and modern physics. For majors and minors of physics, chemistry, mathematics and pre-engineering. One three-hour laboratory per week.

Coreq: PHYSICS 174.

Unreq: PHYSICS 163.

**PHYSICS 210 DESCRIPTIVE PHYSICS GM 3 cr**

An introduction to physics in a course designed for K-8 education students and open to all education majors. Topics covered include motion, energy, light, heat, electricity and magnetism. Two seventy-five minute lecture-activity periods per week.

Coreq: MATH 141 or consent of instructor.

Unreq: PHYSICS 130.

**PHYSICS 221 INTERMEDIATE LABORATORY 2 cr**

A laboratory course concentrating on techniques of recording, interpretation of, and reporting experimental data. Extensive use will be made of computers in data processing. Topics covered include data acquisition and the recording of data, error analysis, numerical analysis, graphing techniques, computational tools and report writing. Two two-hour laboratories per week.

Prereq: PHYSICS 174 and PHYSICS 175 or PHYSICS 162 and PHYSICS 163 and COMPSI 171.

**PHYSICS 240 PHYSICS OF SOUND AND MUSIC GM 3 cr**

A descriptive course that deals with various properties of sound, the generation of sound by traditional musical instruments and the electronic production and reproduction of sound. The physical process of hearing and the acoustical properties of rooms are also included. Three one-hour lecture periods per week.

**PHYSICS 280 ENGINEERING MECHANICS: STATICS 3 cr**

A study of forces on rigid bodies in equilibrium. Topics include force systems, equilibrium, distributed forces, structures, friction, internal forces, centroids and moments of inertia. This course is designed for pre-engineering students and will not ordinarily be taken by physics majors or minors. Three one-hour lectures per week.

Prereq: PHYSICS 170, MATH 253 or con reg in MATH 253.

**PHYSICS 282 ENGINEERING MECHANICS: DYNAMICS 3 cr**

A study of the action of forces in producing or modifying the motion of rigid bodies. Topics covered include motion, force-mass-acceleration relations, energy, momentum and vibrations. This course is designed for pre-engineering students and will not ordinarily be taken by physics majors or minors. Three one-hour lectures per week.

Prereq: PHYSICS 280, MATH 254 or con reg in MATH 254.

**PHYSICS 303/503 MICROPROCESSOR LABORATORY 2 cr**

Laboratory experience in microprocessor addressing, digital logic circuits, microcomputer input and output techniques, digital to analog and analog to digital interfacing and device control by microcomputers. This course will not satisfy the laboratory work requirements for the physics major; the credit will count toward the major.

Prereq: Either (a) PHYSICS 175 (or PHYSICS 163) and COMPSCI 171 or (b) concurrent registration in COMPSCI 302/502 or (c) graduate student with computer programming experience.

**PHYSICS 310 MECHANICS I 3 cr**

A study of classical mechanics. Topics to be covered will include vector calculus techniques, dynamics of particles and systems and central force systems. Required of all majors and minors in physics. Three one-hour lectures per week.

Prereq: PHYSICS 174 and PHYSICS 175 or PHYSICS 162 and PHYSICS 163 and MATH 254.

**PHYSICS 320 ELECTRICITY AND MAGNETISM I 3 cr**

A study of static electric and magnetic fields, with an introduction to electrodynamics and Maxwell's equations. Topics include the electric field, electric potential, magnetic field, magnetic vector potential, and fields in linear materials.

Prereq: PHYSICS 174 and PHYSICS 175 or PHYSICS 162 and PHYSICS 163 and MATH 254.

**PHYSICS 322 ELECTRICITY AND MAGNETISM II 3 cr**

A study of electrodynamics. Topics include magnetic induction, Maxwell's equations, electromagnetic waves, and dipole radiation. Three one-hour lectures per week.

Prereq: PHYSICS 320.

**PHYSICS 330 ANALOG AND DIGITAL ELECTRONICS 3 cr**

An introductory course in electronics with emphasis on solid state devices, diode and amplifier circuits, waveform generation, operational amplifiers, digital circuitry and microcomputer applications to physical measurement. Three one-hour lectures per week.

Prereq: PHYSICS 174 and PHYSICS 175 or PHYSICS 162 and PHYSICS 163.

**PHYSICS 331 ANALOG AND DIGITAL ELECTRONICS LABORATORY 1 cr**

A laboratory course in electronics with emphasis on solid state devices, diode and amplifier circuits, waveform generation, analog computer circuitry, digital circuitry and microcomputer applications to physical measurement. One two-hour laboratory

per week.

Prereq: PHYSICS 330 or con reg in PHYSICS 330.

**PHYSICS 354 OPTICS            3 cr**

A study of geometrical and physical optics beginning with a mathematical treatment of light waves and their interaction with materials. Topics also include interference, diffraction, spectroscopy and spectroscopic instruments, polarization, light sources and detectors, lasers, holography, and some topics in modern optics. Three one-hour lectures per week.

Prereq: PHYSICS 174, PHYSICS 175 or PHYSICS 162 and PHYSICS 163 and MATH 254.

**PHYSICS 355 OPTICS LABORATORY    1 cr**

Experimental work in optics with emphasis on dispersion, refraction, absorption, interference, diffraction and polarization. One two-hour laboratory per week.

Coreq: PHYSICS 354.

**PHYSICS 364 THERMODYNAMICS AND KINETIC THEORY    3 cr**

A study of the thermodynamic systems equations of state, work, first, second and third laws of thermodynamics, the combined first and second laws and applications. Three one-hour lectures per week.

Prereq: PHYSICS 174/PHYSICS 175 or PHYSICS 162/PHYSICS 163 and MATH 254.

**PHYSICS 410/610 MODERN PHYSICS I            3 cr**

A study of twentieth century physics. Topics covered include relativity, elementary quantum physics, atomic structure, elementary nuclear physics and fundamental particles. Three one-hour lectures per week.

Prereq: PHYSICS 174/PHYSICS 175 or PHYSICS 162/PHYSICS 163 and MATH 254.

**PHYSICS 411/611 MODERN PHYSICS LABORATORY I    1 cr**

A laboratory course in modern physics. The experiments performed in this course complement the lectures of Modern Physics I. It is recommended that this course be taken concurrently with Modern Physics I. One two-hour laboratory per week.

Prereq: PHYSICS 410 or con reg or cons instr.

**PHYSICS 412/612 MODERN PHYSICS II        3 cr**

A continuation of Modern Physics I. Topics covered include statistical mechanics, atomic and molecular spectra, x-ray spectra, physics of the solid state and nuclear physics. Three one-hour lectures per week.

Prereq: PHYSICS 410.

**PHYSICS 413 MODERN PHYSICS LABORATORY II 1 cr**

A laboratory course in modern physics. The experiments performed in this course complement the lectures of Modern Physics II. It is recommended that this course be taken concurrently with Modern Physics II. One two-hour laboratory per week.

Prereq: PHYSICS 412 or concurrent registration or consent of instructor.

**PHYSICS 489 PHYSICS SENIOR SEMINAR 2 u**

The course will train students in making scientific presentations, summarize the concepts and methods taught in the physics major curriculum, and prepare them for the Physics Major Field Test as the final exam in the course. Students will become familiar with physics literature and learn to write abstracts and project proposals. They will demonstrate proper methods of verbal and visual presentation by delivering a graded series of talks, concluding with a satisfactory colloquium on a physics topic. Two one-hour sessions a week.

Prereq: Students must possess senior-level standing in the major to receive credit for participation. Students with less than senior standing are encouraged to attend in preparation for full participation when they become seniors.

**PHYSICS 490/690 PHYSICS WORKSHOP 1-8 cr**

Repeatable for a maximum of 3 credits in major or minor in physics.

**PHYSICS 491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**PHYSICS 493 PHYSICS COOPERATIVE EDUCATION 1 cr**

The course gives the student an opportunity to intersperse full time study with full time employment. The student will be interviewed by a potential employer identified by the Physics Department. If accepted as an employee, the student may work from one to four terms. A work term is defined as a semester or a summer of employment. No more than two credits may be counted towards the Physics Major. A written report is required.

Prereq: 800-173 and 600-099 and a declared Physics/Industry major.

**PHYSICS 494 PHYSICS SEMINAR 1 cr**

Repeatable.

Prereq: Senior standing and consent of instructor.

**PHYSICS 496/696 SPECIAL STUDIES 1-10 cr**

Repeatable for a maximum of 3 credits in major or minor in physics.

Prereq: Physics major or minor, junior or senior standing and consent of instructor.

### **PHYSCS 498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 3 credits in major or minor in physics. Prereq: Jr or sr st and cons dept chp.

## **805 COURSE DESCRIPTIONS**

### **805-112 INTRODUCTION TO ASTRONOMY GL 5 cr**

An examination of concepts regarding the organization of the universe. The solar system, astronomical principles and instruments, stellar evolution and galaxies are among topics covered. Activities include field trips, observations of the night sky and of the sun with telescopes, and laboratory work. Four one-hour lectures and one two-hour laboratory/observation period per week. There are two required evening observation sessions during the semester.

Coreq: 760-141 or consent of instructor.

Unreq: 805-114.

### **805-114 DESCRIPTIVE ASTRONOMY GM 3 cr**

A non-laboratory course that introduces the basic aspects of astronomy, including cultural and historical considerations. The study of galaxies, stars, as well as our solar system is included. Observational activities and field trips may be included as integral parts of the course. Three one-hour lectures per week.

Coreq: 760-141 or consent of instructor.

Unreq: 805-112.

### **805-350/550 ASTROPHOTOGRAPHY FOR THE AMATEUR 3 cr**

This course is designed for people interested in combining astronomy with photography through the media of telescope and camera. Techniques for photographing astronomical objects are presented in an activity-oriented format. Darkroom procedures for processing color slides, black/white and color prints are also included. Does not count toward physics major/minor.

### **805-430/630 ASTRONOMY FOR TEACHERS 3 cr**

An individualized course intended for K-12 teachers with limited astronomy background. Subject matter covered will depend on the needs and interests of the students. Each student does experimental or observational projects which are presented at the end of the course as a paper in a seminar. This course may not count toward physics major or minor.

### **805-490/690 ASTRONOMY WORKSHOP 1-5 cr**

Repeatable.

Prereq: Consent of instructor.

### **805-498 INDEPENDENT STUDY 1-3 cr**

Repeatable.

Prereq: Cons instr.

## **DEPARTMENT OF POLITICAL SCIENCE**

*Phone:* 262-472-1120

*E-Mail:* polsci@uwwvax.uww.edu

*Faculty:* Paul Adogamhe, Charles Cottle, Zohreh Ghavamshahidi, Kenneth Glaudell, Anne Hamilton, Craig Heatwole, Robert Heidorn, Susan Johnson, John F. Kozlowski (Chairperson), Xia Lollar, Farhad Malekafzali, Paula Mohan, John Valadez.

Students who major or minor in political science or minor in public administration at UW-Whitewater are offered a comprehensive course of study, emerging from the awareness that governmental policy and policy-making are of paramount importance for the life we lead. The political science program at UW-W concentrates on providing students with a basic understanding of contemporary government, policy-making, and politics. An internship program which provides students a unique opportunity to blend this theory with practice is also available. Internship possibilities include work with a legislator, on the campaign staff of a candidate for public office, a law office, or in a governmental agency. While most students intern in Wisconsin, there is also a program based in Washington, D.C. through the Washington Center to provide students with opportunities to view the national political process in action. Students should be aware of the intimate relationship between the political process and the world of business. For those interested, a liberal arts political science program combined with a professional minor might prove useful.

Also available is an interdisciplinary major in Public Policy and Administration which provides comprehensive preparation for careers in government and in government-related organizations in the private sector. This major is sponsored jointly with the Department of Management.

### **MAJORS/EMPHASES**

Minimum requirements for transfer students: Major: At least 12 credit hours of work earned for a political science major shall be taken at UW-Whitewater. Determination

of areas of political science in which these credit hours shall be taken shall be made by the chair at the time of declaration of the major. Minor: At least 6 credit hours of the work earned for a political science minor shall be taken at UW-Whitewater. Determination of areas of political science in which these credit hours shall be taken shall be made by the chair at the time of declaration of the minor.

Departmental policy requires each major to attend at least three public lectures or programs each academic year.

**Internship in Political Science:** To provide students with the opportunity for practical field experience in various aspects of political life, the department offers an internship in political science. Credit may be earned while working in campaigns, legislative offices, or in administrative positions at all levels of government. Internship is normally taken in the student's junior or senior year. Consent of the Chair and the faculty member directing the internship is required.

**Honors in Political Science:** For honors in political science, at the end of the senior year students must have a grade point average of 3.50 in all political science courses including 820-488 and 820-499. They must apply for honors in political science with their adviser and the departmental chairperson in the spring of the junior year. At the time of application they must show a grade-point average of 3.25 or better and at least 21 credit hours in political science either completed or to be completed during the current semester.

**Career Options:** There are several potential options which a person interested in political science may follow. Students may wish to plan their programs with certain career objectives in mind. Among the options recommended are the following:

I. **Public Employment Option—Plan A:** Major in political science with a minor in public administration—**Plan B:** Major in political science with emphasis in public administration.

II. **Law Option—Plan A:** Major in political science with a minor in a related discipline—**Plan B:** A major in political science and an individualized minor composed of law related courses.

III. **International Employment Option—Plan A:** Major in political science with an emphasis in comparative and international politics—**Plan B:** Double major in international studies and political science.

IV. Government and Business Option—Plan A: Major in political science and a minor in a related discipline—Plan B: A major in political science and an individualized/professional minor. Interested students should check with their adviser or the department for recommended courses for each of these options.

Areas of Political Science. The department curriculum is divided into 5 basic areas. This is intended to provide a sound and balanced acquaintance with political science. Majors and minors are expected to meet the appropriate area requirements.

The areas are:

- I. American Government—courses: 820-315, 820 317, 820 318, 820-319, 820 344, 820 346, 820 357, 820 413, 820 414, 820 415, 820 419, 820 446.
- II. Public Policy & Administration—courses: 820 316, 820 320, 820 330, 820 421, 820 430, 820 440, 820 489.
- III. Comparative Government—courses: 820 352, 820 460, 820 461, 820 471.
- IV. International Relations—courses: 820 350, 820 351, 820 457.
- V. Political Theory—courses: 820 411, 820 412, 820 420.

## **POLITICAL SCIENCE (BA/BS)**

MAJOR - 33 CREDITS

1. PSCI 820-141 AND 820-301
2. SELECT 3 CRED FROM COURSES AREA 1-AMER GOVMT PSCI 820-315, 820-317, 820-318, 820-319, 820-344, 820-346, 820-357, 820-413, 820-414, 820-415, 820-419 AND 820-446
3. SELECT 3 CRED FROM COURSES AREA 2-PUB POLICY & ADMIN PSCI 820-316, 820-320, 820-330, 820-421, 820-430, 820-440 AND 820-489
4. SELECT 3 CRED FROM COURSES AREA 3-COMPARATIVE GOVERNMENT PSCI 820-352, 820-460, 820-461, 820-471 AND 820-472
5. SELECT 3 CRED FROM COURSES AREA 4-INTERNATNL RELATIONS PSCI 820-340, 820-350, 820-351, 820-377, 820-442/642, 820-457 AND 820-463
6. SELECT 3 CRED FROM COURSES AREA 5-POL THEORY PSCI 820-365, 820-411, 820-412 OR 820-420
7. SELECT 6 ELECTIVE 300 OR 400 LEVEL UNITS FROM THE DEPARTMENT OF POLITICAL SCIENCE
8. SELECT 6 ELECTIVE CRED FROM THE POLITICAL SCIENCE DEPARTMENT EXCLUDING 900-140



9. COMPLETE SIGNIFICANT WRITING IN ADVANCED COURSE WITH VERIFICATION BY INSTRUCTOR.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **POLITICAL SCIENCE (BSE)**

LICENSURE - 42-43 CREDITS

1. C&I 437-430 AND 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. SELECT 3 CREDITS FROM COURSE C&I 439-492
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 34 CREDITS

1. PSCI 820-141 AND 820-301
2. SELECT 3 CRED FROM COURSES AREA 1-AMER GOVMT PSCI 820-315, 820-317, 820-318, 820-319, 820-344, 820-346 820-357, 820-413, 820-414, 820-415, 820-419 AND 820-446
3. SELECT 3 CRED FROM COURSES AREA 2-PUB POLICY & ADMIN PSCI 820-316, 820-320, 820-330, 820-421, 820-430, 820-440 AND 820-489
4. SELECT 3 CRED FROM COURSES AREA 3-COMPARATIVE GOVERNMENT PSCI 820-352, 820-460, 820-461, 820-471 AND 820-472
5. SELECT 3 CRED FROM COURSES AREA 4-INTERNATNL RELATIONS PSCI 820-340, 820-350, 820-351, 820-377, 820-442/662, 820-457 AND 820-463
6. SELECT 3 CRED FROM COURSES AREA 5-POL THEORY PSCI 820-365, 820-411, 820-412 OR 820-420
7. SELECT 13 ELECTIVE CREDITS FROM THE POLITICAL SCIENCE DEPT EXCLUDING 900-140
8. SELECT 20 CREDITS FROM AT LEAST 2 DEPTS: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, PSYCHOLOGY AND SOCIOLOGY

9. COMPLETE SIGNIFICANT WRITING IN ADVANCED COURSE WITH VERIFICATION BY INSTRUCTOR.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **SOCIAL STUDIES-BROADFIELD POLITICAL SCIENCE I EMPHASIS (BSE)**

LICENSURE - 42-43 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 54 CREDITS

1. PSCI 820-141 AND 820-301
2. SELECT 3 CRED FROM COURSES AREA 1-AMER GOVMT PSCI 820-315, 820-317, 820-318, 820-319, 820-344, 820-346, 820-357, 820-413, 820-414, 820-415, 820-419 AND 820-446
3. SELECT 3 CRED FROM COURSES AREA 2-PUB POLICY & ADMIN PSCI 820-316, 820-320, 820-330, 820-421, 820-430, 820-440 AND 820-489
4. SELECT 3 CRED FROM COURSES AREA 3-COMPARATIVE GOVERNMENT PSCI 820-352, 820-460, 820-461, 820-471 AND 820-472
5. SELECT 3 CRED FROM COURSES AREA 4-INTERNATNL RELATIONS PSCI 820-340, 820-350, 820-351, 820-377, 820-442/662, 820-457 AND 820-463
6. SELECT 3 CRED FROM COURSES AREA 5-POL THEORY PSCI 820-365, 820-411, 820-412 OR 820-420
7. SELECT 13 ELECTIVE CREDITS FROM THE POLITICAL SCIENCE DEPARTMENT EXCLUDING 900-140

8. SELECT 20 CRED FROM AT LEAST 2 DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, PSYCHOLOGY AND SOCIOLOGY
9. COMPLETE SIGNIFICANT WRITING IN ADVANCED

COURSE WITH VERIFICATION BY INSTRUCTOR

## **SOCIAL STUDIES-BROADFIELD POLITICAL SCIENCE II EMPHASIS (BSE)**

LICENSURE - 42-43 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 54 CREDITS

1. PSCI 820-141
2. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:

GROUP 1: PSCI 820-315, 820-317, 820-318, 820-319, 820-344, 820-346, 820-357, 820-413, 820-414, 820-415, 820-419, 820-446

GROUP 2: PSCI 820-316, 820-320, 820-330, 820-421, 820-430, 820-440, 820-489

GROUP 3: PSCI 820-352, 820-460, 820-461, 820-471, 820-472

GROUP 4: PSCI 820-340, 820-350, 820-351, 820-377, 820-442/662, 820-457, 820-463

GROUP 5: PSCI 820-365, 820-411, 820-412, 820-420

3. SELECT 10 ELECTIVE CREDITS FROM THE POLITICAL SCIENCE DEPARTMENT EXCLUDING 900-140
4. SELECT 32 CRED FROM AT LEAST 3 DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, PSYCHOLOGY AND SOCIOLOGY
5. COMPLETE SIGNIFICANT WRITING IN ADVANCED

COURSE WITH VERIFICATION BY INSTRUCTOR.

## **MINORS/EMPHASES**

### **LEGAL STUDIES**

MINOR - 25 CREDITS

1. PSCI 820-360, 820-493, PSCI 820-498 OR FNLW 240-498, PSCI 820-419, FNLW 240-341
2. SELECT 2 COURSES FROM: PSCI 820-413, 820-414, 820-415
3. SELECT 2 COURSES FROM: FNLW 240-342, 240-348, 240-442, 240-443, 240-455

### **POLITICAL SCIENCE**

MINOR - 21 CREDITS

1. PSCI 820-141
2. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:

GROUP 1: PSCI 820-315, 820-317, 820-318, 820-319, 820-344, 820-346, 820-357, 820-413, 820-414, 820-415, 820-419, 820-446

GROUP 2: PSCI 820-316, 820-320, 820-330, 820-421, 820-430, 820-440, 820-489

GROUP 3: PSCI 820-352, 820-380, 820-460, 820-461, 820-471, 820-472

GROUP 4: PSCI 820-340, 820-350, 820-351, 820-377, 820-457, 820-463

GROUP 5: PSCI 820-365, 820-411, 820-412, 820-420

3. SELECT 9 ELECTIVE POLITICAL SCIENCE CREDITS EXCEPT 900-140

### **POLITICAL SCIENCE EDUCATION EMPHASIS**

## MINOR - 22 CREDITS

1. PSCI 820-141
2. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:

GROUP 1: PSCI 820-315, 820-317, 820-318, 820-319, 820-344, 820-346, 820-357, 820-413, 820-414, 820-415, 820-419, 820-446

GROUP 2: PSCI 820-316, 820-320, 820-330, 820-421, 820-430, 820-440, 820-489

GROUP 3: PSCI 820-352, 820-460, 820-461, 820-471

GROUP 4: PSCI 820-340, 820-350, 820-351, 820-377, 820-457

GROUP 5: PSCI 820-365, 820-411, 820-412, 820-420

3. SELECT 10 ELECTIVE CREDITS FROM THE POLITICAL SCIENCE DEPARTMENT EXCLUDING 900-140

## CRIMINAL JUSTICE

Ron Berger, Coordinator

The Criminal Justice Minor is an interdisciplinary field of study that integrates career-development goals with a liberal arts curriculum. The Minor consists primarily of social and behavioral science courses that will enhance students' understanding of the nature and causes of criminal and delinquent behavior and the operation of the criminal justice system in the United States. It will help prepare students to pursue careers in law enforcement (local, state, and federal), adult and juvenile probation and parole, correctional counseling and group home work, private security, and criminal justice research.

## MINOR - 24 CREDITS

1. SELECT 5 COURSES FROM: GROUP 1: SOC 880-276, 880-325, 880-370, 880-374, 880-378

GROUP 2: PSCI 820-316, 820-415, 820-419

GROUP 3: SOCW 860-235

GROUP 4: SFTY 460-255

2. SELECT 3 COURSES FROM (CANNOT COUNT BOTH 880-355 & 840-355; COURSES CREDITED TOWARD AREA 1 CANNOT BE CREDITED TOWARD AREA 2): GROUP 1: SOC 880-276, 880-325, 880-352, 880-355, 880- 370, 880-374, 880-378, 880-451, 880-459

GROUP 2: PSCI 820-316, 820-320, 820-414, 820-415, 820-419, 820-421, 820-462

GROUP 3: SOCW 860-102, 860-235, 860-311, 860-380

GROUP 4: SFTY 460-255

GROUP 5: PSYC 840-304, 840-331, 840-332, 840-345, 840-355, 840-446, 840-486

GROUP 6: SPCH 166-228, 166-244, 166-328, 166-424

3. NO MORE THAN 12 CREDITS FROM ANY ONE DEPARTMENT MAY BE USED IN THIS MINOR.

## PUBLIC ADMINISTRATION

The purpose of this program is to provide students interested in public service the possibility to do undergraduate study in the field as preparation for possible careers in government. The program is composed of courses offered in several departments to give direction and emphasis in the area of Public Administration.

## MINOR - 22 CREDITS

1. PSCI 820-141, 820-320, 820-489 AND MGNT 250-211
2. SELECT 10 CRED FROM COURSES PSCI 820-330, 820-356, 820-421, 820-430, 820-440, 820-446, ACTG 210-244, 230-356, FNLW 240-348, MKTG 260-436, SOC 880-250, 880-352 OR A COURSE APPROVED BY THE CHAIRPERSON OF THE POLITICAL SCIENCE DEPT

Social Studies minor in elementary education curriculum: See L&S Interdepartmental section.

## PROGRAM OF PUBLIC POLICY AND ADMINISTRATION

Susan Johnson Coordinator

The University offers an opportunity for students to earn a Bachelor of Science degree with a major in Public Policy and Administration. The major is designed to prepare students for careers in local, state, or national governments, and in businesses and other organizations in the private sector which work closely with government. The major is sponsored jointly by the Political Science Department in the College of Letters and Sciences and the Management Department in the College of Business and Economics. The courses in the major are offered by these two departments and by several other departments in the two Colleges, providing broad interdisciplinary preparation for the student.

## MAJOR

### **PUBLIC POLICY AND ADMINISTRATION (BS)**

#### MAJOR - 60 CREDITS

1. ACTG 210-244, ECON 230-212, MGNT 250-211, PSYC 840-211
2. MATH 760-231 OR PSYC 840-215
3. MGNT 250-301, 250-480, PSCI 820-344, 820-320 AND 820-330
4. PSCI 820-489
5. SELECT 3 - 12 CRED FROM COURSE PSCI 820-493 IN CONSULTATION WITH ADVISER. A 2.25 COMBINED UW-W & TRANSFER GPA IS REQUIRED TO TAKE THE COURSE.
6. IN CONSULTATION WITH ADVISER SELECT 0-9 CREDITS OF ELECTIVES IN LIBERAL ARTS OR BUSINESS COURSES
7. IN CONSULTATION WITH AN ADVISER SELECT A 15 CREDIT CONCENTRATION FROM PUBLIC POLICY, GENERAL MANAGEMENT, PERSONNEL, POLICE AND CRIMINAL JUSTICE ADMINISTRATION, PLANNING AND BUDGET ADMINISTRATION, URBAN AFFAIRS, AND LEGAL AFFAIRS; OR AN INDIVIDUALIZED PLAN.

#### WRITING REQUIREMENT - 3 CREDITS

1. SELECT 1 COURSE FROM B ED 220-353, ENGL 680-370, 680-372, PSCI 820-300 RLS

\*General Studies Recommendations: 820-141 American Government and Politics, 230-211 Economic Principles, 760-143 Finite Math for Business and Social Sciences or 760-152 Elementary Functions.

Overall G.P.A. of 2.25 or higher is required to take 820-493 and to graduate. No more than 3 Economics and 10 Business courses may be taken. Courses applied toward General Studies cannot be used for major or liberal arts requirements. A minor is not required.

## CERTIFICATION

### PARALEGAL CERTIFICATE

John Kozlowicz (Coordinator)

### CERTIFICATE - 19 CREDITS

1. PSCI 820-360, 820-493, PSCI 820-498 OR FNLW 240-498
2. SELECT 2 COURSES FROM PSCI 820-413, 820-414, 820-415, 820-419
3. SELECT 2 COURSES FROM FNLW 240-341, 240-342, 240-348, 240-442, 240-443, 240-455

## 820 COURSE DESCRIPTIONS

### **820-141 AMERICAN GOVERNMENT AND POLITICS GS 3 cr**

An introductory course covering the history, structure and functioning of American national government and its relation to state and local government.

### **820-217 ETHNIC POLITICS GS/Diversity 3 cr**

The central concern of this course is to provide the student an awareness of the political development of racial and ethnic minorities in today's political arena. It will compare and contrast the development of the white ethnic communities of the 19th and 20th centuries with our modern day racial and ethnic minorities. (Offered jointly with race & ethnic cultures).

Unreq: 820-247, 850-217, 610-217

### **820-247 ISSUES AND CRISES IN AMERICAN POLITICS GS 3 cr**

An examination of selected major issues and crises confronting the American political system today. Both domestic and foreign policy issues are analyzed. Attention also will be given the political response to these issues and crises as reflected in recent policies and policy proposals of the national government.

Repeatable one time (different topic) for a maximum of 6 credits in major/degree, but not repeatable for general studies credit.



**820-250 INTRODUCTION TO POLITICAL THEORY GS 3 cr**

An introduction to Western political thought, the role of ideology in politics, and perennial questions in political philosophy.

**820-255 INTRODUCTION TO COMPARATIVE POLITICS GS 3 cr**

This course compares the political systems of five or six countries, reflecting the range of political institutions and political behavior around the world. Students will learn to develop explanations for similarities and differences in the political life of countries around the world, e.g. why are some countries democratic and others authoritarian?

**GENERAL STUDIES/PREREQUISITES**

The above courses are offered by the department as its contribution to General Studies. Unless otherwise indicated, any of the above will satisfy the prerequisite for the following advanced courses in political science.

**820-301/501 POLITICAL SCIENCE RESEARCH METHODS 3 cr**

An introduction to basic research methods in political science. Topics will include various data collection and analysis techniques on the U.S. Presidency, the U.S. Congress, the U.S. Supreme Court, political socialization, political parties, interest groups, civil violence, rebellion, and revolution. Students will obtain "hands-on" experience with computer software designed specifically for political science and the social sciences. This is not a statistics course, and no previous knowledge of statistical methods is assumed.

Prereq: Three units of political science.

**820-315/515 WOMEN AND AMERICAN POLITICS (AREA I COURSE) 3 cr**

This course is designed to acquaint the student with the roles of women in political life. Topics include effective civic participation, women's issues and the women's movement.

Prereq: Three units of political science.

**820-316/516 POLICE AND CRIMINAL JUSTICE ADMINISTRATION (AREA II COURSE) 3 cr**

This course examines the administrative process within the criminal justice setting. Both administrative theories and principles as well as applications to the criminal justice system will be covered.

Prereq: Three units of political science.

**820-317/517 THE AMERICAN LEGISLATIVE PROCESS (AREA I COURSE) 3 cr**

The study of the organization and functioning of the legislative bodies, with particular

attention to Congress: functions, membership, committee system, executive-legislative relations, pressure groups, lobbying, movement for reform.

Prereq: Three units of political science.

**820-318/518 THE AMERICAN PRESIDENCY (AREA I COURSE) 3 cr**

Analysis and discussion of the various roles of the President regarding his constitutional status and powers, nomination and election, administrative responsibilities, legislative and political leadership, and his role in the conduct of foreign relations.

Prereq: Three units of political science.

**820-319/519 AMERICAN POLITICAL PARTIES AND ELECTIONS (AREA 1 COURSE) 3 cr**

The study of American political parties and elections has produced a considerable body of literature that seeks to investigate, analyze, and explain why institutions and individuals behave politically in the manner that they do. In this course we will draw on some of this literature as a means of understanding the current political environment.

Prereq: Three units of political science.

**820-320/520 PUBLIC POLICY AND ADMINISTRATION (AREA II COURSE) 3 cr**

A course to introduce students to the concepts and problems of public policy and administration. Emphasis will be given to the role played by individuals and groups in large organizations; theories of organization will be set forth and operations of governmental administrative agencies in the political world will be examined.

Prereq: Three units of political science.

**820-330/530 PUBLIC POLICY ANALYSIS (AREA II COURSE) 3 cr**

A systematic introduction to the study of public policy issues through a public policy/issue analysis and problem solving approach. It will also examine and explore other analytical models and approaches in the study of public problems and policy issues.

Prereq: Three units of political science.

**820-344/544 STATE AND LOCAL GOVERNMENT (AREA I COURSE) 3 cr**

A study of modern American state and local governments, their evolution from colonial beginnings, their problems and their potential. Topics include constitutional revision, the role of governors, legislatures and courts, forms of urban and rural government, and state-local relations.

Prereq: Three units of political science.

**820-350 INTERNATIONAL LAW (AREA IV COURSE) 3 cr**

A study of international law, its sources, development and content. Selected readings on theory, and form decisions and opinions of the Permanent Court of International Justice and the International Court of Justice.

Prereq: Three units in political science.

**820-351 INTERNATIONAL RELATIONS (AREA IV COURSE) 3 cr**

An introductory survey of political relations among nation-states, including the topics of war and peace, nationalism, elements of national power, conventional and nuclear weaponry, diplomacy, economic interdependence, the Third World, and international and regional organizations.

Prereq: Three units of political science.

**820-352 COMPARATIVE GOVERNMENT-EUROPE 3 cr  
(AREA III COURSE)**

Comparative analysis of politics in contemporary Europe. Topics covered include the political institutions and political cultures of major states in Europe, nationalism and regionalism in Europe, and the institutions of the European Union.

Prereq: Three units of political science.

**820-356 POLITICAL SOCIOLOGY 3 cr**

An analysis of the impact of social cleavages and cohesion on the operation of political institutions; the composition and behavior of power elites; the social base of political power; the social functions of electoral behavior.

Prereq: Three units of political science. Unreq: 880-356.

**820-357/557 PUBLIC OPINION AND POLITICAL BEHAVIOR (AREA I COURSE) 3 cr**

An examination of public opinion in the United States as it concerns political and social behavior. Major topics are the acquisition of beliefs, leadership and opinion formation, voting behavior, and propaganda.

Prereq: Three units of political science.

**820-360/560 RESOURCES FOR LEGAL RESEARCH 1 cr**

A course to acquaint students with the major resource materials for the study of law and the legal process with an emphasis on library assignments utilizing the various resources of the UW-Whitewater legal collection.

Prereq: Three units of political science.

**820-365 BLACK POLITICAL AND SOCIAL THOUGHT Diversity 3 cr**

This course will utilize a Pan-African approach to provide an organized and systematic pattern of social and political ideologies/thought put forth by Black

publicists and theorists concerning the organization of their society. As such, it will survey the principal personalities and major protest movements that have emerged in the Diaspora African Community, as well as pay special attention to selected African ideologies and personalities involved in shaping Black political and social thought. Prereq: 614-100 or 820-141 or 610/820-217 or 820-250.

**820-411/611 MODERN POLITICAL THOUGHT (AREA V COURSE) 3 cr**

An introduction to the principal political concepts and ideas of the modern period, including the writings of Machiavelli, Luther, Calvin, Locke, Hobbes, Rousseau, Hegel, Burke and others.

Prereq: Three units of political science.

**820-412/612 CONTEMPORARY POLITICAL THOUGHT (AREA V COURSE) 3 cr**

A study in depth of certain selected topics of contemporary importance, such as the resolution of power conflicts, the theory and practice of nonviolence, and the existentialist dilemma.

Prereq: Three units of political science.

**820-413/613 CONSTITUTIONAL LAW (AREA I COURSE) 3 cr**

A study of judicial review, its meaning and nature. The development of constitutional relationships between the national government and the states as well as among the branches of the national government is considered.

Prereq: Three units of political science.

**820-414/614 THE CONSTITUTION AND CIVIL LIBERTIES (AREA I COURSE) 3 cr**

A course focusing on the constitutional development of equal protection and of the rights and freedoms of individuals and the limitations upon the powers of government, both state and national.

Prereq: Three units of political science.

**820-415/615 CRIMINAL JUSTICE AND THE CONSTITUTION (AREA I COURSE) 3 cr**

This course examines the role of the major participants in the criminal justice system—defendants, police, prosecutions, courts, and corrections—and the development of constitutional law regulating their behavior.

Prereq: Three units of political science.

**820-419/619 THE JUDICIAL PROCESS 3 cr (AREA I COURSE)**

A study of the American judicial system as a part of the larger framework of the political, social and economic systems of the nation. Emphasis will be on topics such

as the judicial role, judicial organization and jurisdiction, judicial power, and the decisional process rather than legal cases.

Prereq: Three units of political science.

**820-420/620 AMERICAN POLITICAL THOUGHT (AREA V COURSE) 3 cr**

A study of the fundamental political ideas of America and the political philosophers who espoused them from colonial times to the present.

Prereq: Three units of political science.

**820-421/621 PUBLIC PERSONNEL ADMINISTRATION (AREA II COURSE)**

**3 cr**

A critical study of problems of public personnel, with particular emphasis on the process of recruiting and managing people in the public services.

Prereq: Three units of political science.

**820-430/630 FORMATION OF PUBLIC POLICY (AREA II COURSE) 3 cr**

This course will examine the major public policy problems facing the United States today and the political processes seeking to resolve these problems. Special emphasis to be given to governmental cooperation in seeking to resolve these problems. An additional research paper will be required for the graduate students.

Prereq: Three units of political science.

**820-440/640 THE POLITICS OF GOVERNMENT BUDGETING (AREA II COURSE) 3 cr**

A course designed to introduce the students to the study of criteria for what services or functions should be undertaken by government and in what amounts; analyzing the effects that government spending and taxes have on the behavior of the private sector of the economy and on the political system, and evaluating the problems and solutions for allocating tax burden equitably among different groups in the society.

Prereq: Three units of political science.

**820-446/646 POLITICS OF THE METROPOLIS (AREA I COURSE) 3 cr**

A treatment of social, economic and political forms, structures, processes and behavior in metropolitan communities. Ideas concerning the power structure and decision-making process, the role of the citizen, and the complex whole of metropolitan life will be discussed.

Prereq: Three units of political science.

**820-457/657 AMERICAN FOREIGN POLICY (AREA IV COURSE) 3 cr**

An analysis of the forces and institutions involved in the establishment of American foreign policies. Emphasis is placed on the effect of the growth of American power

and responsibility upon the development of foreign policies.

Prereq: Three units of political science.

**820-460/660 GOVERNMENT AND POLITICS OF ASIA (AREA III COURSE)  
3 cr**

A comparative study of the political structures, institutions, and processes of the nations of Asia.

Prereq: Three units of political science.

**820-461/661 GOVERNMENT AND POLITICS OF AFRICA (AREA III COURSE) 3 cr**

The course will critically analyze the political events, major problems, processes and trends in Sub-Saharan African politics and society. It will also attempt to examine the prospects for economic development and democracy in contemporary Africa. Some African countries will be selected for special attention.

Prereq: Three units of political science.

Unreq: 614-461/661.

**820-462/662 SOCIAL WELFARE POLICY 3 cr**

Provides students with the analysis and critical understanding of the policy issues surrounding historical and current social welfare programs, of new social welfare issues and of policy decisions that lead to changes in programming. Community organization, as an intervention approach, will be explored.

Prereq: Three units of political science. Unreq: 860-462/662.

**820-463/663 PEACE STUDIES: CONFLICT RESOLUTION AND CRISIS MANAGEMENT 3 cr**

The course will critically analyze the political events, major problems, processes and trends in international and regional conflicts. It will examine the prospect for peaceful negotiation among states and international organizations to solve international crises.

Prereq: Three units of political science.

**POLISCI 464/664 WOMEN IN INTERNATIONAL RELATIONS 3 u**

This course is designed to provide students with the opportunity to study and analyze international relations from a multi-disciplinary perspective. It will examine current understandings of the causes, processes and structures of international relations, violent conflict, as well as resolution of those conflicts and peace within the context of Feminist theories. The goal is to examine the role of women in international relations, international security, conflict and peace through different approaches to the study of conflict and how it is understood. The course will consider both the strength and limitations of various disciplinary approaches.

The traditional approaches to international relations, international security, international conflict and peace reflect viewpoints consistent with masculine perspectives on power and security. The goal is to consider how the limitations of the approaches can be effectively challenged and what alternatives might be offered. Themes for discussion will include gender, race, ethnicity, nationalism, state, community, conflict and peace.

Prereq: Three units of political science or three units of women's studies.

**820-471/671 GOVERNMENT AND POLITICS IN THE MIDDLE EAST (AREA III COURSE) 3 cr**

An intense investigation of the social, economic, and political conditions of Islamic, Arab and non-Arab countries of the Middle East. Topics include basic tenets of Islam: political culture, formation of nation states, political systems (monarchies and republics), consequences of political development and modernization, and the role of the Middle East in international politics.

Prereq: Three units of political science.

**820-472 GOVERNMENT AND POLITICS OF CHINA 3 cr**

This course exposes students to the breadth of Chinese government and politics. It briefly overviews the traditional Chinese system, its breakdown, and the rise of communism. It also overviews a more detailed treatment of the characteristics and major events of the communist era.

Prereq: Three units of political science.

**820-489/689 SEMINAR IN PUBLIC 3 cr ADMINISTRATION (AREA II COURSE)**

A study of the complex aspects of administrative organization, behavior and decision-making in the area of public policy through the examination of a variety of pertinent cases.

Prereq: 820-320 or consent of instructor.

**SPECIAL COURSES**

Courses in this section can be counted in the area which was given emphasis during the semester the course was taken.

**820-490/690 WORKSHOP 1-6 cr**

Repeatable for a maximum of 6 credits in major/degree. Prereq: Three units of political science.

**820-493 INTERNSHIP IN POLITICAL SCIENCE 1-12 cr**

Study and work with a government unit or in some area of public affairs under the direction of a faculty supervisor. Students will have the opportunity to combine

academic learning with practical experience in government and politics.  
Repeatable for a maximum of 12 credits in major/degree.  
Prereq: Three units of political science and consent of department chairperson.

**820-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable for a maximum of 6 credits in major/degree.  
Prereq: Three units of political science.

**820-498 INDEPENDENT STUDIES 1-3 cr**

Repeatable for a maximum of 4 credits in major/degree.  
Prereq: Consent of staff member and chairperson.

**820-499 SENIOR HONORS THESIS 3 cr**

Individual research for majors writing thesis for honors degree; emphasis upon depth, scope and individual research on approved topics under the supervision of a member of the faculty.  
Prereq: Grade point average of 3.25 and 21 credit hours in political science.

## **DEPARTMENT OF PSYCHOLOGY**

*Phone:* 262-472-1026

*E-Mail:* psychology@uwwvax.uww.edu

*Faculty:* Deborah Aks, Barbara Beaver, Randy Busse, Gregory Cook (Chairperson), Douglas Eamon, I-Ning Huang, James Larson, Carolyn Morgan, Cliff O'Beirne, P. B. Poorman, Kenneth Salzwedel, Richard Schlafer, Eric Seelau, Sheila Seelau, Meg Waraczynski.

Psychology is a science which searches for answers to myriad questions about behavior and thinking. Psychology is also a profession which is committed to helping people. Psychology is composed of several areas of specialization. Psychology majors study such psychological topics as the relationship between physiology and behavior, how people learn and perceive information, and factors that influence social, emotional and cognitive development in both adaptive and maladaptive directions.

A psychology major can help prepare students for a variety of goals, including preparation for graduate study in psychology or related fields, development of skills for paraprofessional employment, preparation for teaching high school level psychology or social studies, or preparation for employment in a business or industry seeking graduates with a broad education, flexible outlook, and ability to attack problems systematically.



## **MAJOR/EMPHASES**

### **PSYCHOLOGY (BA/BS)**

#### **MAJOR - 35 CREDITS**

1. PSYC 840-211
2. PSYC 840-215
3. PSYC 840-216
4. CHOOSE 1 COURSE FROM EACH OF 2 GRP BELOW: GRP 1: PSYC 840-301  
GRP 2: PSYC 840-303 OR 840-351 OR 840-424  
GRP 3: PSYC 840-305
5. CHOOSE 1 COURSE FROM EACH OF 2 GRP BELOW: GRP 1: PSYC 840-304  
GRP 2: PSYC 840-331 or 840-332  
GRP 3: PSYC 840-345  
GRP 4: PSYC 840-355
6. SELECT 12 CRED OF PSYCHOLOGY ELECTIVES EXCEPT COURSE 840-105

#### **MAJOR - WRITING & MATH - 6-8 CREDITS**

1. PSYC 840-216 RLS
2. MATH 760-143 OR 760-152 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

### **PSYCHOLOGY (BSE)**

#### **LICENSURE - 37 CREDITS**

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492
8. SELECT 3 CREDITS FROM EDUC 400-496

#### **MAJOR - 35 CREDITS**

1. PSYC 840-211 AND PSYC 840-215
2. PSYC 840-216
3. PSYC 840-301, 840-303, 840-304, 840-331, 840-345 AND 840-355
4. PSYC 840-305 OR 840-351
5. SELECT 3 ELECTIVE PSYCHOLOGY CREDITS EXCEPT COURSE 840-105

WRITING - 3 CREDITS

1. PSYC 840-216 RLS
2. MATH 760-143 OR 760-152 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**SOCIAL STUDIES-BROADFIELD PSYCHOLOGY I EMPHASIS (BSE)**

LICENSURE - 42-43 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 55 CREDITS

1. PSYC 840-211 AND 840-215
2. PSYC 840-216
3. PSYC 840-301, 840-303, 840-304, 840-331, 840-345 AND 840-355
4. PSYC 840-305 OR 840-351
5. SELECT 3 ELECTIVE PSYCHOLOGY CREDITS EXCEPT COURSE 840-105
6. SELECT 20 CRED FROM DEPTS OF ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, POLITICAL SCIENCE AND SOCIOLOGY EXCLUDING CORE COURSES

WRITING - 3 CREDITS

1. PSYC 840-216 RLS
2. MATH 760-143 OR 760-152 RLS

## **SOCIAL STUDIES-BROADFIELD PSYCHOLOGY II EMPHASIS (BSE)**

### LICENSURE - 42-43 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM EDUC 400-496

### MAJOR - 55 CREDITS

1. PSYC 840-211 AND 840-215
2. PSYC 840-216
3. PSYC 840-301 OR 840-305
4. PSYC 840-303 OR 840-351
5. PSYC 840-304 OR 840-345
6. PSYC 840-331 OR 840-355
7. SELECT 32 CRED FROM DEPTS OF ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, POLITICAL SCIENCE AND SOCIOLOGY EXCLUDING CORE COURSES. THREE DEPTS REQUIRED.

### WRITING - 3 CREDITS

1. PSYC 840-216 RLS
2. MATH 760-143 OR 760-152 RLS

## **MINOR/EMPHASES**

### PSYCHOLOGY

#### MINOR - 24 CREDITS

1. PSYC 840-211
2. PSYC 840-215
3. SELECT 1 COURSE PSYC 840-301 OR 840-303 OR 840-305
4. SELECT 1 COURSE PSYC 840-304 OR 840-331 OR 840-332 OR 840-345 OR 840-355
5. SELECT 12 ELECTIVE PSYCHOLOGY CREDITS TO BRING THE TOTAL TO 24 CREDITS EXCLUDING COURSE 840-105

#### MINOR - MATH - 3-5 CREDITS

1. MATH 760-143 OR 760-152 RLS

#### PSYCHOLOGY FOR BUSINESS MAJORS EMPHASIS

#### MINOR - 21 CREDITS

1. PSYC 840-211
2. SELECT 1 COURSE FROM PSYC 840-301, 840-303, 840-305, 840-351 OR 840-424
3. SELECT 1 COURSE FROM PSYC 840-304 OR 840-331 OR 840-332 OR 840-345 OR 840-355
4. SELECT 12 ELECTIVE CREDITS FROM THE PSYCHOLOGY DEPT EXCLUDING COURSE 840-105

#### PSYCHOLOGY EDUCATION EMPHASIS

#### MINOR - 23 CREDITS

1. PSYC 840-211
2. PSYC 840-216
3. PSYC 840-215, 840-332, 840-345 AND 840-355
4. SELECT 1 COURSE FROM PSYC 840-301, 840-303, 840-305, 840-351, 840-424

#### MINOR - MATH - 3-5 CREDITS

1. MATH 760-143 OR 760-152 RLS

Social Studies minor in elementary education curriculum: See L&S Interdepartmental section.

## **840 COURSE DESCRIPTIONS**

### **840-104 PSYCHOLOGY OF HUMAN ADJUSTMENT GS 3 cr**

Focuses on the processes of decision-making, conflict resolution, and value judgments. Emphasis will be on understanding practical methods for handling interpersonal relationships. Effective use of coping devices for college students and others will be studied. Enhancing the psychological resources for personal change and growth will be stressed.

### **840-202 PSYCHOLOGY OF WOMEN GS 3 cr**

Inquiry into the psychology of women with an emphasis on theory and research. Study of gender differences in behavior and personality from intrapsychic and sociocultural viewpoint. Personality development and life stages of women.

### **840-211 INTRODUCTORY PSYCHOLOGY GS 3 cr**

A survey of contemporary psychology covering human development, intelligence, abilities, sensation, perception, motivation, emotion, learning, personality structure, disordered behavior, social psychology, and the physiological bases of behavior. Includes an overview of current theory, research methods, and controversial issues in the field.

### **840-215 BASIC STATISTICAL METHODS 3 cr**

An introduction to descriptive and inferential statistics. Topics include preliminary concepts, frequency distribution, graphic methods, measures of central tendency and variability, percentiles, probability, normal distribution, correlation analysis, sampling theory, parametric and selected non-parametric hypotheses-testing procedures. Lectures are supplemented by computational laboratory sessions.  
Prereq: 760-143 or 760-152.

### **840-216 RESEARCH METHODS 5 cr**

A laboratory course in the methodology of psychological research with emphasis on design, measurement, and statistical analysis appropriate for testing hypotheses in perception, learning, memory and other areas of general psychology. Students design and conduct experiments and write reports.  
Prereq: 840-211 and 840-215.

### **840-301 PHYSIOLOGICAL PSYCHOLOGY 3 cr**

A survey of the biological and physiological bases of human and animal behavior, with particular attention to the following: Basic principles of the anatomy, physiology, and biochemistry of the nervous system; sensory and motor systems; sleep; circadian rhythms; sexual behavior; emotion and stress; motivation; learning, memory, and

language; neurological disorders; psychopathology.  
Prereq: 840-211 or 4 credits of biology or 630-110.

**840-303 LEARNING AND CONDITIONING 3 cr**

Studies the basic processes of how organisms modify their behavior. Topics include classical and instrumental conditioning, reinforcement, extinction, punishment and avoidance, generalization and discrimination, and biological constraints on learning.  
Prereq: 840-211

**840-304 PSYCHOLOGY OF PERSONALITY 3 cr**

An introduction to the study of the uniqueness of the individual. Emphasis will be on research methods and on theories as well as on some of the more important characteristics on which individuals differ.  
Prereq: 840-211

**840-305 PSYCHOLOGY OF PERCEPTION 3 cr**

A study of how sensations emerge from physical energies falling upon sense receptors and get organized into the percepts we call events, objects and object properties of the real world including our self image. Topics include illusions, hallucinations, and normal experiences with all the senses, especially touch, hearing, and vision.  
Prereq: 840-211

**840-331 PSYCHOLOGY OF CHILDHOOD 3 cr**

An introduction to the psychological research on child development with emphasis on physical, cognitive, social and emotional development.  
Prereq: 840-211

**840-332 PSYCHOLOGY OF ADOLESCENCE 3 cr**

An introduction to the psychological research on adolescent development with emphasis on physical, cognitive, social, emotional, sexual and moral development.  
Prereq: 840-211

**840-345/545 ABNORMAL PSYCHOLOGY 3 cr**

An introductory survey of abnormal psychology covering the clinical syndromes included in the diagnostic classification system of the American Psychiatric Association. Current research regarding causal factors, treatment, and outcomes supplement descriptions of maladaptive patterns of behavior.  
Coreq: 840-304 or graduate standing

**840-351 COGNITIVE PSYCHOLOGY 3 cr**

Course will explore processes of thought, attention memory, language, and problem-solving. Students will explore various theories of cognition from traditional

psychological theories (i.e., linguistic vs. image based thought) to the current computer-based models (i.e., artificial intelligence) and examine relevant evidence to help us gain insight into the workings of the human mind.

Prereq: 840-211.

### **840-355 SOCIAL PSYCHOLOGY 3 cr**

The study of the individual (thus psychological) in social contexts (thus sociological), emphasizing such topics as interpersonal attractions, prejudice, leadership, formal and informal social roles, conflicts, brainwashing, social power, social influence, persuasion, stereotyping, conformity, obedience, group effectiveness, self-perception, and validation in social interaction of beliefs, values, attitudes, self-concepts.

Prereq: 840-211

### **840-387 FIELD TRAINING IN PSYCHOLOGY 1-3 cr**

An opportunity is presented to introduce psychology majors and minors to a work-study experience in a selected agency or institution.

Repeatable for a maximum of 3 credits in major and a maximum of 6 credits in degree.

Prereq: Consent of instructor.

### **840-391 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 cr**

An overview of major psychological theories and theoretical issues designed to assist the advanced student in organizing and integrating his knowledge of factual content in psychology and in completing a strong foundation for graduate study.

Prereq: 9 credits in psychology.

### **840-394/594 DIRECTED RESEARCH IN PSYCHOLOGY 3 cr**

Students, under faculty supervision, participate in some of all phases of research projects, literature search, design, data collection and analysis, and preparation of research reports. Repeatable for a maximum of 6 credits in the psychology major or minor. Topics vary from term to term.

Prereq: consent of instructor

### **840-415/615 RESEARCH DESIGN 3 cr**

Several research strategies will be investigated. These will include using questionnaires, attitude and personality research, and interview research. Some of the statistical techniques covered will be: t-tests, chi-square, and various correlational techniques. A thorough discussion of numerous analysis of variance techniques will constitute a major portion of this course.

Prereq: 840-215 or equivalent and junior standing.

**840-420/620 FOUNDATIONS OF PROFESSIONAL SCHOOL PSYCHOLOGY  
3 cr**

An examination of the history, foundations, legal/ethical, and role and function issues in school psychology. Particular attention will be focused on the exploration of specific models of school psychological service delivery, including direct intervention and school-based consultation with education and agency professionals.

Prereq: Admission to the School Psychology Program or consent of instructor.

**840-424/624 HUMAN LEARNING 3 cr**

A survey of findings and theoretical analyses of how people acquire, forget, and transfer verbal information. The structures (sensory, short-term, and long-term memory) and processes (attention, encoding, storage, and retrieval) of human memory will be studied and related to the current theories of human information processing.

Prereq: 840-303 or equivalent or consent of instructor and junior standing.

**840-440/640 PSYCHOLOGICAL TESTS AND MEASUREMENTS 3 cr**

Demonstrates the principles of psychological measurement. Demonstrates contents and uses of specific tests of mental ability, achievement, personality, interests, and special abilities. Field work: Group examination of regional schools' testing program - analysis of tests of this program.

Prereq: 840-215 and junior standing.

**840-444/644 PRINCIPLES OF BEHAVIOR MODIFICATION 3 cr**

A survey of the various methods used in behavior modification programs. The background and theory of specific techniques will be carefully considered. The variables to be reviewed in establishing a sound program will be presented and evaluated.

Prereq: 840-211 and junior standing.

**840-446/646 INTRODUCTION TO CLINICAL PSYCHOLOGY 3 cr**

A survey course designed to acquaint the student with the types of behavior personality problems with which the clinical psychologist deals, the use of diagnostic methods including projective techniques, and to provide an orientation to the various methods of psychotherapy.

Prereq: 840-304 or 840-345 or consent of instructor and junior standing.

**840-451/651 INTERPERSONAL RELATIONS AND SOCIAL INTERACTIONS  
3 cr**

Theory, research and exercises in interpersonal perception, communication, motivation, leadership and problem-solving within groups.

Prereq: Junior or senior standing.



**840-480/680 SCHOOL VIOLENCE AND CRISIS MANAGEMENT 3 cr**

Advanced undergraduates and graduate students who have professional and/or scholarly interests in gaining a greater understanding of the variables associated with violence and crisis management in the public school setting. Emphasis on: Psychological, developmental, and risk correlates of childhood aggression; critical examination of the prevention and intervention models considered most effective and useful in the school setting; in depth understanding of crisis prevention and response models.

Prereq: Junior standing

**840-486/686 INTERVIEW AND PSYCHOTHERAPY TECHNIQUES 3 cr**

A review of the literature on interview techniques as a method of assessment and as a method of helping. Students will observe and discuss demonstrations conducted by faculty members. In addition, students will conduct, role-play, tape, and analyze interviews themselves.

Prereq: 840-304 or 840-345 and junior standing.

**840-489/689 FAMILY THERAPY 3 cr**

Concepts, theories, and research in family therapy will be reviewed. Students will role-play family problems and treatment skills. This course does not qualify a student to practice family therapy, for which an internship and/or clinical placement and graduate degree are necessary.

Prereq: 840-486 or senior or graduate standing or consent of instructor.

**840-490/690 WORKSHOP 1-6 cr**

Repeatable for a maximum of 6 credits in degree.

Prereq: Senior standing or consent of instructor.

**840-494 SEMINAR IN PSYCHOLOGY 1-3 cr**

Repeatable, with permission of the Psychology Department, for a maximum of 6 credits in major/degree.

Prereq: 12 credits in psychology or consent of instructor.

**840-496/696 SPECIAL STUDIES IN PSYCHOLOGY 1-3 cr**

Repeatable, with permission of department, for a maximum of 6 credits in major/degree.

Prereq: 12 credits in psychology or consent of instructor and junior standing.

**840-497 EXCHANGE STUDY 1-12 cr**

Repeatable

### **840-498 INDEPENDENT STUDY 1-3 cr**

Repeatable for a maximum of 6 credits in major.

Prereq: Minimum 2.75 g.p.a., minimum of 9 credits in psychology, junior or senior standing, and consent of instructor.

### **840-499 HONORS THESIS 3-6 cr**

Students engage in a critical review or an experimental study of a topic of interest to them under the supervision of an honors thesis committee of the psychology department. Repeatable for a maximum of 6 credits in the major.

Prereq: Psychology major or minor with at least 21 credits in psychology courses and a minimum overall GPA of 3.5.

## **PROGRAM OF RACE AND ETHNIC CULTURES**

*Phone:* 262-472-1553

*E-Mail:* raceethnic@uwwvax.uww.edu

*Faculty:* Paul Adogamhe, Lloyd Binagi, Carlos de Onis, E. Howard Grigsby (Coordinator), John Valadez.

The Race and Ethnic Cultures Program offers a 24-credit minor composed of 3 credits of American Indian Studies, 9 credits of African-American Studies, 9 credits of Chicano Studies and 3 elective credits chosen from a list of approved courses. In an ever changing nation and international community of people, this minor will help broaden students' knowledge of the experiences and contributions racial/ethnic groups have made to this country's development and prosperity and also, to the world's. It complements several majors, preparing students for the future.

### **MINOR**

### **RACE AND ETHNIC CULTURES**

#### **MINOR - 24 CREDITS**

1. AMIN 611-102 OR HIST 740-424
2. AFRO 614-100
3. AFRO 614-397
4. AFRO 614-270 OR SOC 880-270
5. CHCN 615-320
6. CHCN 615-330
7. CHCN 615-200 OR ENGL 680-200

8. SELECT 3 CRED FROM COURSES AFRO 614-120, 614-470, 614-320, 614-396, 614-490, 614-494, 614-496, 614-498, AMIN 611-490, 611-496, 611-498, CHCN 615-150, 615-201, 615-310, 615-480, 615-490, 615-494, 615-496, 615-498, ENGL 680-201, 680-345, 680-368, HIST 740-120, 740-340, 740-420, 740-424, PHIL 786-211, 786-303, PSCI 820-217, RCET 610-217, 610-380, 610-490, 610-496, 610-498, SOCW 860-380, SOC 880-459 AND 880-470

## **610 COURSE DESCRIPTIONS**

### **610-217 ETHNIC POLITICS GE/Diversity 3 cr**

The central concern of this course is to provide the student an awareness of the political development of racial and ethnic minorities in today's political arena. It will compare and contrast the development of the white ethnic communities of the 19th and 20th centuries with our modern day racial and ethnic minorities. (Offered jointly with political science).

Unreq: 820-247

### **610-368/568 AMERICAN MINORITY WOMEN WRITERS Diversity 3 cr**

A survey of poetry, fiction, drama, and essays written by African-American, Hispanic-American, Native American, and Asian-American women.

Prereq: 680-101 and 680-102 or 680-161 and 680-102 or consent of instructor.

Unreq: 680-368/568.

### **610-380/580 RACE, ETHNICITY, AND SOCIAL JUSTICE: ISSUES FOR HELPING PROFESSIONALS Diversity 3 cr**

The course is designed to help students develop a greater understanding of the influence of one's race and ethnicity on the ways individuals perceive the world and the ways they are treated by others and by society. Within the framework of the helping professions, students will have the opportunity to examine their attitudes toward members of racial and ethnic minorities, develop ways to learn about the participation in and treatment of racial and ethnic minority groups in work, education, and social services, and examine ways to affect one's own attitudes and society to achieve social justice.

Unreq: 860-380/580.

### **610-490/690 WORKSHOP 1-3 cr**

Repeatable a maximum of three times.

**610-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable a maximum of three times.

**610-498 INDEPENDENT STUDY 1-3 cr**

Repeatable three times for maximum of 9 credits. Prereq: Cons instr.

**AMERICAN INDIAN STUDIES (611)**

American Indian Studies deals with the history and traditions of Native Americans. Special attention is given to current issues and events relevant to conditions in Wisconsin today.

**611-102 INTRODUCTION TO AMERICAN INDIAN STUDIES Diversity 3 cr**

An interdisciplinary introduction to the history, literature, art, and religion of Native Americans designed for students seeking a basic understanding of American Indians. Emphasis will be given to the contemporary scene.

**611-490/690 WORKSHOP 1-3 cr**

Repeatable a maximum of three times.

**611-491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**611-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable three times for a maximum of 9 credits.

**611-498 INDEPENDENT STUDY 1-3 cr**

Repeatable three times for a maximum of 9 credits. Prereq: Consent of instructor.

**AFRICAN-AMERICAN STUDIES (614)**

The objectives of African-American Studies are to provide a systematic study of the experiences, conditions, and origins of African-American people, their philosophical, religious, and social values, their various modes of artistic expression, and the way in which each of these cultural aspects is interrelated. In this way African-American Studies provides the student with an opportunity to gain knowledge and understanding of the history, social organization, current conditions, and problems that face African-Americans as a racial minority in the United States. Additionally, the study of the African-American experience will unfold and analyze the African-American contribution to the American heritage.

**614-100 INTRODUCTION TO BLACK CULTURE GE/Diversity 3 cr**

This course is an introduction to the experiences, literature, art and music of Black people. Emphasis will be placed on major Black contributions to American culture. Special attention will be paid to Black studies as a discipline.

**614-141 MODERN BLACK AMERICAN HISTORY GE/Diversity 3 cr**

A critical examination and analysis of the status and role of Black Americans in the United States since 1865.

Unreq: 740-141

**614-270 THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE GE/Diversity 3 cr**

This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people. (Cross-listed with Sociology)

Unreq: 880-270.

**614-320/520 A HISTORY OF BLACK MIGRATION IN THE U.S. 3 cr**

This course will examine and analyze the impact of Black migration from rural south to the northern urban centers since the turn of the century.

Prereq: 740-125 or 740/614-141 or 614-100 or consent of instructor.

**614-345/545 AFRICAN-AMERICAN Diversity LITERATURE, 1800 TO THE PRESENT 3 cr**

A survey of essays, prose, fiction, drama, and poetry written by African-Americans from the Colonial period to the present.

Unreq: 680-345/545.

**614-365 BLACK POLITICAL AND SOCIAL THOUGHT Diversity 3 cr**

This course will utilize a Pan-African approach to provide an organized and systematic pattern of social and political ideologies/thought put forth by Black publicists and theorists concerning the organization of their society. As such, it will survey the principal personalities and major protest movements that have emerged in the Diaspora African Community, as well as pay special attention to selected African ideologies and personalities involved in shaping Black political and social thought.

Prereq: 614-100 or 820-141 or 610/820-217 or 820-250.

**614-396 CURRENT ISSUES IN BLACK STUDIES: SOCIAL AND BEHAVIORAL SCIENCES GE/Diversity 3 cr**

This course deals with the key issues that fall under the investigatory domain of the social and behavioral sciences. These issues are investigated in light of the traditional eurocentric approaches of the social and behavioral sciences, as well as the

approaches of a Black social and behavioral scientist. In addition, the long and short term effects of the several approaches and suggested solutions to these issues are examined critically in the context of their effect or impact on Blacks and whites.

**614-397 CURRENT ISSUES IN BLACK STUDIES: HUMANITIES**

**GE/Diversity 3 cr**

This seminar course addresses the appeal of Black power as a polemic, protest and propaganda in the context of the Black experience in the United States. The primary materials will be speeches, documentaries, comic routines, mime groups, theatre and cinema. The approach is rhetorical and focuses on the ways in which statements are made and the effect they may have on the immediate audience and beyond.

**614-461/661 GOVERNMENT AND POLITICS OF AFRICA 3 cr**

The course will critically analyze the political events, major problems, processes and trends in Sub-Saharan African politics and society. It will also attempt to examine the prospects for economic development and democracy in contemporary Africa.

Some African countries will be selected for special attention.

Prereq: Any political science general studies course.

Unreq: 820-461/661.

**614-470 AFRICAN AMERICAN FAMILIES *Diversity* 3 cr**

This course will survey the historical development of the African-American Family from Africa to modern times. Significant events (e.g., the slave trade, slavery, and migration) will be scrutinized in order to ascertain their role in shaping the contemporary Black Family life. Other important social and economic forces will be illuminated to assess their impact. The latest body of literature, models, paradigms, hypotheses, and statistical findings will be critically examined to enhance understanding of modern day Black Family premarital and marital relations, adaptive patterns, and dislocations. (Offered jointly with Sociology.)

Prereq: [614-100 or 880-140] and [614-270 or 880-252] or consent of instructor

**614-490/690 WORKSHOP 1-3 cr**

Repeatable

**614-491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**614-494 SEMINAR 1-3 cr**

Repeatable

**614-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable

## **614-498 INDEPENDENT STUDY 1-3 cr**

### **CHICANO STUDIES (615)**

Chicano Studies deals with those who may call themselves Mexican, Hispanic or Latino. Chicano Studies provides the student with an opportunity to study the role of the Chicano in, and his relationship to, United States society in general. These courses serve to broaden perceptions of the origins, conditions, and experiences of Hispanics by exploring their social and philosophical values. The study of the Chicano/Latino experience includes an examination of Chicano history and literature, culture and political thought from earliest antecedents to the present day.

#### **615-150 INTRODUCTION TO CHICANO STUDIES GE 3 cr**

Identifies and interprets internal and external cultural experiences converging to form the present day Chicano.

#### **615-200 CHICANO LITERATURE: HISTORICAL CONTEXT AND CONTEMPORARY TEXT GE/Diversity 3 cr**

Identifies and interprets Chicano literature in a social and historical context with emphasis on contemporary text. All Spanish language texts are provided in translation. (Also offered as 680-200 by English Department.)  
Unreq: 680-200.

#### **615-201 CONTEMPORARY CHICANO LITERATURE GE/Diversity 3 cr**

Analyzes contemporary Chicano drama, fiction, and poetry within their cultural and historical context: examined from a traditional formalist approach and as a human expression. (Also offered as 680-201 by English Department.)  
Unreq: 680-201.

#### **615-310/510 HISTORY OF CHICANOS IN THE U.S.: 19TH CENTURY ROOTS AND 20TH CENTURY DEVELOPMENT GE/Diversity 3 cr**

Interprets historical events of the U.S. and their impact on the Chicano emphasizing 19th century roots and 20th century development. Takes an in depth look at implications of the Treaty of Guadalupe Hidalgo and 20th century Mexican Immigration.

#### **615-320/520 POLITICS OF THE CHICANO GE/Diversity 3 cr**

A comprehensive analysis of Chicano life as it relates to U.S. governmental institutions. Chicanos are presented in terms of their political, social, and religious affiliations; their economic and occupational status; and their family life and language relationships to the U.S. Federal System of Government. This study views Chicanos

from two separate perspectives: as a self-contained ethnic minority and as a part of the broader U.S. population.

**615-330 CHICANO AND LATINO AMERICAN THOUGHT GE/Diversity 3 cr**

A close analysis of the ideological perspectives of the Hispanic Movement will show that the issues inherent in this movement are not new ones. The Hispanic situation, that of a conquered people, traces its beginnings to the early XVI century with the conquest of Tenochtitlan by Hernan Cortes. Essays from both the conqueror and the conquered will be studied that show that ideologically Aztlan and Latino American countries have a similar point of reference.

**615-490/690 WORKSHOP 1-3 cr**

Repeatable a maximum of three times.

**615-491/691 TRAVEL STUDY 1-3 cr**

Repeatable

**615-494 SEMINAR 1-3 cr**

Repeatable a maximum of three times.

**615-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable a maximum of three times.

**615-498 INDEPENDENT STUDY 1-3 cr**

Repeatable three times for a maximum of 9 credits.

Prereq: Consent of instructor.

## **DEPARTMENT OF SOCIAL WORK**

*Phone:* 262-472-1137

*E-Mail:* socwork@uwwvax.uww.edu

Faculty: Karen Kirst-Ashman, Jackie Jackson, Susan Michaud, William Powell, Tim Reutebuch, Mike Wallace, James Winship, Janet Wright (Chairperson), Charles Zastrow.

The primary objective of the social work major is preparation of students for beginning level professional generalist social work practice. The major emphasizes development of students' practice skills by providing classroom and internship content in the wide variety of social and personal problems encountered by individuals, groups, families, organizations, and communities. Relationship and problem-solving techniques are stressed during the phases of studying, analyzing, testing, and



evaluating social problems in both urban and rural areas. Many types of employment settings are available for professional social workers including counseling, foster care, adoption, child protective services, probation and parole, services to single parents, day care, public assistance, services to people of color and women, school social services, drug and alcohol counseling, services for the elderly, and positions in the areas of community organization, social planning and social action.

## **MAJOR**

Requirements for admission into the Professional Segment (i.e., Social Work Practice and Practicum courses) of the Social Work major include: a 2.25 overall grade point minimum is needed to enroll in practice courses (860-371, 860-372, and 860-373) and in Social Work Experience (860-493). Exceptions will be made for students having a 2.50 GPA for the last two semesters having taken at least nine credits during each semester; or a 2.75 GPA having taken at least nine credits in the semester prior to applying. Students with a lower grade point average may enroll in other Social Work courses. Check with the Social Work Department office for specific information about admissions processes.

All required Social Work courses must be completed with a grade of C or better. Any required Social Work course in which a lower grade is received must be retaken by the student. Any student who receives a second grade below C in the same required social work class will not be permitted to continue in the program.

Graduation requirements for a major in Social Work: a 2.25 grade point average in the Social Work major is needed.

## **SOCIAL WORK (BA/BS)**

### **MAJOR - 36 CREDITS**

1. SOCW 860-102
2. SOCW 860-311 AND 860-312
3. SOCW 860-371, 860-372 AND 860-402
4. SOCW 860-462 AND 860-473
5. SELECT 12 CREDITS FROM COURSE SOCW 860-493

### **UNIQUE REQUIREMENT - 10 - 11 CREDITS**

1. PSCI 820-141 RLS
2. INTR 900-130

3. BIOL 630-120 OR HPRC 442-271 RLS

MINOR

GERONTOLOGY

MINOR - 21 credits

1. SELECT 9 CREDITS FROM THE FOLLOWING COURSES: BIOL 630-310, SOCW 860-337, PHIL 782-365, RECR 446-360, SOC 880-410
2. SELECT 12 CREDITS FROM COURSES BIO 630-247, ECON 230-445, HLTH 444-360, 444-362, RECR 446-360, PHIL 782-247, PSCI 820-440, 820-462, PSYC 840-301, 840-486, SOCW 860-302, 860-341, SOC 880-410 , 880-455 AND WNST 890-350

HUMAN SERVICES FOUNDATIONS

MINOR - 24 credits

1. SELECT ANY THREE OF THE FOLLOWING COURSES: PSYC 840-202, 840-331, 840-332, SOCW 860-102, 860-235, WNST 890-350
2. SELECT ONE OF THE FOLLOWING COURSES: ENGL 680-370, 680-372, PSYC 840-215, MATH 760-230
3. ELECTIVES SELECT FOUR OF THE FOLLOWING COURSES: COMDIS 510-270, PSYC 840-345, 840-387, 840-444, 840-486, 840-489, SFTY 460-255, SOCW 860-311, 860-325, 860-337, 860-341, 860-380, 860-498, WNST 890-100, 890-370, 890-392

## **860 COURSE DESCRIPTIONS**

### **860-102 INTRODUCTION TO SOCIAL WELFARE AND SOCIAL WORK 3 cr**

This course is an introduction to the history and philosophy of social welfare, to the social work profession, and to social institutions so that the students may enlarge their liberal arts education, gain understanding of contemporary social welfare problems and services, and begin to evaluate their personal values and convictions about social welfare issues. Required for all social work majors.

### **860-235 CHILD WELFARE 3 cr**

This course is a survey of social services for children: the problems treated, an

assessment of the effectiveness of current services, and consideration of alternative service programs.

Prereq: 860-102 or cons instr.

### **860-301/501 ASSERTIVENESS TRAINING IN THE HELPING PROFESSIONS 1 cr**

This course presents the principles of assertiveness training, uses experiential exercises to help students learn to present themselves more assertively, and prepares students to assist others to become more assertive. Content is focused on students who are planning a career in the helping professions.

### **860-302/502 GRIEF MANAGEMENT IN THE HELPING PROFESSIONS 1 cr**

This course focuses on issues such as adjustment to the death of someone close, helping someone who is terminally ill, and coping with other losses--such as cherished relationships. The grief counseling content is intended for students who are planning a career in the helping professions. **SOCIAL WORK**

### **860-303/503 MANAGING STRESS AND BURNOUT IN THE HELPING PROFESSIONS 1 cr**

This course focuses on recognizing signs of destructive stress and the stages of burnout in the helping professions. Instruction is given in using a number of techniques for coping with stress such as meditation, relaxation training, time management, social support systems, biofeedback, and life planning as they apply to the helping professions.

### **860-311/511 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I 3 cr**

This course is designed to provide students with an understanding of the processes of bio-psycho and socio-cultural development from infancy to young adulthood. Material is also presented on the social systems (families, groups, organizations, and communities) in which individuals live.

Prereq: 900-130 and 630-120 or 442-271 and 860-102, only one of which may be taken concurrently.

### **860-312/512 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II 3 cr**

This course is designed to provide the student with an understanding of the processes of bio-psycho and socio-cultural development from middle adulthood through old age. Material is also presented on the social systems (mezzo and macro) in which individuals live.

Prereq: 860-311, Special undergraduates and all graduate students must have approval of the department chair.

**860-325 SOCIAL WORK WITH CHILDREN AND ADOLESCENTS 3 cr**

This course is designed to introduce undergraduate students to the knowledge and skills necessary for working with children and adolescents including assessment and interview of this population, child welfare policy (Wisconsin Juvenile Code), practice settings (i.e. group homes), etc. The major emphasis will be on populations at risk (emotional problems, abuse/neglect, gay/lesbian, etc.), with a focus on current intervention approaches.

Coreq: 860-371

**860-337/537 INTRODUCTION TO SOCIAL GERONTOLOGY 3 cr**

This course is designed to introduce the student to social and physical factors related to aging. It will include information regarding social services needed to assist the older person and an analysis of gaps in current services.

Prereq: Soph st or cons instr.

**860-341/541 SEXUALITY FOR PROFESSIONAL GROWTH 3 cr**

This comprehensive course is designed to add to students' knowledge and comfort in the area of human sexuality. Multi-media, lecture, and small group discussion techniques are used to explore issues as basic treatment skills, sex education, developmental sexuality, problem pregnancies, and common sexual dysfunctions.

Prereq: Social Work majors, Women's Studies minors or majors, Health Education minors, or consent of department chairperson.

**860-371 SOCIAL WORK PRACTICE I 3 cr**

This course presents contemporary theoretical approaches to social work practice with individuals, groups, families, organizations and communities. This course uses a competency approach to assess and develop student interviewing and interpersonal skills, emphasizing social work practice with individuals.

Coreq: 860-311. All prerequisites for 860-311 must be completed before 860-371 may be taken.

2.25 GPA required.

Also Social Work major.

**860-372 SOCIAL WORK PRACTICE II 3 cr**

This course is designed to provide knowledge and skills needed to engage in generalist social work practice, including further development of interviewing and interpersonal skills. The course has an emphasis on social work practice with groups and communities.

Prereq: 860-311, 860-371. 2.25 GPA required.

Coreq: 860-312.

**860-380/580 RACE, ETHNICITY, AND SOCIAL JUSTICE: ISSUES FOR HELPING Diversity 3 cr PROFESSIONALS**

The course is designed to help students develop a greater understanding of the influence of one's race and ethnicity on the ways individuals perceive the world and the ways they are treated by others and by society. Within the framework of the helping professions, students will have the opportunity to examine their attitudes toward members of racial and ethnic minorities, develop ways to learn about the participation in and treatment of racial and ethnic minority groups in work, education, and social services, and examine ways to affect one's own attitudes and society to achieve social justice.

Unreq: 610-380/580.

**860-402/602 SOCIAL WORK RESEARCH 3 cr**

This course is designed to familiarize the student with basic concepts of social work research methodology and statistics, computer usage, to develop competence in evaluating research literature and to develop beginning skills in evaluating social work practice.

Prereq: 860-371.

**860-462/662 SOCIAL WELFARE POLICY 3 cr**

This course is designed to provide students with knowledge about the process of social welfare policy formulation and implementation and with policy analysis skills. The effects of social welfare policies and organizations on both clients (especially the poor and minorities) and on social workers will be emphasized.

Prereq: 860-371 and 820-141.

Unreq: 820-462/662.

**860-473/673 SOCIAL WORK PRACTICE III 3 cr**

This course will cover advanced problem solving approaches for intervention with individuals, families, groups, organizations, and communities. The class will utilize simulated practice situations. The course has an emphasis on social work practice with families and organizations.

Prereq: 860-372, 2.25 GPA required, Special undergraduates and all graduate students must have approval of the department chair

**860-490/690 SOCIAL WORK WORKSHOP 1-6 cr**

Repeatable.

Prereq: Consent of instructor.

**860-493 SOCIAL WORK EXPERIENCE 3-12 cr**

Students are placed in a community agency under the supervision of an experienced social worker. Students are expected to develop an in-depth understanding of agency

activities and programs and will assume increasing levels of responsibility as beginning social workers. Attendance at periodic field placement meetings is expected. This course may be taken as a block placement (12 credits) for one semester or summer, or over two semesters at 6 credits per semester. A total of 480 hours in the agency is required in either option.

Prereq: All other required social work courses must be completed, and consent of instructor. 2.25 GPA required.

**860-494/694 SEMINAR IN SOCIAL WORK METHODS 3 cr**

Repeatable.

Prereq: 860-371 or consent of instructor.

**860-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

Prereq: 860-102.

**860-498 INDEPENDENT STUDY IN SOCIAL WORK 1-3 cr**

Repeatable.

Prereq: Consent of instructor. **SOCIOLOGY**

**860-499 SENIOR HONOR THESIS IN SOCIAL WORK 3 cr**

This two semester course must be taken by students in the general honors program. Students explore any topic in the field of social welfare under direction of faculty representing disciplines involved.

Prereq: Senior standing and invitation of the staff.

**DEPARTMENT OF SOCIOLOGY**

*Phone:* 262-472-1133

*E-Mail:* sociology@uwwvax.uww.edu

*Faculty:* Ronald Berger, Martin Free, Gilbert Gloyer, Charles Green, Eugene Grigsby, Hadley Klug, Lanny Neider (Chairperson), Lawrence Neuman, Richard Salem, Patricia Searles, Bruce Wiegand.

Sociology is the systematic study of human group behavior. It seeks to understand the processes by which people build, maintain, and change their relations with others. Sociology emerged in response to the problems and needs of industrial life. As society has grown in size and complexity so has the need for knowledge and skill in dealing with human relationships. Providing students with the intellectual tools appropriate to the study and understanding of the basic human condition is our central concern.

Topics studied include marriage and family, crime and delinquency, gender roles, race and ethnic relations, social problems, and bureaucracy. Cross-cultural offerings focus on developing countries.

The Department of Sociology at UW-Whitewater offers courses covering a wide range of interests and specialties. The program is designed to give the student a better understanding of the significant factors and processes of modern life; to meet the needs of students preparing to teach in the social science field; to prepare students for graduate work in sociology; and to provide study useful for particular applied fields. Many students regard sociology as especially valuable preparation for careers in social work, teaching, law, and research and administration in government or corporations. Faculty work closely with students in developing programs, career plans and opportunities. They assist students in selecting an appropriate on-the-job practicum experience to make the transition to a professional job on graduation. Assistance extends to preparing for the job search and exploring the practical applications of sociology.

## **SOCIOLOGY MAJOR/MINOR GRADUATION REQUIREMENTS**

Sociology BA/BS graduation requirements

1. Minimum major and minor overall UW-W GPA of 2.00.
2. Minimum GPA of 2.00 in the major or minor in Sociology (4.0 scale).
3. Transfer credits accepted by UW-W count toward graduation, however, the GPA for the major or minor include UW-W credits only. The UW-W overall GPA minimum requirement is 2.00.
4. Students must file their application for graduation with the Registrar's Office (Graduation Department) 15 months before the graduation date so that any problems can be resolved.

## **MAJOR/EMPHASES**

Groups of Courses Within Sociology

Group 1--Social Structure Process and Change: 880-140, 880-250, 880-340, 880-352, 880-355/555, 880-362/562, 880-380/580, 880-385, 880-465/665

Group 2--Inequality and Diversity: 880-265, 880-270, 880-290, 880-345, 880-388/588, 880-451/651, 880-459/659

Group 3--Social Institutions: 880-252, 880-330, 880-353, 880-356, 880-365, 880-410/610, 880-455/655, 880-470

Group 4--Crime and Control: 880-276, 880-370/570, 880-372/572, 880-374, 880-378

Other Specialized Elective Courses: 880-490/690, 880-491, 880-494/694, 880-496/696, 880-498, 880-499

Required Courses: Theory, Methods and Practice/Applied (Do Not Satisfy Group Requirements) 880-140, 880-390, 880-475/675, 880-476/676, 880-478, 880-493

## **SOCIOLOGY (BA/BS)**

MAJOR - 33 CREDITS

1. SOC 880-301 AND 880-476
2. SOC 880-474 OR 880-475 (THE COURSE NOT SELECTED BECOMES AN ELECTIVE)
3. SELECT AT LEAST 1 COURSE FROM EACH OF THE 4 NUMBERED GROUPS BELOW. INCLUDE AT LEAST 9 CREDITS FROM COURSES NUMBERED 300 OR ABOVE.

GRP 1: SOC 880-140, 880-250, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465

GRP 2: SOC 880-265, 880-270, 880-290, 880-345, 880-350, 880-388, 880-451 AND 880-459

GRP 3: SOC 880-252, 880-330, 880-353, 880-356, 880-365, 880-410, 880-455 AND 880-470

GRP 4: SOC 880-276, 880-370, 880-372, 880-374, 880-378 AND 880-379

4. SELECT A OR B BELOW:
  - a. SOC 880-478 AND 880-493
  - b. SELECT 6 ELECTIVE CRED FROM SOCIOLOGY DEPT
5. SOCIOLOGY ELECTIVES TO TOTAL 33 CREDITS SELECTED WITH ADVISER OTHER SPECIALIZED ELECTIVES INCLUDE 880-490, 880-491, 880-494, 880-496, 880-498 AND 880-499



6. MAJOR WRITING REQUIREMENT IS SATISFIED BY SOC 880-474 OR 880-475 OR 880-478
7. COMPUTER LITERACY AND STATISTICS ARE SATISFIED BY SOC 880-476

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **SOCIOLOGY (BSE)**

LICENSURE - 42-43 CREDITS

1. EDFD 423-212, 424-425 AND C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. SELECT 3 CREDITS FROM COURSE C&I 439-492
9. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 33 CREDITS

1. SOC 880-301 AND 880-476
2. SOC 880-474 OR 880-475 (THE COURSE NOT SELECTED BECOMES AN ELECTIVE)
3. SELECT AT LEAST 1 COURSE FROM EACH OF THE 4 NUMBERED GROUPS BELOW

GRP 1: SOC 880,140, 880-250, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465

GRP 2: SOC 880-265, 880-270, 880-290, 880-345, 880-350, 880-388, 880-451 AND 880-459

GRP 3: SOC 880-252, 880-330, 880-353, 880-356, 880-365, 880-410, 880-455 AND 880-470

GRP 4: SOC 880-276, 880-372, 880-370, 880-374, 880-378 AND 880-379

4. SELECT 12 ELECTIVE CREDITS IN SOCIOLOGY EXCEPT COURSE 900-130

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**CRIMINAL JUSTICE EMPHASIS (BA/BS)**

MAJOR - 54 CREDITS

1. SOC 880-301, 880-276 AND 880-476
2. SOC 880-474 OR 880-475 (THE COURSE NOT SELECTED BECOMES AN ELECTIVE)
3. SELECT AT LEAST 1 COURSE FROM EACH OF THE 4 NUMBERED GROUPS BELOW. INCLUDE AT LEAST 9 CREDITS FROM COURSES NUMBERED 300 OR ABOVE.

GROUP 1: SOC 880-140, 880-250, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465

GROUP 2: SOC 880-265, 880-270, 880-290, 880-345, 880-388, 880-451 AND 880-459

GROUP 3: SOC 880-252, 880-330, 880-353, 880-356, 880-365, 880-410, 880-455 AND 880-470

GROUP 4: SOC 880-276, 880-372, 880-370, 880-374, 880-378 AND 880-379

4. SELECT 4 COURSES FROM:

GROUP 1: SOC 880-276, 880-370, 880-372, 880-374, 880-378 AND 880-379

GROUP 2: PSCI 820-316, 820-415, 820-419

GROUP 3: SOCW 860-235

GROUP 4: SFTY 460-255

5. SELECT 3 COURSES FROM (CANNOT COUNT BOTH 880-355 & 840-355; COURSES CREDITED TOWARD AREA 1 CANNOT BE CREDITED TOWARD AREA 2):

GROUP 1: SOC 880-276, 880-325, 880-352, 880-355, 880-370, 880-374, 880-378, 880-451, 880-459

GROUP 2: PSCI 820-316, 820-320, 820-421, 820-414,  
820-415, 820-419, 820-462

GROUP 3: SOCW 860-102, 860-235, 860-311, 860-380

GROUP 4: SFTY 460-255

GROUP 5: PSYC 840-304, 840-331, 840-332, 840-345, 840-355, 840-446, 840-486

GROUP 6: SPCH 166-228, 166-244, 166-328, 166-424

6. SELECT 1 GROUP FROM THOSE LISTED BELOW:
  - a. SOC 880-478 AND 880-493
  - b. SELECT 6 ELECTIVE CRED FROM SOCIOLOGY DEPT
7. SOCIOLOGY ELECTIVES TO TOTAL 30 CREDITS SELECTED WITH ADVISER OTHER SPECIALIZED ELECTIVES INCLUDE 880-490, 880-491, 880-494, 880-496, 880-498 AND 880-499
8. NO MORE THAN 15 CREDITS FROM ANY ONE DEPARTMENT MAY BE USED IN THIS EMPHASIS.
9. MAJOR WRITING REQUIREMENT IS SATISFIED BY SOC 880-474 OR 880-475 OR 880-478
10. COMPUTER LITERACY AND STATISTICS ARE SATISFIED BY SOC 880-476

### **SOCIAL STUDIES-BROADFIELD SOCIOLOGY I EMPHASIS (BSE)**

LICENSURE - 40-41 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492
10. SELECT 3 CREDITS FROM EDUC 400-496

## MAJOR - 54 CREDITS

1. THE 33 CRED SOCIOLOGY OPTION INCLUDES SOC 880-301 AND 880-476
2. SOC 880-474 OR 880-475 (THE COURSE NOT SELECTED BECOMES AN ELECTIVE)
3. SELECT 1 COURSE FROM THE 4 GROUPS LISTED BELOW

GRP 1: SOC 880-140, 880-250, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465

GRP 2: SOC 880-265, 880-270, 880-290, 880-345, 880-388, 880-451 AND 880-459

GRP 3: SOC 880-252, 880-330, 880-353, 880-356, 880-365, 880-410, 880-455 AND 880-470

GRP 4: SOC 880-276, 880-370, 880-372, 880-374 AND 880-378

4. SOCIOLOGY ELECTIVES TO TOTAL 33 CREDITS SELECTED WITH ADVISER OTHER SPECIALIZED ELECTIVES INCLUDE 880-490, 880-491, 880-494, 880-496, 880-498 AND 880-499
5. SELECT 12 ELECTIVE CREDITS IN SOCIOLOGY EXCEPT COURSE 900-130
6. SELECT 21 CREDITS FROM AT LEAST 2 OTHER SOCIAL SCIENCES DEPTS

## **SOCIAL STUDIES-BROADFIELD SOCIOLOGY II EMPHASIS (BSE)**

### LICENSURE - 40-41 CREDITS

1. C&I 437-466
2. EDFD 420-243 OR 420-445
3. SELECT 2 CREDITS FROM C&I 439-210
4. STUDENT TEACHING
  - a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
  - b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
5. C&I 437-430
6. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
7. ECON 230-213 OR 230-324 RLS
8. EDFD 423-212 AND 424-425
9. SELECT 3 CREDITS FROM COURSE C&I 439-492

10. SELECT 3 CREDITS FROM EDUC 400-496

MAJOR - 54 CREDITS

1. THE 21 CRED SOCIOLOGY OPTION INCLUDES SOC 880-301
2. SOC 880-474 OR 880-475 OR 880-476
3. SELECT 15 CREDITS FROM AT LEAST 2 OF THE 4 GROUPS IN SOCIOLOGY
4. SELECT 33 CREDITS FROM AT LEAST 3 OTHER SOCIAL SCIENCES DEPTS EXCLUDING CORE COURSES

**MINORS**

### **FAMILY AND HEALTH STUDIES**

MINOR - 24 UNITS

1. FAMILY: SELECT AT LEAST 6 UNITS:

PSYCH 331, PSYCH 332, SPECED 201, SOCWORK 235, SOCWORK 337, SOCIOLOGY 252, SOCIOLOGY 345, SOCIOLOGY 455, SOCIOLOGY 470, WOMENST 301, WOMENST 350

2. HEALTH: SELECT AT LEAST 6 UNITS

ECON 445, HEALTHED 360, SFTYGEN 255, SFTYIND 457, SPECED 205, SPECED 356, SPECED 364, SPECED 376, COMDIS 270, BIOLOGY 214, BIOLOGY 247, BIOLOGY 310, GEOGRAPHY 252, PHILSPHY 247, SOCIOLOGY 410

3. ELECTIVES: SELECT

12 UNITS (CANNOT COUNT COURSES ALREADY SELECTED TO SATISFY AREA 1 & 2 REQUIREMENTS)

SPEECH 228, SPEECH 328, SPEECH 424, RECREATN 232, RECREATN 360, HISTORY 455, PHILSPHY 247, PHILSPHY 365, POLISCI 330, POLISCI 462, PSYCH 202, PSYCH 304, PSYCH 331, PSYCH 332, PSYCH 355, PSYCH 486, PSYCH 489, SOCWORK 102, SOCWORK 235, SOCWORK 311, SOCWORK 337, SOCIOLOGY 252, SOCIOLOGY 330, SOCIOLOGY 345, SOCIOLOGY 355, SOCIOLOGY 370, SOCIOLOGY 410, SOCIOLOGY 455, SOCIOLOGY 470, WOMENST 301, WOMENST 320, WOMENST 350, WOMENST 380, WOMENST 392

4. NO MORE THAN 12 UNITS CAN BE TAKEN FROM ANY ONE DEPARTMENT

CANNOT COUNT BOTH BIOLOGY 247 AND PHILSPHY 247

CANNOT COUNT BOTH PSYCH 355 AND SOCIOLOGY 355

## **SOCIOLOGY**

MINOR - 24 CREDITS

1. SOC 880-301
2. SELECT ONE COURSE FROM SOC 880-474 OR 880-475 OR 880-476
3. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:

GRP 1: SOC 880-140, 880-250, 880-290, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465

GRP 2: SOC 880-265, 880-270, 880-290, 880-345, 880-350, 880-388, 880-451 AND 880-459

GRP 3: SOC 880-252, 880-330, 880-353, 880-356, 880-365, 880-410, 880-455 AND 880-470

GRP 4: SOC 880-276, 880-370, 880-372, 880-374, 880-378 AND 880-379

4. SELECT CREDITS FROM COURSES NOT CHOSEN IN REQUIREMENT 3 TO TOTAL 21 CRED FOR MINOR

## **CRIMINAL JUSTICE**

Ron Berger, Coordinator

The Criminal Justice Minor is an interdisciplinary field of study that integrates career-development goals with a liberal arts curriculum. The Minor consists primarily of social and behavioral science courses that will enhance students' understanding of the nature and causes of criminal and delinquent behavior and the operation of the criminal justice system in the United States. It will help prepare students to pursue careers in law enforcement (local, state, and federal), adult and juvenile probation and parole, correctional counseling and group home work, private security, and criminal justice research.

MINOR - 24 CREDITS

1. SELECT 5 COURSES FROM:

GROUP 1: SOC 880-276, 880-370, 880-372, 880-374, 880-378, 880-379

GROUP 2: PSCI 820-316, 820-415, 820-419

GROUP 3: SOCW 860-235

GROUP 4: SFTY 460-255

2. SELECT 3 COURSES FROM (CANNOT COUNT BOTH 880-355 & 840-355; COURSES CREDITED TOWARD AREA 1 CANNOT BE CREDITED TOWARD AREA 2):

GROUP 1: SOC 880-276, 880-372, 880-352, 880-355, 880-370, 880-374, 880-378, 880-379, 880-451, 880-459

GROUP 2: PSCI 820-316, 820-320, 820-421, 820-414, 820-415, 820-419, 820-462

GROUP 3: SOCW 860-102, 860-235, 860-311, 860-380

GROUP 4: SFTY 460-255

GROUP 5: PSYC 840-304, 840-331, 840-332, 840-345, 840-355, 840-446, 840-486

GROUP 6: SPCH 166-228, 166-244, 166-328, 166-424

3. NO MORE THAN 12 CREDITS FROM ANY ONE DEPARTMENT MAY BE USED IN THIS MINOR.

## **880 COURSE DESCRIPTIONS**

### **880-140 INTRODUCTORY SOCIOLOGY GS 3 cr**

The study of human social relations with emphasis on culture, socialization, social structure and change, and the major social institutions.

### **880-250 SOCIAL PROBLEMS (GROUP 1 COURSE) GS 3 cr**

The study of specific social problems through the application to them of perspectives attempting to explain their existence, and relating these problems to fundamental structures and processes making up society.

### **880-252 MARRIAGE AND THE FAMILY (GROUP 3 COURSE) GS 3 cr**

A course of study designed to familiarize the student with social and cultural patterns of mate selection, marriage, and family life involvement. Particular emphasis on changing perceptions surrounding gender roles and the institutions of marriage and family in contemporary United States.

**880-265 RACE AND ETHNIC RELATIONS (GROUP 2 COURSE) GS/Diversity  
3 cr**

This course examines relationships between racial minorities and the majority group in the United States in their socio-historical contexts. Early histories of relations between minorities and the majority as well as present relations will be addressed. Questions raised include whether American society should attempt to minimize differences between minorities and the majority and blend, or maintain group identities; and how do we address existing barriers and inequalities. Relationships and differences among minority groups will also be examined.

**880-270 THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL  
PERSPECTIVE (GROUP 2 COURSE) GS/Diversity 3 cr**

This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people. Unreq: 614-270.

**880-276 INTRODUCTION TO CRIMINOLOGY (GROUP 4 COURSE) GS 3 cr**

An introduction to the field of criminology through examination of theories and patterns of criminal behavior, the operation of the criminal justice system, and the politics of crime control policy.

**880-280 INTRODUCTION TO AUSTRALIAN STUDIES: AUSTRALIAN  
SOCIETY GS 3 cr  
& CULTURE**

The course will focus on Australia in the twentieth century and will explore five major themes. They are: (1) Racial and National Identities. When the Australian nation was created on 1 January 1901, immigration control was a critical issue. British Australians were determined that Australia should remain a "white" society. Students will analyze how this historical legacy continues to impact indigenous and immigrant communities. (2) Comparisons with the United States. Students will examine societal, cultural, and political-economic similarities and differences between Australia and the United States. Close attention will be given to the process of establishing and rekindling a national identity, involving the comparative symbolism of nationhood and federalism. (3) Australia-Asia Interdependencies. Over the last thirty years, Australia's economic and cultural ties to Asia have intensified to the point where Australia is now commonly regarded as being "part of Asia." Students will examine the extent and effects of this "Asianization process." (4) The Impacts of Globalization on Australia. As the corporate forces of globalization diminish national sovereignty, claims for national and cultural identity are called increasingly into question. Students will explore the impacts of globalization in the Australian context, including the rise of grassroots, anti-globalization movements in the country. (5) Contemporary Debates. Several key issues define contemporary Australian society. Among them are



the following: Aboriginal reconciliation, environmental management, federalism-republicanism, tax reform, immigration, trade and investment. By studying the terms of these debates, students will gain insight into the emergence of a successful, multicultural democracy in the world's driest continent. No discussion is complete without at least some mention of the Australian sense of humor that colorfully describes and summarizes these debates.

Prereq: 900-130 or 900-140 or 900-120 or consent of instructor.

### **880-290 INTRODUCTION TO MODERN EAST ASIAN SOCIETIES GS 3 cr**

The course offers a multi-disciplinary survey of social, economic and political issues in societies of the geographic-cultural region of East Asia or the Pacific Rim. The region includes Southeast (Indonesia, Malaysia, Singapore, Thailand) and East Asia (China, Korea, Japan). The stress is on the contemporary situation and recent past. The course will provide students with an introduction to a non-Western region and is a foundation for the further study of Asia. The specific issues discussed and range of countries to be examined may vary by semester.

Prereq: 900-130 and 900-140.

### **880-301 SOCIOLOGICAL ANALYSIS 3 cr**

Students in this course will learn about the knowledge creation process by reading original research monographs. In addition, students will gain "hands-on" experience in posing sociological questions and in trying to answer those questions through the analysis of computer-based data sets such as the General Social Survey.

Prereq: Sociology major (including Criminal Justice Emphasis) or minor, plus three credit course in sociology and 900-130.

### **880-330 SOCIOLOGY OF EDUCATION (GROUP 3 COURSE) 3 cr**

A study of educational institutions as a social system; role relationships; community contexts; relevant values and ideals.

Prereq: 3 cr. of sociology.

### **880-340 SOCIAL MOVEMENTS AND COLLECTIVE BEHAVIOR (GROUP 1 COURSE) 3 cr**

An examination of the causes and consequences of social movements and collective behavior, including such phenomena as riots; fads; panic; trade unions; reform, revolutionary, and liberation movements; utopian communities.

Prereq: 3 crs. of sociology.

### **880-345 SOCIOLOGY OF GENDER (GROUP 2 COURSE) 3 cr**

This course will analyze gender as a process and as a social institution. It will examine how we can experience gender in ways that maintain existing gender relations or in

ways that challenge them.

Prereq: 890-100 or 3 crs. of sociology.

### **880-350 CONTEMPORARY JAPANESE SOCIETY 3 cr**

This course examines contemporary Japanese society. It includes a study of social institutions, processes, and culture of Japan. The course examines following areas, (a) culture (beliefs, customs, social identity); (b) social institutions (family, religion, education, work, media); (c) societal processes (socialization, deviance, urbanization); (d) inequalities (gender, income, race-ethnic, region), and (e) the politics, economy, and international position of Japan.

Coreq: 722-364, 740-130, 740-433, 786-211, 786-303, 820-460, 230-451, 680-258 or 880-290 or 4 credits of Japanese language instruction or consent of instructor.

### **880-352 URBAN SOCIOLOGY (GROUP 1 COURSE) 3 cr**

A study to acquaint the student with historical development of urban centers, the increasing societal dominance of urbanism, the aspects of urbanism that constitute societal problems as well as societal contributions and new urban trends such as suburbanism and urban renewal.

Prereq: 3 crs. of sociology.

### **880-353 SOCIOLOGY OF RELIGION (GROUP 3 COURSE) 3 cr**

A study of the function and forms of religious groups in primitive and contemporary societies; a theoretical examination of religion as a basic social institution. (Offered jointly with Religious Studies.)

Prereq: 3 crs. of sociology. Unreq: 786-353.

### **880-355/555 SOCIAL PSYCHOLOGY (GROUP 1 COURSE) 3 cr**

An examination of the process and results of human interaction with an emphasis on attitudes and attitude change, society and personality, inter-group relations and processes of socialization.

Prereq: 3 crs. of sociology.

### **880-356 POLITICAL SOCIOLOGY (GROUP 3 COURSE) 3 cr**

An analysis of the impact of social cleavages and cohesions on the operation of political institutions; the composition and behavior of power elites; the social bases of political power; and the social functions of electoral behavior. (Offered jointly with Political Science.)

Prereq: 880-140 or 820-141.

Unreq: 820-356.

### **880-362/562 POPULATION DYNAMICS (GROUP 1 COURSE) 3 cr**

A study of the development of world population and the social significance of

different population sizes and growth rates; emphasis on the social determinants of fertility, mortality and migration.

Prereq: 3 crs. of sociology.

**880-365 SOCIOLOGY OF LAW (GROUP 3 COURSE) 3 cr**

An introduction to the interdependence of law and society through an analysis of legal concepts and organization from a sociological view.

Prereq: 3 crs. of sociology.

**880-370/570 JUVENILE DELINQUENCY (GROUP 4 COURSE) 3 cr**

A study of the incidence of delinquency, theories and findings regarding causation, and the policies designed for treatment and prevention of delinquency.

Prereq: 880-276 or consent of instructor.

**880-372/572 WHITE-COLLAR CRIME (GROUP 4 COURSE) 3 cr**

An examination of the patterns, causes, costs, and strategies of controlling non-traditional crime committed by persons of respectability and high social status. Topics covered include: occupational crime and employee theft, the mafia and criminal syndicates, corporate crime, and governmental crime. Particular attention is given to the origin and control of criminal behavior that helps organizations achieve their operational goals.

Prereq: 880-276 or consent of instructor.

**880-374 SOCIOLOGY OF CRIMINAL JUSTICE: POLICE AND THE COURTS (GROUP 4 COURSE) 3 cr**

A sociological analysis of the development and behavior of the police, lawyers, prosecutors and judiciary in society and their role in social control.

Prereq: 880-276 or consent of instructor.

**880-378 SOCIOLOGY OF CRIMINAL JUSTICE: CONTROL AND REHABILITATION OF THE OFFENDER (GROUP 4 COURSE) 3 cr**

The critical analysis of probation, parole, halfway houses, jails and prisons. Their origins in and possible function for the larger society will also be examined. Field trip is required.

Prereq: 880-276 or consent of instructor.

**SOCIOLOGY 393 WOMEN AND CRIME 3 cr**

This course examines the frequency and nature of female offending; the frequently blurred boundaries of female victimization and criminalization; the role of criminal law, police, and courts in the processing of female offenders; and the role of "correctional" institutions, prisons, and contemporary alternatives in the punishment

of female offenders.

Prereq: WOMENTST 100 or SOCIOLOGY 276.

**880-380/580 ORGANIZATIONS AND SOCIETY (GROUP 1 COURSE) 3 cr**

An examination of the growth and role of organizations in society with specific attention to American society.

Prereq: 3 crs. of sociology.

**880-385 SOCIAL CHANGE (GROUP 1 COURSE) 3 cr**

A survey course designed to critically examine the sociological theories of change. Also examines contemporary empirical developments and their relevance for social policy. Illustrations will be drawn from work done in the developing countries.

Prereq: 3 crs. of sociology.

**880-388/588 THE HOLOCAUST: NAZI GERMANY & THE GENOCIDE OF THE JEWS (GROUP 2 COURSE) 3 cr**

This course will examine the origins, implementation, and legacies of the Nazi Holocaust against the Jews. It is intended to help students gain an appreciation of the importance of the Holocaust to the Jewish experience, while understanding that other groups also were victimized. (Offered jointly with religious studies).

Prereq: 3 credits of sociology, history or religious studies.

Unreq: 786-388/588.

**880-410/610 SOCIOLOGY OF HEALTH AND ILLNESS (GROUP 3 COURSE) 3 cr**

This course examines the sociocultural aspects of health and illness, the patient-practitioner relationship, the socialization of health practitioners, the social organization of health care services, and the role of ethics in medical decision-making. It analyzes the problems and inequities in our present system of health care delivery in the United States, with particular emphasis on the sexism, racism, and classism in policy and practice. It analyzes alternative models of health care delivery, and discusses modifications in policy and practice necessary to bring about change.

Prereq: 6 credits in sociology including 880-301 or consent of instructor.

**880-451/651 SOCIAL STRATIFICATION AND SOCIAL INEQUALITY (GROUP 2 COURSE) 3 cr**

An analysis of the causes, consequences, and remedies of inequalities in power, income, wealth, authority, ethnic and social status.

Prereq: 6 cr. in sociology including 880-301 or consent of instructor.

**880-455/655 SOCIOLOGY OF THE FAMILY (GROUP 3 COURSE) 3 cr**

An analysis of the family as a social institution with emphasis on its development,

characteristics, and condition in a rapidly changing social milieu.

Prereq: 6 crs. in sociology including 880-301 or consent of instructor.

### **880-459/659 PROCESSES AND PATTERNS OF (GROUP 2 COURSE)**

**Diversity 3 cr**

#### **RACIAL/ETHNIC INEQUALITY**

An examination of the circumstances under which racial and ethnic groups receive privileged or disadvantaged social locations. Particular consideration is given to theories of racial and ethnic inequality and the process that form the structures of differential and unequal relations in society. A cross-national comparison of the social construction of race and ethnicity will provide additional context of understanding patterns and theories of race and ethnic relations.

Prereq: SOCIOLOGY 265 OR RACEETH 380/580 OR WOMENST 370/570 OR EDFOUND 243 OR AFRIAMR 100 OR AFRIAMR 141 OR CHICANO 150 OR AMERIND 102 OR CIGENRL 350/550 OR GEOGRPY 430

### **880-465/665 EXTRAORDINARY GROUPS: THE SOCIOLOGY OF INTENTIONAL COMMUNITIES (GROUP 1 COURSE) 3 cr**

This course is a sociological analysis of a selection of unique groups in our society that illustrates its tremendous range of subcultural diversity. The groups studied are chosen for three reasons: they illustrate major sociological principles in concrete form, they are diverse, and they are interesting.

Prereq: 6 crs. in sociology including 880-301 or consent of instructor.

### **880-470 AFRICAN AMERICAN FAMILIES (GROUP 3 COURSE) Diversity 3 cr**

This course will survey the historical development of the Afro-American Family from Africa to modern times. Significant events (e.g., the slave trade, slavery, and migration) will be scrutinized in order to ascertain their role in shaping the contemporary Black Family life. Other important social and economic forces will be illuminated to assess their impact. The latest body of literature models, paradigms, hypotheses, and statistical findings will be critically examined to enhance understanding of modern day Black Family premarital and marital relations, adaptive patterns, and dislocations. (Offered jointly with Afro-American Studies.)

Prereq: (614-100 or 880-140) and (614-270 or 880-252) or consent of instructor.

### **880-474 CLASSICAL SOCIOLOGICAL THEORY 3 cr**

An examination of the ideas and theories of the major classical sociologists, both European and American, the collective thrust of whose works is largely a critique of capitalism and the effects of the industrial revolution upon traditional social structure.

Prereq: 6 crs. in sociology including 880-301 or consent of instructor.

**880-475/675 CONTEMPORARY SOCIOLOGICAL THEORY 3 cr**

An advanced approach to the study of contemporary sociological theory, giving emphasis to the major assumptions, concepts, propositions and methodology of the main perspective.

Prereq: 6 crs. in sociology including 880-301 or consent of instructor.

**880-476/676 METHODS OF SOCIAL RESEARCH 3 cr**

To acquaint the student with research methods in sociology and the social sciences; the foundation of sociology in science, the role of theory in research, construction of the research design, sampling, data gathering techniques and analysis and interpretation of data.

Prereq: 6 crs. in sociology including 880-301 or consent of instructor.

**880-478 SOCIOLOGY IN PRACTICE 3 cr**

This course will examine the ways in which sociology can be applied in both academic and non-academic settings and the various alternative careers open to sociology students. Special attention will be given to the ethical issues involved in sociological research and practice and to the impact of sociology and sociologists upon the decision making process in both the public and private sectors. This course is required for Sociology majors who are planning to take the Applied Sociology 880-493.

Prereq: 6 crs. in sociology including 880-301 or consent of instructor.

**880-490/690 WORKSHOP 1-6 cr**

Repeatable.

Prereq: Consent of instructor.

**880-491 TRAVEL STUDY 1-3 cr**

Repeatable.

**880-493 APPLIED SOCIOLOGY 1-12 cr**

This course involves a supervised internship in a public or private organization. Through on campus seminars and written assignments on the intern experience, students learn how sociology can be applied to solve social problems. Repeatable for a maximum of 6 credits in degree.

Prereq: 880-478. Restricted to sociology majors, or criminal justice or sociology minors, and junior or senior standing.

**880-494/694 SEMINAR IN SOCIOLOGY 3 cr**

Repeatable.

Prereq: Consent of instructor.

**880-496/696 SPECIAL STUDIES 1-3 cr**

Repeatable.

Prereq: 6 cr. in sociology or consent of instructor.

**880-498 INDEPENDENT STUDY 1-3 cr**

Open to majors and minors in sociology.

Repeatable.

Prereq: Junior or senior standing and staff approval.

**880-499 SENIOR HONORS 1-3 cr**

Provides opportunity for selected students to work with special topics in the field of sociology under the direction of one or more members of the staff.

Prereq: Senior standing and invitation of the staff.

**DEPARTMENT OF WOMEN'S STUDIES AND ANTHROPOLOGY**

*Phone:* 262-472-1042

*E-Mail:* [wmnanth@uwwvax.uww.edu](mailto:wmnanth@uwwvax.uww.edu)

*Faculty:* Rebecca Hogan, Karen Kirst-Ashman, Mary Emery, Geneva Moore, Andrea Musher, Andrea Nye, Star Olderman (Chairperson), Joan Schwarz, Patricia Searles, Sharon Tiffany, Janet Wright, Devoney Looser.

Women's Studies is an interdisciplinary area that explores new knowledge about women--their experiences, roles, achievements--and investigates issues related to their lives. Assessing past and current theories and research about women, Women's Studies also contributes theoretical and practical knowledge for both female and male students. It provides a valuable interdisciplinary perspective on the major academic disciplines as well. The Women's Studies Major is a valuable asset in many areas of employment (e.g., business, industry, teaching, law, health, social work, communications, counseling and research). The Women's Studies Minor and a 15-credit certificate in Woman's Studies have been approved for students in all curricula. The Women's Studies minor or certificate is useful in many areas of employment (e.g., business, industry, teaching, social work, law, health, communications, research and counseling).

Women's Studies courses (prefix 890) are required of majors and minors, but are open to students in all curricula, some as general studies courses, some as general electives. New courses with a focus on women are being developed, and existing courses are

being offered on a rotating basis. Students should obtain the most recent lists from the Women's Studies Chairperson.

## **MAJOR**

### **WOMEN'S STUDIES (BA/BS)**

MAJOR - 33 UNITS

1. WOMENST 100

2. WOMENST 489

3. SELECT 3 UNITS FROM COURSES

WOMENST 370, ANTHROPL 334, ANTHROPL 494, ANTHROPL 496 AND ENGLISH 368

4. WOMENST 360 OR SOCIOLOGY 410 OR ANTHROPL 496 OR ANTHROPL 494

5. WOMENST 280 OR PHILSPHY 390

6. SELECT 3 UNITS FROM COURSES

WOMENST 303, ARTHIST 305, ENGLISH 264, ENGLISH 368, ENGLISH 463, ENGLISH 464, HISTORY 313, HISTORY 314, HISTORY 326, PHILSPHY 390, RELIGST 330, AND SPEECH 326

7. SELECT 3 UNITS FROM COURSES

WOMENST 240, WOMENST 250, WOMENST 350, WOMENST 380, WOMENST 392, ANTHROPL 334, ANTHROPL 494, ANTHROPL 496, POLISCI 380, PSYCH 202, SOCIOLOGY 345, SOCIOLOGY 410, AND SOCWORK 341

8. SELECT 6 UNITS FROM COURSES

WOMENST 303, WOMENST 320, WOMENST 350, WOMENST 360, WOMENST 370, WOMENST 380, WOMENST 392, WOMENST 490, WOMENST 493, WOMENST 496 AND WOMENST 498

9. SELECT 6 UNITS FROM APPROVED WOMENS

STUDIES COURSES APPROVED BY AN ADVISER

WRITING PROFICIENCY - 3 UNITS

1. WOMENST 489

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

## **MINOR**

### **WOMEN'S STUDIES**



## MINOR - 21 UNITS

1. WOMENST 100
2. WOMENST 489
3. WOMENST 280 OR PHILSPHY 390
4. SELECT 3 UNITS FROM COURSES  
WOMENST 240, WOMENST 250, WOMENST 350, WOMENST  
380, WOMENST 392, ANTHROPL 334, ANTHROPL 494 (WOMEN AND SOCIAL  
CHANGE), POLISCI 315, PSYCH 202, SOCWORK 341, SOCIOLOGY 345 AND  
SOCIOLOGY 410
5. SELECT 9 UNITS FROM APPROVED WOMENS  
STUDIES COURSES APPROVED BY AN ADVISER

### **STUDIES COURSES APPROVED BY AN ADVISER**

Certificate requirements: 15 credits in courses approved for the Women's Studies Minor; at least six of these credits must be in courses with the 890 prefix.

## **890 COURSE DESCRIPTIONS**

### **890-100 INTRODUCTION TO WOMEN STUDIES GE 3 cr**

An investigation of women's experience from the perspective of various disciplines. The course examines the ways gender interacts with ethnicity, race, class and sexuality and explores contemporary and historical issues related to women's lives. Included are such subjects as health and body image, violence against women, and women's achievements.

### **890-240 WOMEN AND WORK GE 3 cr**

This course focuses on the recent successes as well as the problems women face in the work force. It provides an overview of the changing nature of work in the United States and of the history of women from diverse groups and backgrounds.

Prereq: Sophomore standing or consent of instructor.

### **890-250 WOMEN IN AMERICAN CULTURE GE 3 cr**

This course is a study of women's contributions and their representation in such areas of American culture as literature, art, crafts, music, film, letters and diaries--from the mid-Nineteenth Century to contemporary times. Students will also explore how the dominant ideas and images of American culture interact with the real lives of diverse

groups of women.

Prereq: Sophomore standing or consent of instructor.

### **890-280 FEMINIST THEORIES 3 cr**

An introduction to historical and contemporary feminist theories, with emphasis on critical reading and analysis of original works by major feminist writers.

Prereq: 890-100 and sophomore standing.

### **890-303/503 WOMEN'S VOICES/WOMEN'S LIVES 3 cr**

A study of the lives of women in different ages and cultures. Women's roles in society as revealed in diaries, autobiography and biography are explored.

Prereq: Sophomore standing.

### **890-320/520 LESBIAN STUDIES 3 cr**

This course will introduce students to an array of interdisciplinary texts that present issues relevant to perceiving lesbian lives. Readings will include legal, scientific, and philosophic theory, studies by social scientists and historians, multicultural perspectives and literary works. There will be four units; 1) Defining our Terms, 2) Idea(l)s of Community, 3) Life-Cycle Choices, 4) Research on Current Issues.

Prereq: Completion of Introduction to Women's Studies (890-100) and sophomore standing.

### **890-350/550 STAGES AND TRANSITIONS IN WOMEN'S LIVES 3 cr**

A study of identity issues that women may face in their adult lives, including specific transitions such as entering and/or leaving relationships; work patterns; parenting; caregiving; coping with loss; retirement; and facing the challenges of aging.

Prereq: Sophomore standing.

### **890-360/560 WOMEN, SCIENCE, AND SOCIETY 3 cr**

Historical survey of women's contributions to science; case studies of modern women scientists; feminism and scientific knowledge.

Prereq: Junior standing or 890-100.

### **890-370/570 WOMEN: RACE AND ETHNICITY GE/Diversity 3 cr**

This course will provide an examination of Native American, African American, Hispanic, and Asian American women in the broad areas of work, family/community relationships, creativity, and social action.

Prereq: Junior standing or 890-100.

### **890-380/580 GENDER AND THE LAW GE 3 cr**

A study of legal, social, and moral issues related to gender, such as the definition of sexual difference, inequality in the workplace, lesbian and gay rights. How those

issues have been handled historically and normatively within the legal system will be investigated.

Prereq: Junior standing or consent of instructor.

**890-392/592 WOMEN AND VIOLENCE 3 cr**

This course will analyze causes and effects of violence against women, forces and conditions that lead women to perpetrate violence, treatment of women as both victims and perpetrators by the criminal justice system, and strategies for ending violence.

Prereq: 890-100 or 880-345.

**WOMENST 464/664 WOMEN IN INTERNATIONAL RELATIONS 3 u**

This course is designed to provide students with the opportunity to study and analyze international relations from a multi-disciplinary perspective. It will examine current understandings of the causes, processes and structures of international relations, violent conflict, as well as resolution of those conflicts and peace within the context of Feminist theories. The goal is to examine the role of women in international relations, international security, conflict and peace through different approaches to the study of conflict and how it is understood. The course will consider both the strength and limitations of various disciplinary approaches.

The traditional approaches to international relations, international security, international conflict and peace reflect viewpoints consistent with masculine perspectives on power and security. The goal is to consider how the limitations of the approaches can be effectively challenged and what alternatives might be offered. Themes for discussion will include gender, race, ethnicity, nationalism, state, community, conflict and peace.

Prereq: Three units of political science or three units of women's studies.

**890-489 ADVANCED SEMINAR IN WOMEN'S STUDIES 3 cr**

An intensive, integrative study of selected issues in Women's Studies, emphasizing critical thinking and research techniques. A substantial research paper is required.

Prereq: 890-100 and either 890-280 or 782-390.

**890-490/690 WORKSHOP IN WOMEN'S STUDIES 1-6 cr**

Repeatable.

Prereq: Consent of instructor.

**890-493 INTERNSHIP IN WOMEN'S STUDIES 3 cr**

Work and study with an agency or institution related to women's issues. Students working under faculty supervision will combine academic learning with practical

experience.

Prereq: 12 credits in courses approved for the Women's Studies Minor and approval of Women's Studies Internship Committee.

### **890-496/696 SPECIAL STUDIES 1-4 cr**

Repeatable.

Prereq: Consent of instructor.

### **890-498 INDEPENDENT STUDY 1-3 cr**

Repeatable.

Prereq: Cons instr and 6 cr. from the approved course list or approval of the Women's Studies Chairperson.

## **ANTHROPOLOGY**

*Faculty:* Professors Sharon W. Tiffany, Walter W. Tiffany.

Students with a wide variety of academic backgrounds and vocational interests find that elective courses in anthropology make a valuable contribution to their university experience. Anthropology is the study of humanity, past and present, in both simple and complex societies. Archeologists reconstruct vanished civilizations from their material remains. Physical anthropologists tell the story of human evolution and biological variation in modern populations. Cultural and social anthropologists study cultures throughout the world in order to understand recurrent regularities in human behavior. Economic systems, political and legal institutions, religious behavior, family organization, child rearing practices and the formation of personality are all elements of culture studied by anthropologists.

## **892 COURSE DESCRIPTIONS**

### **892-110 INTRODUCTORY ANTHROPOLOGY GS 3 cr**

An introductory survey of major divisions in the field of anthropology. Topics include the origins of Homo sapiens, the rise of civilization, genetic variation among contemporary human groups, linguistics, and the cross-cultural study of societies at differing levels of organizational complexity.

### **892-218 CULTURAL ANTHROPOLOGY GS 3 cr**

Varieties of human cultures past and present throughout the world, emphasizing the comparative study of social systems.

**892-324 PEOPLES AND CULTURES OF THE PACIFIC GS 3 cr**

Survey of the prehistory and contemporary cultures of Pacific Island societies: Polynesia, Micronesia, Melanesia, Island South East Asia, and Australia. Area topics vary.

Prereq: Individual and Society or Global Perspectives or junior standing.

**892-334/534 WOMEN IN CROSS-CULTURAL PERSPECTIVE GS 3 cr**

Anthropological approaches to the cross-cultural study of gender relations with emphasis on societies of the non-Western world. Topics vary.

Prereq: Individual and Society or Global Perspectives or sophomore standing.

**892-490 ANTHROPOLOGY WORKSHOP 1-6 cr**

Repeatable. Prereq: Consent of instructor.

**892-494/694 ANTHROPOLOGY SEMINAR Repeatable 3 cr**

**892-496/696 SPECIAL STUDIES IN ANTHROPOLOGY 3 cr**

Repeatable. Prereq: 6 credits in anthropology or consent of instructor.

**892-498 INDEPENDENT STUDY IN ANTHROPOLOGY 1-3 cr**

Repeatable. Prereq: Jr or sr st and cons instr.

## **900 COURSE DESCRIPTIONS**

**900-110 WORLD OF THE ARTS GA 3 cr**

This course exposes students to the areas of Dance, Music, Theatre, and Visual Art. Students will gain insight into the basic components of the arts, the role of art in society, and be given an historical perspective on art. Students will attend performing arts events and see work in the gallery context. Both western and non-western arts will be explored. May not be taken on an S/NC grade basis.

Unreq: 100-105.

**900-120 THE UNITED STATES EXPERIENCE IN A WORLD CONTEXT GH 3 cr**

This course examines the development of the United States, its peoples, cultures, values, and institutions, in a global context of comparative history focusing on the changing role of the U.S. in the world. Drawing from 18th and 19th century backgrounds, the course will primarily consider 20th century developments. May not be taken on a S/NC grade basis.

Unreq: 740-105.

### **900-130 INDIVIDUAL AND SOCIETY GS 3 cr**

This course critically examines how people influence and are affected by their social worlds from the perspectives of anthropology, psychology, sociology and women's studies. The course focuses on how we experience life as individuals and as members of cultural systems that shape our personalities, behavior, and perceptions of the world. May not be taken on an S/NC grade basis.

Unreq: 840-105, 880-105, 890-105 and 892-105.

### **900-140 GLOBAL PERSPECTIVES GS 3 cr**

This course introduces students to key terms, concepts, issues and relationships in economics, geography and political science. The course investigates how increasing globalization impacts issues such as the authority and competence of the nation-state, population growth and migration, economic development and trade and patterns of international cooperation and conflict. May not be taken on an S/NC grade basis.

Unreq: 230-105, 722-105, 820-105.

### **900-390 THE WORLD OF IDEAS GH 3 cr**

This course examines themes and issues that have had a significant impact upon the world's civilizations. Readings will focus on primary texts representing major historical periods, world cultures, and diverse perspectives. This course will stress critical and analytical thought, drawing upon knowledge obtained in this and earlier core courses. May not be taken on a satisfactory/no credit grade basis.

Prereq: 680-101 and 680-102, junior standing, and completion of all other core courses. Unreq: 600-390.

## **INTRAUNIVERSITY**

### **900-010 AN INTRODUCTION TO UNIVERSITY LIFE 1 cr**

A course designed to help new freshmen successfully cope with the new experience of university life. Students will explore ways to improve their study skills and master time management strategies while practicing writing techniques which will enhance communication abilities. Students will also develop skills of social interaction, self-awareness and development, interpersonal communication, and decision making. The university's resources, policies and procedures will be reviewed. (Students who need help with specific study techniques may also wish to enroll in 930-050

Study/academic Survival Skills.)

### **INTRAUNV 104 NEW STUDENT SEMINAR GI 1 cr**

This course is designed to help facilitate a positive adjustment to the first year of college through the development of both written and oral communication skills, critical thinking skills, and group presentation skills. Students will: explore the purposes of higher education and its potential outcomes; develop skills of social

interaction, self-awareness, and personal development through team projects and class presentations, attendance at university events, and programs promoting an appreciation of diversity; review the university's resources, policies, and procedures; investigate personal interests and strengths while setting academic and personal goals; and learn effective skills to help them cope with the world around them.

Prereq: Open to Freshmen Only.

### **900-494 SEMINAR 1-3 cr**

An advanced level undergraduate seminar that offers broad opportunities for study of university-wide issues with small group discussion. Repeatable for a maximum of 6 credits.

Prereq: Junior standing or consent of instructor.

## **930 COURSE DESCRIPTIONS**

### **930-050 STUDY/ACADEMIC SURVIVAL SKILLS 3 cr**

Examination of effective learning strategies and study behaviors and their application. Emphasis is upon developing a recognition of necessary academic survival skills, their application on an individual basis, and establishing a repertoire of metacognitive techniques. This course does not count toward the 120 hours required for graduation.

### **930-060 COLLEGE READING 3 cr**

The course includes analysis of college-level textbooks and research articles. The course also includes comprehension and comprehension monitoring strategies, vocabulary development and efficient reading strategies. This course does not count toward the 120 hours required for graduation.

### **930-080 PASS (Partnership for Achieving Student Success) WORKSHOP 1-3 cr**

Weekly workshop sessions will help students to develop critical thinking, reading, and writing skills, as well as enable them to identify immediated and long-range academic and personal goals, to gain a better understanding of their rights and responsibilities as students and citizens, to learn about and practice effective time and stress management techniques, to acquaint them with various available student support services, and to establish sound relationships with both the instructor/academic advisor or the workshop and their other UWW instructors.

Prereq: The target group of students for this workshop will be second term freshmen

who earned a 1.0 or below during the their first term. Any upper division student who has been reinstated by the College of Letters and Sciences after a successful appeal to the Academic Standards Committee will also have the option of enrolling in this workshop.

## **940 COURSE DESCRIPTIONS**

### **940-244 CONSUMERS AND CULTURE GI 3 cr**

The history of consumption and its associated values, the study of subcultures and their buying behaviors, and the effect of consumer activism on the ways that business operates will comprise the major topics of the course. Discussion, writing, and research will help students make the material relevant to their own lives.

Prereq: 680-102 and 900-140.

### **940-246 BUSINESS ETHICS GI 3 cr**

A critical examination and discussion of ethical issues and problems which arise within all areas of business. Topics such as the morality of capitalism, ethics in the marketplace, business and the environment, and the ethics of job discrimination will be considered.

## **900 COURSE DESCRIPTIONS**

### **900-110 WORLD OF THE ARTS GA 3 cr**

This course exposes students to the areas of Dance, Music, Theatre, and Visual Art. Students will gain insight into the basic components of the arts, the role of art in society, and be given an historical perspective on art. Students will attend performing arts events and see work in the gallery context. Both western and non-western arts will be explored. May not be taken on an S/NC grade basis.

Unreq: 100-105.

### **900-120 THE UNITED STATES EXPERIENCE IN A WORLD CONTEXT GH 3 cr**

This course examines the development of the United States, its peoples, cultures, values, and institutions, in a global context of comparative history focusing on the changing role of the U.S. in the world. Drawing from 18th and 19th century backgrounds, the course will primarily consider 20th century developments. May not be taken on a S/NC grade basis.

Unreq: 740-105.



### **900-130 INDIVIDUAL AND SOCIETY GS 3 cr**

This course critically examines how people influence and are affected by their social worlds from the perspectives of anthropology, psychology, sociology and women's studies. The course focuses on how we experience life as individuals and as members of cultural systems that shape our personalities, behavior, and perceptions of the world. May not be taken on an S/NC grade basis.

Unreq: 840-105, 880-105, 890-105 and 892-105.

### **900-140 GLOBAL PERSPECTIVES GS 3 cr**

This course introduces students to key terms, concepts, issues and relationships in economics, geography and political science. The course investigates how increasing globalization impacts issues such as the authority and competence of the nation-state, population growth and migration, economic development and trade and patterns of international cooperation and conflict. May not be taken on an S/NC grade basis.

Unreq: 230-105, 722-105, 820-105.

### **900-390 THE WORLD OF IDEAS GH 3 cr**

This course examines themes and issues that have had a significant impact upon the world's civilizations. Readings will focus on primary texts representing major historical periods, world cultures, and diverse perspectives. This course will stress critical and analytical thought, drawing upon knowledge obtained in this and earlier core courses. May not be taken on a satisfactory/no credit grade basis.

Prereq: 680-101 and 680-102, junior standing, and completion of all other core courses. Unreq: 600-390.

## **INTRAUNIVERSITY**

### **900-010 AN INTRODUCTION TO UNIVERSITY LIFE 1 cr**

A course designed to help new freshmen successfully cope with the new experience of university life. Students will explore ways to improve their study skills and master time management strategies while practicing writing techniques which will enhance communication abilities. Students will also develop skills of social interaction, self-awareness and development, interpersonal communication, and decision making. The university's resources, policies and procedures will be reviewed. (Students who need help with specific study techniques may also wish to enroll in 930-050

Study/academic Survival Skills.)

### **INTRAUNV 104 NEW STUDENT SEMINAR GI 1 cr**

This course is designed to help facilitate a positive adjustment to the first year of college through the development of both written and oral communication skills, critical thinking skills, and group presentation skills. Students will: explore the purposes of higher education and its potential outcomes; develop skills of social

interaction, self-awareness, and personal development through team projects and class presentations, attendance at university events, and programs promoting an appreciation of diversity; review the university's resources, policies, and procedures; investigate personal interests and strengths while setting academic and personal goals; and learn effective skills to help them cope with the world around them.

Prereq: Open to Freshmen Only.

### **900-494 SEMINAR 1-3 cr**

An advanced level undergraduate seminar that offers broad opportunities for study of university-wide issues with small group discussion. Repeatable for a maximum of 6 credits.

Prereq: Junior standing or consent of instructor.

## **UW CENTERS COURSE EQUIVALENCY TABLE**

Equivalency Table for Students Transferring from the University of Wisconsin Colleges to the University of Wisconsin-Whitewater

Admissions Office

University of Wisconsin-Whitewater

Revised, August, 1999

The equivalency table is updated each year due to course changes. To be equated to a UW-W course, the corresponding course at the previous college must be taken for at least 2/3 of the number of semester credits assigned to the UW-W course. Department numbers followed by 999 (ex. 110-999) represent departmental elective credit.

Courses identified as 'NDC' represent no degree credit. Certain 'NDC' courses will satisfy UW-W remedial course requirements. Please consult the Office of Admissions for specific information.

Certain UW-W courses in the equivalency table have been approved to fulfill part of the General Education and Diversity requirements. General Education courses are identified by the following designations: A (arts), E (ethnic studies), H (humanities), L (lab science), M (math-science), P (physical education), S (social science). Courses satisfying the UW-W Diversity requirement appear under the Diversity column (DIV) and are identified by the 'Y' designation. Please read the section on General Education and Diversity in the UW-W Catalog before selecting courses to fulfill these requirements.

The fourth digit of the UW-W course number indicates the level of the course: 1-freshman, 2-sophomore, 3-junior, 4-senior. Courses designated as humanities (H) at UW-W are foreign language, history, literature, philosophy, religious studies, and speech. The social science subjects (S) are anthropology, economics, geography courses (except 210), political science, psychology, sociology and speech. Subjects identified as arts (A) are art, art history, music, theatre and dance.

NOTE: A student who holds an Associate of Arts, Associate of Science or Associate of Arts and Science Degree from a UW College is considered to have fulfilled the Proficiency, General Education and core course requirements at UW-Whitewater. The Associate of Art and Science conferred after Fall 1991 satisfies the UW-W diversity requirement as well.

After a student has accumulated 72 credits, a minimum of 48 credits must be earned at UW-Whitewater and/or other accredited four-year colleges.

Students planning to attend a University of Wisconsin College before transferring to UW-Whitewater are encouraged to utilize the Transfer Information System (TIS) which is usually located in the UW-College's Student Services Office. When using the equivalency table, please contact the UW-W Office of Admissions for equivalencies with an \* under the footnote column. The \* represents additional information which may affect the listed equivalency.

TRANSFER COLLEGE COURSE  
EQUIVALENCY TABLE  
UW-WHITewater  
UNIVERSITY OF WISCONSIN - CENTERS

|     | Transfer Course | UWW Course | GS/DIV | Cred | Dept | Footnotes |
|-----|-----------------|------------|--------|------|------|-----------|
| ANT | 100             | 892-110    | S      | 3.0  | ANTH | *         |
| ANT | 102             | 892-999    | S      | 3.0  | ANTH |           |
| ANT | 105             | 892-999    | M      | 3.0  | ANTH | *         |
| ANT | 200             | 892-218    | S      | 3.0  | ANTH | *         |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| ANT | 204 | 892-218 | S   | 3.0 | ANTH | * |
| ANT | 222 | 892-999 | S   | 3.0 | ANTH |   |
| ANT | 250 | 892-334 | S   | 3.0 | ANTH |   |
| ANT | 260 | 892-999 |     | 3.0 | ANTH |   |
| ANT | 291 | 892-999 |     | 3.0 | ANTH | * |
| ANT | 299 | 892-999 |     | 1.0 | ANTH | * |
| ANT | 300 | 892-999 | S   | 3.0 | ANTH |   |
| ANT | 301 | 892-999 | H   | 3.0 | ANTH | * |
| ANT | 302 | 892-999 | S   | 3.0 | ANTH | * |
| ANT | 303 | 892-999 | M   | 3.0 | ANTH |   |
| ANT | 308 | 892-999 |     | 3.0 | ANTH | * |
| ANT | 314 | 892-999 | E Y | 3.0 | ANTH |   |
| ANT | 322 | 892-999 | S   | 3.0 | ANTH | * |
| ANT | 325 | 892-999 | S   | 3.0 | ANTH | * |
| ANT | 341 | 892-999 | S   | 4.0 | ANTH |   |
| ANT | 343 | 892-228 | S   | 3.0 | ANTH | * |
| ANT | 350 | 892-999 |     | 3.0 | ANTH |   |
| ANT | 351 | 892-999 |     | 3.0 | ANTH | * |
| ANT | 353 | 892-999 | E Y | 3.0 | ANTH | * |
| ART | 100 | 110-121 | A   | 3.0 | ART  |   |
| ART | 101 | 110-201 | A   | 3.0 | ART  |   |
| ART | 102 | 110-202 |     | 3.0 | ART  |   |
| ART | 103 | 110-999 |     | 3.0 | ART  |   |
| ART | 104 | 110-201 | A   | 1.0 | ART  | * |
| ART | 105 | 110-201 | A   | 2.0 | ART  | * |
| ART | 106 | 110-202 | A   | 1.0 | ART  | * |
| ART | 107 | 110-202 | A   | 2.0 | ART  | * |

|     |     |         |   |     |     |   |
|-----|-----|---------|---|-----|-----|---|
| ART | 108 | 110-999 |   | 1.0 | ART |   |
| ART | 109 | 110-999 |   | 2.0 | ART |   |
| ART | 110 | 115-111 | A | 3.0 | ART |   |
| ART | 111 | 110-102 | A | 3.0 | ART |   |
| ART | 112 | 110-103 | A | 3.0 | ART |   |
| ART | 113 | 110-999 |   | 3.0 | ART |   |
| ART | 114 | 110-103 | A | 1.0 | ART | * |
| ART | 115 | 110-103 | A | 2.0 | ART | * |
| ART | 121 | 110-321 | A | 3.0 | ART |   |
| ART | 122 | 110-999 | A | 3.0 | ART |   |
| ART | 125 | 110-999 | A | 3.0 | ART |   |
| ART | 127 | 115-999 | A | 3.0 | ART |   |
| ART | 131 | 110-341 | A | 3.0 | ART |   |
| ART | 133 | 110-341 |   | 1.0 | ART | * |
| ART | 134 | 110-341 |   | 2.0 | ART | * |
| ART | 141 | 110-999 | A | 3.0 | ART |   |
| ART | 154 | 110-251 | A | 3.0 | ART |   |
| ART | 161 | 110-311 | A | 3.0 | ART |   |
| ART | 170 | 110-999 | A | 3.0 | ART |   |
| ART | 172 | 110-999 |   | 3.0 | ART |   |
| ART | 175 | 115-111 | A | 3.0 | ART |   |
| ART | 180 | 115-111 | A | 3.0 | ART |   |
| ART | 181 | 115-201 | A | 3.0 | ART |   |
| ART | 183 | 115-202 | A | 3.0 | ART |   |
| ART | 185 | 115-999 | A | 3.0 | ART |   |
| ART | 187 | 115-999 | A | 3.0 | ART |   |
| ART | 188 | 115-999 | A | 3.0 | ART |   |

|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| ART | 201 | 110-303 | A | 3.0 | ART  |   |
| ART | 202 | 110-303 | A | 3.0 | ART  |   |
| ART | 209 | 110-303 |   | 1.0 | ART  | * |
| ART | 210 | 110-303 |   | 2.0 | ART  | * |
| ART | 222 | 110-999 | A | 3.0 | ART  |   |
| ART | 225 | 110-999 | A | 3.0 | ART  |   |
| ART | 231 | 110-342 | A | 3.0 | ART  |   |
| ART | 232 | 110-343 | A | 3.0 | ART  |   |
| ART | 235 | 110-342 |   | 1.0 | ART  | * |
| ART | 236 | 110-342 |   | 2.0 | ART  | * |
| ART | 237 | 110-343 |   | 1.0 | ART  | * |
| ART | 238 | 110-343 |   | 2.0 | ART  | * |
| ART | 241 | 110-999 | A | 3.0 | ART  |   |
| ART | 243 | 110-331 | A | 3.0 | ART  |   |
| ART | 245 | 110-333 | A | 3.0 | ART  |   |
| ART | 247 | 110-999 | A | 3.0 | ART  |   |
| ART | 254 | 110-352 | A | 3.0 | ART  |   |
| ART | 255 | 110-999 | A | 3.0 | ART  |   |
| ART | 261 | 110-999 | A | 3.0 | ART  |   |
| ART | 272 | 110-999 |   | 3.0 | ART  |   |
| ART | 291 | 110-999 |   | 1.0 | ART  | * |
| ART | 299 | 110-999 |   | 1.0 | ART  | * |
| AST | 100 | 805-114 | L | 4.0 | ASTR | * |
| AST | 101 | 805-999 |   | 1.0 | ASTR |   |
| AST | 200 | 805-112 | L | 4.0 | ASTR |   |
| AST | 291 | 805-999 |   | 1.0 | ASTR | * |
| BAC | 101 | 630-999 | L | 4.0 | BIOL | * |

|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| BAC | 299 | 630-999 |   | 1.0 | BIOL | * |
| BAC | 303 | 630-999 | L | 3.0 | BIOL |   |
| BAC | 304 | 630-999 | L | 2.0 | BIOL |   |
| BIO | 107 | 630-214 | M | 3.0 | BIOL |   |
| BIO | 109 | 630-120 | L | 5.0 | BIOL |   |
| BIO | 116 | 630-999 | M | 2.0 | BIOL |   |
| BIO | 151 | 630-120 | L | 5.0 | BIOL | * |
| BIO | 152 | 630-999 | L | 5.0 | BIOL | * |
| BIO | 160 | 630-999 | M | 3.0 | BIOL |   |
| BIO | 230 | 630-999 | I | 3.0 | BIOL |   |
| BIO | 250 | 630-999 | L | 4.0 | BIOL |   |
| BIO | 260 | 630-999 | M | 3.0 | BIOL |   |
| BOT | 100 | 630-999 | L | 3.0 | BIOL |   |
| BOT | 130 | 630-141 | L | 5.0 | BIOL | * |
| BOT | 160 | 630-999 |   | 3.0 | BIOL |   |
| BOT | 202 | 630-999 |   | 3.0 | BIOL |   |
| BOT | 231 | 630-141 | L | 4.0 | BIOL | * |
| BOT | 240 | 630-999 | M | 2.0 | BIOL |   |
| BOT | 291 | 630-999 |   | 1.0 | BIOL | * |
| BOT | 299 | 630-999 |   | 1.0 | BIOL | * |
| BUS | 101 | 220-141 |   | 2.0 | B ED | * |
| BUS | 110 | 220-999 |   | 2.0 | B ED | * |
| BUS | 194 | 220-999 |   | 2.0 | B ED |   |
| BUS | 201 | 210-244 |   | 4.0 | ACTG |   |
| BUS | 202 | 210-341 |   | 4.0 | ACTG |   |
| BUS | 204 | 210-249 |   | 3.0 | ACTG |   |
| BUS | 210 | 220-353 |   | 2.0 | B ED | * |

|     |     |          |   |     |      |   |
|-----|-----|----------|---|-----|------|---|
| BUS | 243 | 230-245  |   | 3.0 | ECON |   |
| BUS | 278 | 999-999  |   | 3.0 | MISC |   |
| BUS | 297 | 999-999  |   | 1.0 | MISC | * |
| BUS | 299 | 999-999  |   | 1.0 | MISC | * |
| CHE | 100 | 000-000  |   |     |      | * |
| CHE | 112 | 640-999  |   | 2.0 | CHEM |   |
| CHE | 123 | 640-999  | M | 3.0 | CHEM |   |
| CHE | 124 | 640-100  | L | 4.0 | CHEM | * |
| CHE | 125 | 640-100  | L | 5.0 | CHEM | * |
| CHE | 145 | 640-102  | L | 5.0 | CHEM |   |
| CHE | 155 | 640-104  | L | 5.0 | CHEM |   |
| CHE | 203 | 640-999  |   | 3.0 | CHEM |   |
| CHE | 211 | 640-999  |   | 1.0 | CHEM |   |
| CHE | 214 | 640-999  |   | 3.0 | CHEM |   |
| CHE | 244 | 640-352  |   | 4.0 | CHEM |   |
| CHE | 290 | 640-999  |   | 1.0 | CHEM | * |
| CHE | 299 | 640-999  |   | 1.0 | CHEM | * |
| CHE | 343 | 640-251  |   | 3.0 | CHEM | * |
| CHE | 352 | 640-261  |   | 2.0 | CHEM | * |
| CHE | 363 | 640-252  |   | 3.0 | CHEM |   |
| COM | 100 | 164-999  |   | 1.0 | JOUR |   |
| COM | 101 | 166-228  |   | 3.0 | SPCH | * |
| COM | 102 | 166-999  |   | 1.0 | SPCH |   |
| COM | 103 | 166-110  |   | 3.0 | SPCH | * |
| COM | 103 | E166-110 | Y | 3.0 | SPCH | * |
| COM | 104 | 164-999  |   | 1.0 | JOUR |   |
| COM | 105 | 166-230  |   | 1.0 | SPCH |   |



|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| COM | 106 | 166-231 |   | 1.0 | SPCH |   |
| COM | 110 | 166-999 | H | 2.0 | SPCH | * |
| COM | 130 | 133-100 | A | 3.0 | THTR |   |
| COM | 131 | 133-200 | A | 1.0 | THTR |   |
| COM | 150 | 166-236 | A | 3.0 | SPCH |   |
| COM | 160 | 166-999 | S | 3.0 | SPCH |   |
| COM | 201 | 166-131 | S | 3.0 | SPCH |   |
| COM | 202 | 164-999 | S | 3.0 | JOUR |   |
| COM | 203 | 164-243 | H | 3.0 | JOUR |   |
| COM | 204 | 164-244 | H | 3.0 | JOUR |   |
| COM | 220 | 166-999 | H | 3.0 | SPCH |   |
| COM | 221 | 166-999 | H | 3.0 | SPCH |   |
| COM | 230 | 166-356 | H | 3.0 | SPCH |   |
| COM | 232 | 133-120 | A | 3.0 | THTR |   |
| COM | 234 | 133-204 | A | 3.0 | THTR |   |
| COM | 266 | 166-242 | H | 3.0 | SPCH |   |
| COM | 268 | 166-345 | H | 3.0 | SPCH |   |
| COM | 298 | 133-999 |   | 1.0 | THTR | * |
| COM | 299 | 999-999 |   | 1.0 | MISC | * |
| COM | 348 | 133-999 |   | 3.0 | THTR |   |
| COM | 349 | 133-999 |   | 3.0 | THTR |   |
| CPS | 100 | 765-999 | M | 1.0 | CPSC | * |
| CPS | 101 | 765-999 |   | 1.0 | CPSC |   |
| CPS | 103 | 765-999 |   | 1.0 | CPSC | * |
| CPS | 104 | 765-999 |   | 1.0 | CPSC | * |
| CPS | 105 | 765-999 | M | 1.0 | CPSC | * |
| CPS | 106 | 765-999 | M | 1.0 | CPSC | * |

|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| CPS | 107 | 765-999 |   | 1.0 | CPSC | * |
| CPS | 108 | 765-999 |   | 1.0 | CPSC | * |
| CPS | 110 | 765-999 | M | 3.0 | CPSC |   |
| CPS | 111 | 765-999 |   | 3.0 | CPSC |   |
| CPS | 113 | 765-171 | M | 3.0 | CPSC |   |
| CPS | 120 | 765-999 |   | 3.0 | CPSC |   |
| CPS | 130 | 765-999 | M | 2.0 | CPSC |   |
| CPS | 131 | 765-999 | M | 1.0 | CPSC |   |
| CPS | 133 | 765-171 | M | 2.0 | CPSC |   |
| CPS | 210 | 765-999 |   | 3.0 | CPSC |   |
| CPS | 211 | 765-999 | M | 3.0 | CPSC |   |
| CPS | 213 | 765-171 | M | 3.0 | CPSC |   |
| CPS | 216 | 950-999 | M | 3.0 | MCS  |   |
| CPS | 231 | 765-999 | M | 2.0 | CPSC |   |
| CPS | 240 | 765-999 |   | 3.0 | CPSC |   |
| CPS | 241 | 765-999 |   | 3.0 | CPSC |   |
| CPS | 243 | 765-171 | M | 3.0 | CPSC |   |
| CPS | 250 | 765-999 |   | 2.0 | CPSC | * |
| CPS | 251 | 765-999 |   | 2.0 | CPSC | * |
| CPS | 252 | 765-999 |   | 2.0 | CPSC | * |
| CPS | 253 | 765-171 | M | 2.0 | CPSC | * |
| CPS | 254 | 765-999 |   | 2.0 | CPSC | * |
| CPS | 255 | 765-999 |   | 2.0 | CPSC | * |
| CPS | 256 | 765-999 |   | 3.0 | CPSC |   |
| CPS | 260 | 765-999 |   | 2.0 | CPSC | * |
| CPS | 270 | 765-999 |   | 3.0 | CPSC |   |
| CPS | 291 | 765-999 |   | 1.0 | CPSC | * |

|     |     |          |   |     |      |   |
|-----|-----|----------|---|-----|------|---|
| CPS | 299 | 765-999  |   | 1.0 | CPSC | * |
| ECO | 101 | 230-999  | S | 3.0 | ECON | * |
| ECO | 203 | 230-211  | S | 3.0 | ECON | * |
| ECO | 204 | 230-212  | S | 3.0 | ECON | * |
| ECO | 230 | 230-354  |   | 3.0 | ECON | * |
| ECO | 243 | 230-245  |   | 3.0 | ECON |   |
| ECO | 250 | 230-999  |   | 3.0 | ECON |   |
| ECO | 297 | 230-999  |   | 1.0 | ECON | * |
| ECO | 299 | 230-999  |   | 1.0 | ECON | * |
| EDU | 100 | 439-210E |   | 1.0 | C&I  | * |
| EDU | 200 | 439-210F |   | 2.0 | C&I  | * |
| EDU | 201 | 439-210E |   | 3.0 | C&I  | * |
| EDU | 201 | 439-210F |   | 3.0 | C&I  | * |
| EDU | 201 | 489-210E |   | 3.0 | SPED | * |
| EDU | 201 | 489-210F |   | 3.0 | SPED | * |
| EDU | 283 | 434-361  |   | 3.0 | C&I  | * |
| EDU | 300 | 480-205  |   | 3.0 | SPED |   |
| EDU | 330 | 423-212  |   | 3.0 | EDFD | * |
| EGR | 100 | 999-999  |   | 1.0 | MISC |   |
| EGR | 106 | 999-999  |   | 3.0 | MISC |   |
| ENG | 95  | 680-090  |   | 3.0 | ENGL |   |
| ENG | 96  | 680-090  |   | 3.0 | ENGL |   |
| ENG | 97  | 680-090  |   | 3.0 | ENGL |   |
| ENG | 98  | 680-090  |   | 3.0 | ENGL |   |
| ENG | 99  | 000-000  |   |     |      | * |
| ENG | 101 | 680-101  |   | 3.0 | ENGL | * |
| ENG | 102 | 680-102  |   | 3.0 | ENGL |   |

|     |       |         |     |     |      |   |
|-----|-------|---------|-----|-----|------|---|
| ENG | 102 E | 680-102 | Y   | 3.0 | ENGL |   |
| ENG | 201   | 680-999 |     | 3.0 | ENGL | * |
| ENG | 202   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 203   | 680-274 | H   | 3.0 | ENGL |   |
| ENG | 204   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 206   | 680-372 |     | 3.0 | ENGL |   |
| ENG | 210   | 220-353 |     | 2.0 | B ED | * |
| ENG | 220   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 250   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 251   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 253   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 255   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 260   | 680-206 | H   | 3.0 | ENGL |   |
| ENG | 261   | 680-216 | H   | 3.0 | ENGL |   |
| ENG | 262   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 263   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 264   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 265   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 266   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 267   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 268   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 269   | 680-999 | H Y | 3.0 | ENGL |   |
| ENG | 270   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 272   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 273   | 680-999 | H Y | 3.0 | ENGL |   |
| ENG | 274   | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 275   | 680-999 | H Y | 3.0 | ENGL |   |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| ENG | 276 | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 277 | 680-999 |     | 3.0 | ENGL |   |
| ENG | 278 | 680-999 | H Y | 3.0 | ENGL |   |
| ENG | 279 | 680-264 | H   | 3.0 | ENGL |   |
| ENG | 280 | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 290 | 680-999 |     | 1.0 | ENGL | * |
| ENG | 298 | 680-999 |     | 3.0 | ENGL |   |
| ENG | 299 | 680-999 |     | 1.0 | ENGL | * |
| ENG | 351 | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 353 | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 355 | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 370 | 680-999 | H   | 3.0 | ENGL |   |
| ENG | 380 | 680-999 | H   | 3.0 | ENGL |   |
| FOR | 120 | 630-999 |     | 3.0 | BIOL |   |
| FRE | 101 | 682-141 | H   | 4.0 | FREN |   |
| FRE | 102 | 682-142 | H   | 4.0 | FREN |   |
| FRE | 103 | 682-141 | H   | 2.0 | FREN | * |
| FRE | 104 | 682-141 | H   | 2.0 | FREN | * |
| FRE | 105 | 682-142 | H   | 4.0 | FREN |   |
| FRE | 106 | 682-142 | H   | 2.0 | FREN | * |
| FRE | 107 | 682-142 | H   | 2.0 | FREN | * |
| FRE | 118 | 682-999 | H   | 1.0 | FREN | * |
| FRE | 119 | 682-999 | H   | 1.0 | FREN | * |
| FRE | 201 | 682-251 | H   | 4.0 | FREN |   |
| FRE | 202 | 682-252 | H   | 4.0 | FREN |   |
| FRE | 203 | 682-251 | H   | 2.0 | FREN | * |
| FRE | 204 | 682-251 | H   | 2.0 | FREN | * |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| FRE | 205 | 682-252 | H   | 4.0 | FREN |   |
| FRE | 206 | 682-252 | H   | 2.0 | FREN | * |
| FRE | 207 | 682-252 | H   | 2.0 | FREN | * |
| FRE | 215 | 682-999 | H   | 1.0 | FREN | * |
| FRE | 216 | 682-999 | H   | 1.0 | FREN | * |
| FRE | 219 | 682-999 | H   | 3.0 | FREN |   |
| FRE | 221 | 682-331 | H   | 3.0 | FREN |   |
| FRE | 222 | 682-332 | H   | 3.0 | FREN | * |
| FRE | 223 | 682-332 | H   | 3.0 | FREN | * |
| FRE | 225 | 682-321 | H   | 3.0 | FREN |   |
| FRE | 226 | 682-322 | H   | 3.0 | FREN |   |
| FRE | 276 | 680-999 | H   | 3.0 | ENGL |   |
| FRE | 277 | 680-999 | H   | 2.0 | ENGL | * |
| FRE | 291 | 682-999 |     | 2.0 | FREN | * |
| FRE | 299 | 682-999 |     | 1.0 | FREN | * |
| GEO | 101 | 722-111 | S   | 3.0 | GEOG | * |
| GEO | 102 | 722-999 | S Y | 3.0 | GEOG |   |
| GEO | 104 | 722-999 | M   | 3.0 | GEOG | * |
| GEO | 107 | 722-275 | M   | 3.0 | GEOG | * |
| GEO | 110 | 900-140 | S   | 3.0 | INTR |   |
| GEO | 115 | 722-999 | S   | 3.0 | GEOG |   |
| GEO | 120 | 722-210 | L   | 4.0 | GEOG | * |
| GEO | 121 | 722-999 | M   | 2.0 | GEOG |   |
| GEO | 123 | 722-210 | L   | 4.0 | GEOG | * |
| GEO | 124 | 722-210 | L   | 4.0 | GEOG | * |
| GEO | 125 | 722-999 | M   | 3.0 | GEOG |   |
| GEO | 130 | 722-252 | S   | 3.0 | GEOG | * |

|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| GEO | 200 | 722-999 | S | 3.0 | GEOG |   |
| GEO | 277 | 722-999 | S | 3.0 | GEOG |   |
| GEO | 291 | 722-999 |   | 1.0 | GEOG | * |
| GEO | 297 | 722-999 |   | 1.0 | GEOG | * |
| GEO | 299 | 722-999 |   | 1.0 | GEOG | * |
| GEO | 300 | 722-999 | S | 3.0 | GEOG | * |
| GEO | 324 | 722-999 | S | 3.0 | GEOG | * |
| GEO | 341 | 722-261 | S | 3.0 | GEOG | * |
| GEO | 342 | 722-250 | S | 3.0 | GEOG | * |
| GEO | 347 | 722-365 | S | 3.0 | GEOG |   |
| GEO | 348 | 722-363 | S | 3.0 | GEOG |   |
| GEO | 349 | 722-999 | S | 3.0 | GEOG | * |
| GEO | 350 | 722-999 | S | 3.0 | GEOG |   |
| GER | 101 | 684-141 | H | 4.0 | GERM |   |
| GER | 102 | 684-142 | H | 4.0 | GERM |   |
| GER | 103 | 684-141 | H | 2.0 | GERM | * |
| GER | 104 | 684-141 | H | 2.0 | GERM | * |
| GER | 105 | 684-142 | H | 4.0 | GERM |   |
| GER | 106 | 684-142 | H | 2.0 | GERM | * |
| GER | 107 | 684-142 | H | 2.0 | GERM | * |
| GER | 118 | 684-999 |   | 1.0 | GERM | * |
| GER | 119 | 684-999 |   | 1.0 | GERM | * |
| GER | 201 | 684-251 | H | 4.0 | GERM |   |
| GER | 202 | 684-252 | H | 4.0 | GERM |   |
| GER | 203 | 684-251 | H | 2.0 | GERM | * |
| GER | 204 | 684-251 | H | 2.0 | GERM | * |
| GER | 205 | 684-252 | H | 4.0 | GERM |   |

|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| GER | 206 | 684-252 | H | 2.0 | GERM | * |
| GER | 207 | 684-252 | H | 2.0 | GERM | * |
| GER | 215 | 684-999 |   | 1.0 | GERM | * |
| GER | 216 | 684-999 |   | 1.0 | GERM | * |
| GER | 221 | 684-331 | H | 3.0 | GERM | * |
| GER | 222 | 684-332 | H | 3.0 | GERM |   |
| GER | 223 | 684-331 | H | 3.0 | GERM | * |
| GER | 225 | 684-321 | H | 3.0 | GERM |   |
| GER | 226 | 684-322 | H | 3.0 | GERM |   |
| GER | 276 | 680-999 | H | 3.0 | ENGL |   |
| GER | 277 | 680-999 | H | 2.0 | ENGL | * |
| GER | 291 | 684-999 |   | 2.0 | GERM | * |
| GER | 299 | 684-999 |   | 1.0 | GERM | * |
| GLG | 100 | 616-999 | M | 3.0 | GEOL |   |
| GLG | 101 | 616-100 | L | 4.0 | GEOL | * |
| GLG | 102 | 616-204 | M | 4.0 | GEOL | * |
| GLG | 104 | 616-999 | M | 3.0 | GEOL | * |
| GLG | 107 | 722-275 |   | 3.0 | GEOG | * |
| GLG | 130 | 616-999 |   | 3.0 | GEOL |   |
| GLG | 131 | 616-999 |   | 3.0 | GEOL |   |
| GLG | 135 | 616-999 |   | 3.0 | GEOL |   |
| GLG | 169 | 616-999 | L | 4.0 | GEOL |   |
| GLG | 291 | 616-999 |   | 1.0 | GEOL | * |
| GLG | 297 | 616-999 |   | 1.0 | GEOL | * |
| GLG | 299 | 616-999 |   | 1.0 | GEOL | * |
| GLG | 301 | 616-999 |   | 4.0 | GEOL |   |
| GLG | 302 | 616-999 |   | 4.0 | GEOL |   |



|     |     |         |   |     |      |
|-----|-----|---------|---|-----|------|
| GLG | 306 | 616-999 |   | 2.0 | GEOL |
| GLG | 309 | 616-999 |   | 3.0 | GEOL |
| GLG | 314 | 616-999 | M | 3.0 | GEOL |
| GLG | 343 | 616-999 | M | 3.0 | GEOL |
| GLG | 350 | 616-999 | M | 3.0 | GEOL |
| GRA | 102 | 760-999 |   | 3.0 | MATH |
| GRA | 113 | 760-999 |   | 3.0 | MATH |
| HIS | 101 | 740-124 | H | 3.0 | HIST |
| HIS | 102 | 900-120 | H | 3.0 | HIST |
| HIS | 104 | 900-120 | H | 3.0 | INTR |
| HIS | 105 | 740-154 | H | 3.0 | HIST |
| HIS | 106 | 740-155 | H | 3.0 | HIST |
| HIS | 111 | 740-999 | H | 3.0 | HIST |
| HIS | 112 | 740-999 | H | 3.0 | HIST |
| HIS | 114 | 740-999 | H | 3.0 | HIST |
| HIS | 115 | 740-999 | H | 3.0 | HIST |
| HIS | 117 | 740-999 |   | 3.0 | HIST |
| HIS | 118 | 740-999 | S | 2.0 | HIST |
| HIS | 119 | 740-999 | H | 3.0 | HIST |
| HIS | 120 | 740-155 | H | 3.0 | HIST |
| HIS | 123 | 740-999 | H | 3.0 | HIST |
| HIS | 124 | 740-999 | H | 3.0 | HIST |
| HIS | 126 | 740-999 | H | 2.0 | HIST |
| HIS | 127 | 740-999 | H | 3.0 | HIST |
| HIS | 150 | 740-999 | S | 3.0 | HIST |
| HIS | 160 | 740-999 |   | 3.0 | HIST |
| HIS | 161 | 740-999 | H | 3.0 | HIST |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| HIS | 162 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 183 | 740-999 |     | 3.0 | HIST |   |
| HIS | 198 | 740-999 |     | 2.0 | HIST | * |
| HIS | 211 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 213 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 215 | 740-999 |     | 3.0 | HIST |   |
| HIS | 216 | 740-381 |     | 3.0 | HIST |   |
| HIS | 219 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 222 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 240 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 254 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 255 | 740-999 |     | 3.0 | HIST | * |
| HIS | 256 | 740-999 |     | 1.0 | HIST | * |
| HIS | 257 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 259 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 260 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 270 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 273 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 274 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 278 | 740-999 | H Y | 3.0 | HIST |   |
| HIS | 280 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 283 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 285 | 740-306 | H   | 3.0 | HIST |   |
| HIS | 286 | 740-307 | H   | 3.0 | HIST |   |
| HIS | 288 | 740-999 | H   | 3.0 | HIST |   |
| HIS | 289 | 740-300 | H   | 3.0 | HIST |   |
| HIS | 290 | 740-311 | H   | 3.0 | HIST |   |

|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| HIS | 293 | 740-304 | H | 3.0 | HIST |   |
| HIS | 297 | 740-999 | H | 3.0 | HIST |   |
| HIS | 299 | 740-999 |   | 1.0 | HIST | * |
| INT | 100 | 999-999 |   | 1.0 | MISC | * |
| INT | 101 | 999-999 |   | 3.0 | MISC |   |
| INT | 105 | 999-999 |   | 2.0 | MISC | * |
| INT | 210 | 999-999 | I | 3.0 | MISC |   |
| INT | 230 | 999-999 | I | 3.0 | MISC |   |
| INT | 231 | 999-999 | E | 3.0 | MISC |   |
| INT | 290 | 999-999 |   | 1.0 | MISC | * |
| LEA | 0   | 000-000 |   |     |      | * |
| LEC | 100 | 999-999 |   | 1.0 | MISC | * |
| LEC | 101 | 999-999 |   | 1.0 | MISC |   |
| LEC | 102 | 422-999 |   | 1.0 | EDFD | * |
| LEC | 105 | 999-999 |   | 2.0 | MISC | * |
| LEC | 290 | 999-999 |   | 1.0 | MISC | * |
| MAT | 81  | 000-000 |   |     |      | * |
| MAT | 85  | 000-000 |   |     |      | * |
| MAT | 86  | 000-000 |   |     |      | * |
| MAT | 87  | 000-000 |   |     |      | * |
| MAT | 90  | 760-040 |   | 2.0 | MATH | * |
| MAT | 91  | 760-041 |   | 3.0 | MATH |   |
| MAT | 92  | 760-040 |   | 3.0 | MATH |   |
| MAT | 93  | 760-040 |   | 3.0 | MATH |   |
| MAT | 94  | 760-040 |   | 3.0 | MATH |   |
| MAT | 95  | 760-041 |   | 3.0 | MATH |   |
| MAT | 96  | 760-041 |   | 3.0 | MATH |   |

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|-----|-----|---------|---|-----|------|---|
| MAT | 97  | 760-041 |   | 3.0 | MATH |   |
| MAT | 105 | 760-141 |   | 3.0 | MATH | * |
| MAT | 108 | 760-140 |   | 3.0 | MATH |   |
| MAT | 110 | 760-141 |   | 3.0 | MATH | * |
| MAT | 112 | 760-141 |   | 3.0 | MATH |   |
| MAT | 113 | 760-999 | M | 2.0 | MATH | * |
| MAT | 117 | 230-245 |   | 3.0 | ECON | * |
| MAT | 117 | 760-230 |   | 3.0 | MATH | * |
| MAT | 117 | 840-215 |   | 3.0 | PSYC | * |
| MAT | 124 | 760-152 | M | 5.0 | MATH |   |
| MAT | 130 | 760-111 | M | 4.0 | MATH |   |
| MAT | 132 | 760-999 |   | 4.0 | MATH |   |
| MAT | 140 | 760-140 |   | 3.0 | MATH |   |
| MAT | 210 | 760-143 | M | 3.0 | MATH | * |
| MAT | 211 | 760-250 | M | 4.0 | MATH | * |
| MAT | 212 | 760-143 | M | 3.0 | MATH | * |
| MAT | 220 | 760-999 |   | 1.0 | MATH |   |
| MAT | 221 | 760-253 | M | 5.0 | MATH |   |
| MAT | 222 | 760-254 | M | 5.0 | MATH |   |
| MAT | 223 | 760-255 | M | 4.0 | MATH | * |
| MAT | 224 | 760-999 | M | 4.0 | MATH |   |
| MAT | 230 | 760-280 | M | 3.0 | MATH |   |
| MAT | 240 | 760-231 | M | 3.0 | MATH | * |
| MAT | 240 | 840-215 | M | 3.0 | PSYC | * |
| MAT | 262 | 760-355 | M | 3.0 | MATH |   |
| MAT | 271 | 760-361 | M | 3.0 | MATH |   |
| MAT | 272 | 760-999 | M | 1.0 | MATH |   |

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|-----|-----|---------|---|-----|------|---|
| MAT | 290 | 760-999 |   | 1.0 | MATH | * |
| MAT | 299 | 760-999 |   | 1.0 | MATH | * |
| MEC | 201 | 800-280 |   | 3.0 | PHYS |   |
| MEC | 202 | 800-282 |   | 3.0 | PHYS |   |
| MEC | 203 | 800-999 |   | 3.0 | PHYS |   |
| MLG | 100 | 722-999 | M | 2.0 | GEOG | * |
| MLS | 101 | 450-999 |   | 1.0 | LDMS |   |
| MLS | 205 | 450-999 |   | 2.0 | LDMS |   |
| MLS | 213 | 442-281 |   | 2.0 | HPRC | * |
| MLS | 251 | 450-999 |   | 2.0 | LDMS |   |
| MLS | 302 | 450-999 |   | 3.0 | LDMS |   |
| MLS | 303 | 450-999 |   | 3.0 | LDMS |   |
| MUA | 1   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 2   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 3   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 4   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 5   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 6   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 7   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 8   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 9   | 150-999 |   | 1.0 | MUSC | * |
| MUA | 10  | 150-999 |   | 1.0 | MUSC | * |
| MUA | 11  | 150-999 |   | 1.0 | MUSC | * |
| MUA | 12  | 150-999 |   | 1.0 | MUSC | * |
| MUA | 13  | 150-999 |   | 1.0 | MUSC | * |
| MUA | 14  | 150-999 |   | 1.0 | MUSC | * |
| MUA | 15  | 150-999 |   | 1.0 | MUSC | * |

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|-----|----|---------|-----|------|---|
| MUA | 16 | 150-999 | 1.0 | MUSC | * |
| MUA | 17 | 150-999 | 1.0 | MUSC | * |
| MUA | 18 | 150-999 | 1.0 | MUSC | * |
| MUA | 19 | 150-999 | 1.0 | MUSC | * |
| MUA | 20 | 150-999 | 1.0 | MUSC | * |
| MUA | 21 | 150-999 | 1.0 | MUSC | * |
| MUA | 22 | 150-999 | 1.0 | MUSC | * |
| MUA | 23 | 150-999 | 1.0 | MUSC | * |
| MUA | 24 | 150-999 | 1.0 | MUSC | * |
| MUA | 25 | 150-999 | 1.0 | MUSC | * |
| MUA | 26 | 150-999 | 1.0 | MUSC | * |
| MUA | 27 | 150-999 | 1.0 | MUSC | * |
| MUA | 28 | 150-999 | 1.0 | MUSC | * |
| MUA | 29 | 150-999 | 1.0 | MUSC | * |
| MUA | 30 | 150-999 | 1.0 | MUSC | * |
| MUA | 31 | 150-999 | 1.0 | MUSC | * |
| MUA | 32 | 150-999 | 1.0 | MUSC | * |
| MUA | 33 | 150-999 | 1.0 | MUSC | * |
| MUA | 34 | 150-999 | 1.0 | MUSC | * |
| MUA | 35 | 150-999 | 1.0 | MUSC | * |
| MUA | 36 | 150-999 | 1.0 | MUSC | * |
| MUA | 37 | 150-999 | 1.0 | MUSC | * |
| MUA | 38 | 150-999 | 1.0 | MUSC | * |
| MUA | 39 | 150-999 | 1.0 | MUSC | * |
| MUA | 40 | 150-999 | 1.0 | MUSC | * |
| MUA | 41 | 150-999 | 1.0 | MUSC | * |
| MUA | 42 | 150-999 | 1.0 | MUSC | * |

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|-----|----|---------|-----|------|---|
| MUA | 43 | 150-999 | 1.0 | MUSC | * |
| MUA | 44 | 150-999 | 1.0 | MUSC | * |
| MUA | 45 | 150-999 | 1.0 | MUSC | * |
| MUA | 46 | 150-999 | 1.0 | MUSC | * |
| MUA | 47 | 150-999 | 1.0 | MUSC | * |
| MUA | 48 | 150-999 | 1.0 | MUSC | * |
| MUA | 49 | 150-999 | 1.0 | MUSC | * |
| MUA | 50 | 150-999 | 1.0 | MUSC | * |
| MUA | 51 | 150-999 | 1.0 | MUSC | * |
| MUA | 52 | 150-999 | 1.0 | MUSC | * |
| MUA | 53 | 150-999 | 1.0 | MUSC | * |
| MUA | 54 | 150-999 | 1.0 | MUSC | * |
| MUA | 55 | 150-999 | 1.0 | MUSC | * |
| MUA | 56 | 150-999 | 1.0 | MUSC | * |
| MUA | 57 | 150-999 | 1.0 | MUSC | * |
| MUA | 58 | 150-999 | 1.0 | MUSC | * |
| MUA | 59 | 150-999 | 1.0 | MUSC | * |
| MUA | 60 | 150-999 | 1.0 | MUSC | * |
| MUA | 61 | 150-999 | 1.0 | MUSC | * |
| MUA | 62 | 150-999 | 1.0 | MUSC | * |
| MUA | 63 | 150-999 | 1.0 | MUSC | * |
| MUA | 64 | 150-999 | 1.0 | MUSC | * |
| MUA | 65 | 150-999 | 1.0 | MUSC | * |
| MUA | 66 | 150-999 | 1.0 | MUSC | * |
| MUA | 67 | 150-999 | 1.0 | MUSC | * |
| MUA | 68 | 150-999 | 1.0 | MUSC | * |
| MUA | 69 | 150-999 | 1.0 | MUSC | * |

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|-----|-----|---------|-----|------|---|
| MUA | 70  | 150-999 | 1.0 | MUSC | * |
| MUA | 93  | 150-999 | 1.0 | MUSC | * |
| MUA | 94  | 150-999 | 1.0 | MUSC | * |
| MUA | 103 | 150-999 | 2.0 | MUSC | * |
| MUA | 104 | 150-999 | 2.0 | MUSC | * |
| MUA | 105 | 150-999 | 2.0 | MUSC | * |
| MUA | 106 | 150-999 | 2.0 | MUSC | * |
| MUA | 109 | 150-999 | 2.0 | MUSC | * |
| MUA | 110 | 150-999 | 2.0 | MUSC | * |
| MUA | 113 | 150-999 | 2.0 | MUSC | * |
| MUA | 114 | 150-999 | 2.0 | MUSC | * |
| MUA | 116 | 150-999 | 2.0 | MUSC | * |
| MUA | 117 | 150-999 | 2.0 | MUSC | * |
| MUA | 119 | 150-999 | 2.0 | MUSC | * |
| MUA | 120 | 150-999 | 2.0 | MUSC | * |
| MUA | 122 | 150-999 | 2.0 | MUSC | * |
| MUA | 123 | 150-999 | 2.0 | MUSC | * |
| MUA | 125 | 150-999 | 2.0 | MUSC | * |
| MUA | 126 | 150-999 | 2.0 | MUSC | * |
| MUA | 128 | 150-999 | 2.0 | MUSC | * |
| MUA | 129 | 150-999 | 2.0 | MUSC | * |
| MUA | 131 | 150-999 | 2.0 | MUSC | * |
| MUA | 132 | 150-999 | 2.0 | MUSC | * |
| MUA | 134 | 150-999 | 2.0 | MUSC | * |
| MUA | 135 | 150-999 | 2.0 | MUSC | * |
| MUA | 137 | 150-999 | 2.0 | MUSC | * |
| MUA | 138 | 150-999 | 2.0 | MUSC | * |



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|-----|-----|---------|-----|------|---|
| MUA | 140 | 150-999 | 2.0 | MUSC | * |
| MUA | 141 | 150-999 | 2.0 | MUSC | * |
| MUA | 143 | 150-999 | 2.0 | MUSC | * |
| MUA | 144 | 150-999 | 2.0 | MUSC | * |
| MUA | 146 | 150-999 | 2.0 | MUSC | * |
| MUA | 147 | 150-999 | 2.0 | MUSC | * |
| MUA | 149 | 150-999 | 2.0 | MUSC | * |
| MUA | 150 | 150-999 | 2.0 | MUSC | * |
| MUA | 152 | 150-999 | 2.0 | MUSC | * |
| MUA | 153 | 150-999 | 2.0 | MUSC | * |
| MUA | 155 | 150-999 | 2.0 | MUSC | * |
| MUA | 156 | 150-999 | 2.0 | MUSC | * |
| MUA | 158 | 150-999 | 2.0 | MUSC | * |
| MUA | 159 | 150-999 | 2.0 | MUSC | * |
| MUA | 161 | 150-999 | 2.0 | MUSC | * |
| MUA | 162 | 150-999 | 2.0 | MUSC | * |
| MUA | 163 | 150-999 | 2.0 | MUSC | * |
| MUA | 164 | 150-999 | 2.0 | MUSC | * |
| MUA | 169 | 150-999 | 2.0 | MUSC | * |
| MUA | 170 | 150-999 | 2.0 | MUSC | * |
| MUA | 203 | 150-999 | 2.0 | MUSC | * |
| MUA | 204 | 150-999 | 2.0 | MUSC | * |
| MUA | 205 | 150-999 | 2.0 | MUSC | * |
| MUA | 206 | 150-999 | 2.0 | MUSC | * |
| MUA | 209 | 150-999 | 2.0 | MUSC | * |
| MUA | 210 | 150-999 | 2.0 | MUSC | * |
| MUA | 213 | 150-999 | 2.0 | MUSC | * |

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|-----|-----|---------|-----|------|---|
| MUA | 214 | 150-999 | 2.0 | MUSC | * |
| MUA | 216 | 150-999 | 2.0 | MUSC | * |
| MUA | 217 | 150-999 | 2.0 | MUSC | * |
| MUA | 219 | 150-999 | 2.0 | MUSC | * |
| MUA | 220 | 150-999 | 2.0 | MUSC | * |
| MUA | 222 | 150-999 | 2.0 | MUSC | * |
| MUA | 223 | 150-999 | 2.0 | MUSC | * |
| MUA | 225 | 150-999 | 2.0 | MUSC | * |
| MUA | 226 | 150-999 | 2.0 | MUSC | * |
| MUA | 228 | 150-999 | 2.0 | MUSC | * |
| MUA | 229 | 150-999 | 2.0 | MUSC | * |
| MUA | 231 | 150-999 | 2.0 | MUSC | * |
| MUA | 232 | 150-999 | 2.0 | MUSC | * |
| MUA | 234 | 150-999 | 2.0 | MUSC | * |
| MUA | 235 | 150-999 | 2.0 | MUSC | * |
| MUA | 237 | 150-999 | 2.0 | MUSC | * |
| MUA | 238 | 150-999 | 2.0 | MUSC | * |
| MUA | 240 | 150-999 | 2.0 | MUSC | * |
| MUA | 241 | 150-999 | 2.0 | MUSC | * |
| MUA | 243 | 150-999 | 2.0 | MUSC | * |
| MUA | 244 | 150-999 | 2.0 | MUSC | * |
| MUA | 246 | 150-999 | 2.0 | MUSC | * |
| MUA | 247 | 150-999 | 2.0 | MUSC | * |
| MUA | 249 | 150-999 | 2.0 | MUSC | * |
| MUA | 252 | 150-999 | 2.0 | MUSC | * |
| MUA | 253 | 150-999 | 2.0 | MUSC | * |
| MUA | 255 | 150-999 | 2.0 | MUSC | * |

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|-----|-----|---------|-----|------|---|
| MUA | 256 | 150-999 | 2.0 | MUSC | * |
| MUA | 258 | 150-999 | 2.0 | MUSC | * |
| MUA | 259 | 150-999 | 2.0 | MUSC | * |
| MUA | 261 | 150-999 | 2.0 | MUSC | * |
| MUA | 262 | 150-999 | 2.0 | MUSC | * |
| MUA | 263 | 150-999 | 2.0 | MUSC | * |
| MUA | 264 | 150-999 | 2.0 | MUSC | * |
| MUA | 271 | 150-999 | 2.0 | MUSC | * |
| MUA | 272 | 150-999 | 2.0 | MUSC | * |
| MUA | 299 | 150-999 | 1.0 | MUSC | * |
| MUA | 305 | 150-999 | 2.0 | MUSC | * |
| MUA | 306 | 150-999 | 2.0 | MUSC | * |
| MUS | 70  | 150-162 | 1.0 | MUSC | * |
| MUS | 71  | 150-161 | 1.0 | MUSC | * |
| MUS | 72  | 150-171 | 1.0 | MUSC | * |
| MUS | 73  | 150-999 | 1.0 | MUSC | * |
| MUS | 74  | 150-164 | 1.0 | MUSC | * |
| MUS | 75  | 150-279 | 1.0 | MUSC | * |
| MUS | 76  | 150-269 | 1.0 | MUSC | * |
| MUS | 77  | 150-269 | 1.0 | MUSC | * |
| MUS | 78  | 150-269 | 1.0 | MUSC | * |
| MUS | 79  | 150-269 | 1.0 | MUSC | * |
| MUS | 107 | 150-177 | 2.0 | MUSC | * |
| MUS | 115 | 150-265 | 2.0 | MUSC | * |
| MUS | 121 | 150-999 | 2.0 | MUSC | * |
| MUS | 130 | 150-999 | 2.0 | MUSC | * |
| MUS | 131 | 150-999 | 2.0 | MUSC | * |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| MUS | 132 | 150-999 |     | 2.0 | MUSC | * |
| MUS | 136 | 150-268 |     | 2.0 | MUSC | * |
| MUS | 145 | 150-368 |     | 2.0 | MUSC | * |
| MUS | 147 | 150-999 |     | 2.0 | MUSC | * |
| MUS | 148 | 150-167 |     | 2.0 | MUSC | * |
| MUS | 154 | 150-267 |     | 2.0 | MUSC | * |
| MUS | 160 | 150-368 |     | 2.0 | MUSC | * |
| MUS | 170 | 150-111 |     | 3.0 | MUSC |   |
| MUS | 171 | 150-151 |     | 3.0 | MUSC | * |
| MUS | 171 | 150-153 |     | 2.0 | MUSC | * |
| MUS | 172 | 150-152 |     | 3.0 | MUSC | * |
| MUS | 172 | 150-154 |     | 2.0 | MUSC | * |
| MUS | 173 | 150-140 | A   | 3.0 | MUSC | * |
| MUS | 174 | 150-140 | A   | 3.0 | MUSC | * |
| MUS | 271 | 150-251 |     | 3.0 | MUSC | * |
| MUS | 271 | 150-253 |     | 2.0 | MUSC | * |
| MUS | 272 | 150-252 |     | 3.0 | MUSC | * |
| MUS | 272 | 150-254 |     | 2.0 | MUSC | * |
| MUS | 273 | 150-143 | A Y | 2.0 | MUSC | * |
| MUS | 275 | 150-245 | A   | 3.0 | MUSC |   |
| MUS | 276 | 150-246 | A   | 3.0 | MUSC |   |
| MUS | 280 | 150-356 |     | 2.0 | MUSC | * |
| MUS | 281 | 150-356 |     | 2.0 | MUSC | * |
| MUS | 295 | 150-999 |     | 1.0 | MUSC | * |
| MUS | 299 | 150-999 |     | 1.0 | MUSC | * |
| NAT | 170 | 630-999 |     | 1.0 | BIOL |   |
| PED | 1   | 440-103 | P   | 1.0 | HPRC |   |

|     |    |         |   |     |      |
|-----|----|---------|---|-----|------|
| PED | 2  | 440-104 | P | 1.0 | HPRC |
| PED | 5  | 440-999 | P | 1.0 | HPRC |
| PED | 6  | 440-108 | P | 1.0 | HPRC |
| PED | 7  | 440-109 | P | 1.0 | HPRC |
| PED | 8  | 440-159 | P | 1.0 | HPRC |
| PED | 9  | 440-120 | P | 1.0 | HPRC |
| PED | 10 | 440-121 | P | 1.0 | HPRC |
| PED | 12 | 440-125 | P | 1.0 | HPRC |
| PED | 14 | 440-999 | P | 1.0 | HPRC |
| PED | 16 | 440-160 | P | 1.0 | HPRC |
| PED | 17 | 440-161 | P | 1.0 | HPRC |
| PED | 18 | 440-166 | P | 1.0 | HPRC |
| PED | 19 | 440-167 | P | 1.0 | HPRC |
| PED | 21 | 440-999 | P | 1.0 | HPRC |
| PED | 22 | 440-999 | P | 1.0 | HPRC |
| PED | 24 | 440-106 | P | 1.0 | HPRC |
| PED | 25 | 440-999 | P | 1.0 | HPRC |
| PED | 26 | 440-999 | P | 1.0 | HPRC |
| PED | 27 | 440-111 | P | 1.0 | HPRC |
| PED | 28 | 440-999 | P | 1.0 | HPRC |
| PED | 29 | 440-999 | P | 1.0 | HPRC |
| PED | 30 | 440-999 | P | 1.0 | HPRC |
| PED | 31 | 440-144 | P | 1.0 | HPRC |
| PED | 32 | 440-115 | P | 1.0 | HPRC |
| PED | 33 | 440-999 | P | 1.0 | HPRC |
| PED | 34 | 440-999 | P | 1.0 | HPRC |
| PED | 37 | 440-999 | P | 1.0 | HPRC |

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|-----|-----|---------|---|-----|------|
| PED | 38  | 440-999 | P | 1.0 | HPRC |
| PED | 39  | 440-999 | P | 1.0 | HPRC |
| PED | 40  | 440-999 | P | 1.0 | HPRC |
| PED | 41  | 440-999 | P | 1.0 | HPRC |
| PED | 42  | 440-999 | P | 1.0 | HPRC |
| PED | 43  | 440-999 | P | 1.0 | HPRC |
| PED | 44  | 440-999 | P | 1.0 | HPRC |
| PED | 46  | 440-141 | P | 1.0 | HPRC |
| PED | 47  | 440-999 | P | 1.0 | HPRC |
| PED | 48  | 440-186 | P | 1.0 | HPRC |
| PED | 55  | 440-150 | P | 1.0 | HPRC |
| PED | 56  | 440-151 | P | 1.0 | HPRC |
| PED | 58  | 440-157 | P | 1.0 | HPRC |
| PED | 61  | 440-158 | P | 1.0 | HPRC |
| PED | 99  | 440-150 | P |     | HPRC |
| PED | 101 | 442-999 |   | 1.0 | HPRC |
| PED | 102 | 442-172 |   | 1.0 | HPRC |
| PED | 104 | 442-999 |   | 1.0 | HPRC |
| PED | 105 | 442-999 |   | 1.0 | HPRC |
| PED | 106 | 442-999 |   | 1.0 | HPRC |
| PED | 107 | 442-999 |   | 1.0 | HPRC |
| PED | 108 | 442-999 |   | 1.0 | HPRC |
| PED | 109 | 442-999 |   | 1.0 | HPRC |
| PED | 110 | 442-999 |   | 1.0 | HPRC |
| PED | 111 | 442-999 |   | 1.0 | HPRC |
| PED | 112 | 442-999 |   | 1.0 | HPRC |
| PED | 113 | 442-999 |   | 1.0 | HPRC |

|     |     |         |     |      |   |
|-----|-----|---------|-----|------|---|
| PED | 114 | 442-999 | 1.0 | HPRC |   |
| PED | 115 | 442-174 | 1.0 | HPRC |   |
| PED | 116 | 442-213 | 1.0 | HPRC |   |
| PED | 117 | 442-999 | 1.0 | HPRC |   |
| PED | 118 | 442-999 | 1.0 | HPRC |   |
| PED | 121 | 442-999 | 1.0 | HPRC |   |
| PED | 122 | 442-999 | 1.0 | HPRC |   |
| PED | 123 | 442-999 | 1.0 | HPRC |   |
| PED | 124 | 460-999 | 1.0 | SFTY |   |
| PED | 130 | 448-999 | 1.0 | HPRC |   |
| PED | 131 | 448-999 | 1.0 | HPRC |   |
| PED | 132 | 448-999 | 1.0 | HPRC |   |
| PED | 133 | 448-999 | 1.0 | HPRC |   |
| PED | 134 | 448-999 | 1.0 | HPRC |   |
| PED | 135 | 448-999 | 1.0 | HPRC |   |
| PED | 201 | 442-212 | 2.0 | HPRC |   |
| PED | 202 | 442-999 | 2.0 | HPRC |   |
| PED | 203 | 446-999 | 2.0 | HPRC |   |
| PED | 204 | 442-165 | 2.0 | HPRC |   |
| PED | 205 | 448-999 | 2.0 | HPRC |   |
| PED | 206 | 444-181 | 3.0 | HPRC |   |
| PED | 207 | 442-172 | 2.0 | HPRC |   |
| PED | 208 | 442-325 | 2.0 | HPRC | * |
| PED | 208 | 442-326 | 2.0 | HPRC | * |
| PED | 211 | 442-325 | 2.0 | HPRC | * |
| PED | 211 | 442-326 | 2.0 | HPRC | * |
| PED | 212 | 442-173 | 2.0 | HPRC |   |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| PED | 213 | 442-281 |     | 2.0 | HPRC | * |
| PED | 214 | 442-999 |     | 2.0 | HPRC |   |
| PED | 215 | 442-999 |     | 2.0 | HPRC |   |
| PED | 216 | 446-999 |     | 2.0 | HPRC |   |
| PED | 217 | 442-999 |     | 3.0 | HPRC |   |
| PED | 220 | 442-251 | P   | 2.0 | HPRC |   |
| PED | 291 | 442-999 |     | 1.0 | HPRC | * |
| PED | 299 | 442-999 |     | 1.0 | HPRC | * |
| PHI | 101 | 782-241 | H   | 3.0 | PHIL |   |
| PHI | 102 | 782-281 | H   | 3.0 | PHIL |   |
| PHI | 103 | 782-999 | H   | 3.0 | PHIL |   |
| PHI | 106 | 782-999 | H   | 3.0 | PHIL |   |
| PHI | 201 | 782-999 | H   | 3.0 | PHIL |   |
| PHI | 202 | 782-390 | H   | 3.0 | PHIL |   |
| PHI | 203 | 611-999 | H Y | 3.0 | AMIN |   |
| PHI | 210 | 782-251 | H   | 3.0 | PHIL | * |
| PHI | 211 | 782-251 | H   | 3.0 | PHIL | * |
| PHI | 220 | 782-291 | H   | 3.0 | PHIL |   |
| PHI | 226 | 782-999 | H   | 3.0 | PHIL |   |
| PHI | 230 | 782-999 | I   | 3.0 | PHIL |   |
| PHI | 231 | 782-999 | E   | 3.0 | PHIL |   |
| PHI | 232 | 782-999 | I   | 3.0 | PHIL |   |
| PHI | 240 | 782-999 | H   | 3.0 | PHIL |   |
| PHI | 241 | 782-261 | H   | 3.0 | PHIL |   |
| PHI | 243 | 940-246 | I   | 3.0 | TRDS |   |
| PHI | 244 | 782-999 | H   | 3.0 | PHIL |   |
| PHI | 248 | 782-999 | H   | 3.0 | PHIL |   |



|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| PHI | 253 | 782-999 | H | 3.0 | PHIL |   |
| PHI | 258 | 782-999 | H | 3.0 | PHIL |   |
| PHI | 291 | 782-999 |   | 3.0 | PHIL |   |
| PHI | 299 | 782-999 |   | 1.0 | PHIL | * |
| PHS | 170 | 630-360 | M | 3.0 | BIOL |   |
| PHS | 202 | 630-999 | L | 4.0 | BIOL | * |
| PHS | 203 | 630-999 | L | 4.0 | BIOL | * |
| PHS | 230 | 630-999 |   | 5.0 | BIOL |   |
| PHS | 235 | 630-999 | L | 5.0 | BIOL |   |
| PHY | 107 | 800-130 | L | 4.0 | PHYS | * |
| PHY | 110 | 800-999 | M | 3.0 | PHYS | * |
| PHY | 120 | 800-130 | L | 4.0 | PHYS | * |
| PHY | 141 | 800-160 | L | 3.0 | PHYS | * |
| PHY | 141 | 800-161 | L | 1.0 | PHYS | * |
| PHY | 142 | 800-162 | L | 3.0 | PHYS | * |
| PHY | 142 | 800-163 | L | 1.0 | PHYS | * |
| PHY | 201 | 800-170 | L | 3.0 | PHYS | * |
| PHY | 201 | 800-173 | L | 1.0 | PHYS | * |
| PHY | 201 | 800-175 | L | 1.0 | PHYS | * |
| PHY | 202 | 800-172 | L | 3.0 | PHYS | * |
| PHY | 202 | 800-174 | L | 2.0 | PHYS | * |
| PHY | 205 | 800-410 |   | 3.0 | PHYS |   |
| PHY | 211 | 800-999 |   | 4.0 | PHYS | * |
| PHY | 212 | 800-999 |   | 4.0 | PHYS | * |
| PHY | 213 | 800-999 |   | 4.0 | PHYS | * |
| PHY | 291 | 800-999 |   | 1.0 | PHYS | * |
| PHY | 299 | 800-999 |   | 1.0 | PHYS | * |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| POL | 101 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 104 | 820-141 | S   | 3.0 | PSCI |   |
| POL | 106 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 199 | 820-247 | S   | 2.0 | PSCI | * |
| POL | 201 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 204 | 820-141 | S   |     | PSCI |   |
| POL | 206 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 219 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 220 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 221 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 225 | 820-344 | S   | 3.0 | PSCI |   |
| POL | 231 | 820-999 | E   | 3.0 | PSCI |   |
| POL | 235 | 820-999 | S Y | 3.0 | PSCI |   |
| POL | 250 | 820-999 | S   | 3.0 | PSCI |   |
| POL | 275 | 820-351 | S   | 3.0 | PSCI |   |
| POL | 298 | 820-999 |     | 3.0 | PSCI | * |
| POL | 299 | 820-999 |     | 1.0 | PSCI | * |
| POL | 308 | 820-318 |     | 3.0 | PSCI |   |
| POL | 352 | 820-999 |     | 3.0 | PSCI |   |
| POL | 385 | 820-999 |     | 3.0 | PSCI |   |
| PSY | 201 | 840-211 | S   | 4.0 | PSYC |   |
| PSY | 202 | 840-211 | S   | 3.0 | PSYC |   |
| PSY | 203 | 840-999 |     | 3.0 | PSYC |   |
| PSY | 205 | 840-104 | S   | 3.0 | PSYC |   |
| PSY | 208 | 840-202 | S   | 3.0 | PSYC |   |
| PSY | 210 | 230-245 | M   | 3.0 | ECON | * |
| PSY | 210 | 840-215 | M   | 3.0 | PSYC | * |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| PSY | 224 | 840-999 | M   | 1.0 | PSYC |   |
| PSY | 225 | 840-216 | M   | 5.0 | PSYC |   |
| PSY | 250 | 840-999 | S   | 3.0 | PSYC |   |
| PSY | 254 | 840-301 | S   | 3.0 | PSYC |   |
| PSY | 270 | 840-999 | S Y | 3.0 | PSYC |   |
| PSY | 299 | 840-999 |     | 1.0 | PSYC | * |
| PSY | 307 | 840-304 | S   | 3.0 | PSYC |   |
| PSY | 309 | 840-345 | S   | 3.0 | PSYC |   |
| PSY | 311 | 840-999 |     | 1.0 | PSYC | * |
| PSY | 330 | 840-355 | S   | 3.0 | PSYC |   |
| PSY | 360 | 423-222 |     | 3.0 | EDFD | * |
| PSY | 360 | 840-331 |     | 3.0 | PSYC | * |
| PSY | 361 | 840-332 |     | 3.0 | PSYC |   |
| PSY | 362 | 840-999 |     | 3.0 | PSYC |   |
| SOC | 101 | 880-140 | S   | 3.0 | SOC  |   |
| SOC | 120 | 880-252 | S   | 3.0 | SOC  |   |
| SOC | 125 | 880-999 | S   | 3.0 | SOC  |   |
| SOC | 130 | 880-250 | S   | 3.0 | SOC  |   |
| SOC | 131 | 880-999 | S   | 3.0 | SOC  |   |
| SOC | 134 | 880-265 | S Y | 3.0 | SOC  |   |
| SOC | 138 | 880-999 | S   | 3.0 | SOC  |   |
| SOC | 160 | 880-999 | S   | 3.0 | SOC  |   |
| SOC | 170 | 880-999 | S   | 3.0 | SOC  |   |
| SOC | 246 | 880-999 | S   | 3.0 | SOC  |   |
| SOC | 250 | 880-999 | S   | 3.0 | SOC  |   |
| SOC | 291 | 880-999 |     | 1.0 | SOC  | * |
| SOC | 293 | 880-999 |     | 1.0 | SOC  | * |

|     |     |         |   |     |      |   |
|-----|-----|---------|---|-----|------|---|
| SOC | 299 | 880-999 |   | 1.0 | SOC  | * |
| SOC | 335 | 880-355 |   | 3.0 | SOC  |   |
| SOC | 357 | 880-999 |   | 3.0 | SOC  |   |
| SPA | 101 | 686-141 | H | 4.0 | SPAN |   |
| SPA | 102 | 686-142 | H | 4.0 | SPAN |   |
| SPA | 103 | 686-141 | H | 2.0 | SPAN | * |
| SPA | 104 | 686-141 | H | 2.0 | SPAN | * |
| SPA | 105 | 686-142 | H | 4.0 | SPAN |   |
| SPA | 106 | 686-142 | H | 2.0 | SPAN | * |
| SPA | 107 | 686-142 | H | 2.0 | SPAN | * |
| SPA | 118 | 686-999 |   | 1.0 | SPAN | * |
| SPA | 119 | 686-999 |   | 1.0 | SPAN | * |
| SPA | 201 | 686-251 | H | 4.0 | SPAN |   |
| SPA | 202 | 686-252 | H | 4.0 | SPAN |   |
| SPA | 203 | 686-251 | H | 2.0 | SPAN | * |
| SPA | 204 | 686-251 | H | 2.0 | SPAN | * |
| SPA | 205 | 686-252 | H | 4.0 | SPAN |   |
| SPA | 206 | 686-252 | H | 2.0 | SPAN | * |
| SPA | 207 | 686-252 | H | 2.0 | SPAN | * |
| SPA | 215 | 686-999 |   | 1.0 | SPAN | * |
| SPA | 216 | 686-999 |   | 1.0 | SPAN | * |
| SPA | 219 | 686-999 |   | 3.0 | SPAN |   |
| SPA | 221 | 686-332 | H | 3.0 | SPAN |   |
| SPA | 222 | 686-999 | H | 3.0 | SPAN |   |
| SPA | 225 | 686-321 | H | 3.0 | SPAN |   |
| SPA | 226 | 686-322 | H | 3.0 | SPAN |   |
| SPA | 235 | 999-999 | H | 1.0 | MISC | * |

|     |     |         |     |     |      |   |
|-----|-----|---------|-----|-----|------|---|
| SPA | 236 | 999-999 | H   | 3.0 | MISC | * |
| SPA | 237 | 615-201 | E Y | 3.0 | CHCN | * |
| SPA | 277 | 680-999 |     | 2.0 | ENGL | * |
| SPA | 291 | 686-999 |     | 2.0 | SPAN | * |
| SPA | 299 | 686-999 |     | 1.0 | SPAN | * |
| WIL | 140 | 630-999 | M   | 3.0 | BIOL |   |
| WOM | 101 | 890-100 | E   | 3.0 | WNST |   |
| WOM | 138 | 890-999 |     | 3.0 | WNST |   |
| WOM | 202 | 782-390 | H   | 3.0 | PHIL |   |
| WOM | 208 | 890-999 | E   | 3.0 | WNST |   |
| WOM | 231 | 890-999 | E   | 3.0 | WNST |   |
| WOM | 250 | 890-999 | E   | 3.0 | WNST |   |
| WOM | 279 | 680-264 | H   | 3.0 | ENGL |   |
| WOM | 291 | 890-999 |     | 1.0 | WNST | * |
| WOM | 299 | 890-999 |     | 1.0 | WNST | * |
| ZOO | 101 | 630-142 | L   | 5.0 | BIOL |   |
| ZOO | 103 | 630-214 | M   | 3.0 | BIOL |   |
| ZOO | 105 | 630-999 | M   | 3.0 | BIOL |   |
| ZOO | 140 | 630-999 | M   | 3.0 | BIOL |   |
| ZOO | 155 | 630-230 | M   | 3.0 | BIOL |   |
| ZOO | 170 | 630-360 | M   | 3.0 | BIOL |   |
| ZOO | 234 | 630-999 | M   | 3.0 | BIOL |   |
| ZOO | 237 | 630-999 | L   | 4.0 | BIOL |   |
| ZOO | 277 | 630-999 | M   | 3.0 | BIOL |   |
| ZOO | 291 | 630-999 |     | 1.0 | BIOL | * |
| ZOO | 299 | 630-999 |     | 1.0 | BIOL | * |
| ZOO | 315 | 630-999 |     | 2.0 | BIOL |   |

|     |     |         |     |      |
|-----|-----|---------|-----|------|
| ZOO | 316 | 630-999 | 2.0 | BIOL |
| ZOO | 350 | 630-999 | 3.0 | BIOL |

\* Please contact the Office of Admissions for more detailed information regarding the transferability of this course or refer to the Transfer Information System (TIS) at [www.uwsa/tis/](http://www.uwsa/tis/).

## **ADMINISTRATION**

### **Board of Regents of the University of Wisconsin System**

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## **University of Wisconsin System Administration**

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## **University of Wisconsin-Whitewater Campus Administration**

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### **Office of the Provost and Vice Chancellor for Academic Affairs**

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Associate Vice Chancellor for Academic Affairs Richard J. Telfer

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Dean of College of Business and Economics Joseph S. Domitrz

Dean of College of Education Jeffrey C. Barnett

Dean of College of Letters and Sciences Howard L. Ross

Dean of Graduate Studies and Continuing Education Richard C. Lee

Assistant Dean of Student Life for New Student Programs Linda Long

Executive Director of Admissions Tori A. McGuire

Registrar James McBride Stewart

Director of Career Services Craig Mosurinjohn

Director of Disabled Student Services John D. Truesdale

Director of Financial Aid Carol Miller

Director of University Health & Counseling

Services Judith A. McNeely

Director of Residence Life Jeff C. Janz

Director of Bookstore and Textbook Rental Wayne C. Lusk

Director of Children's Center Donna Summers (Acting)

Acting Director of Irvin L. Young Auditorium David A. Nees

Director of Recreation Sports/Facilities Gary L. Harms

Director of University Center/Activities Patricia K. Freer

Coordinator of Student/Employee Assistance Lynn A. Mucha

**Office of the Assistant Chancellor for Student Affairs**

Assistant Chancellor for Student Affairs Roger B. Ludeman

Deputy Assistant Chancellor for Student Affairs Stephen H. Summers

Dean of Student Life Ron Buchholz (Acting)

**Office of the Assistant Chancellor for Administrative Affairs**

Assistant Chancellor for Administrative Services James W. Freer

Director Financial Services and Controller Kipp Sonnentag

Director of Human Resources and Diversity Kim Dockus

Director of Police and Parking Services Janis K. Goder



Director of Risk Management and Safety Vay A. Rodman

Director, Facilities Planning & Management Joseph Koczan

**Office of the Assistant Chancellor for University Advancement**

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Executive Director of UW-Whitewater Foundation Jonathan C. Enslin

Executive Director of University Relations Thomas Kolda

Director of Alumni Relations Mark S. Dorn

Director of News and Public Affairs Debra Kain

**Office of the Assistant Chancellor for Budget Planning and Analysis**

Assistant Chancellor for Budget, Planning & Analysis Randy D. Marnocha

**ADMINISTRATIVE AND ACADEMIC SUPPORT STAFF AS OF JUNE 1, 1999**

JOHN W. MILLER (1999), Chancellor, B.S., Ohio University, Athens; M.S.Ed., Northern Illinois University, DeKalb; Ph.D., Purdue University, Lafayette, IN.

NANCY AMACHER (1998), Director of Project ASSIST of Educational Support Services, B.S., University of Wisconsin-Stevens Point; LD Cert, University of Wisconsin-Oshkosh; M.S.E., University of Wisconsin-Whitewater.

MARC J. ANDERSON (1990), Outreach Specialist of Continuing Education Services, B.A.S., University of Minnesota-Duluth; M.S., Indiana University.

JEFFREY C. BARNETT (1989), Dean of College of Education and Professor of Curriculum and Instruction, B.S., Shippensburg State College, Shippensburg, PA; M.S., Bucknell University, Lewisburg, PA; Ph.D., Pennsylvania State University, University Park.

TAMMY L. BARTHOLOMEW (1998), Lead Teacher of Children's Center, B.S. University of Wisconsin-Whitewater.

DENNIS BASKIN (1997), Director of Educational Talent Search of Academic Support Services, B.B.A., M.B.A., University of Wisconsin-Whitewater.

PHYLLIS I. BATRA (1984) Director of Developmental Education in Academic Support Services, B.S. Olivet Nazarene College, Kankakee, IL; M.E., University of Illinois-Urbana.

RICK K BEDORE (1995), Men's Tennis Coach of Intercollegiate Athletics, B.A., University of Wisconsin-Parkside. LISA BETH BERGENE (1999), Residence Hall Manager of Residence Life, A.A., Marquette University, Milwaukee, WI.

JANET L. BILGEN (1989), Coordinator of Student Involvement, B.M., University of Wisconsin-Whitewater.

KIRBY H. BOCK (1979), Specialist of Art and Music, B.S., University of Wisconsin-Madison; M.A., University of Wisconsin-Oshkosh.

JACQUELINE BONNEVILLE (1998), Residence Hall Manager of Residence Life, B.B.A., University of Minnesota, Duluth; M.S., University of Wisconsin-Whitewater.

LAURA L. BOWMAN (1997), Residence Hall Manager of Residence Life, B.A., Augustana College, M.A; University of South Dakota-Vermillion.

BARBARA R. BREN (1990), Reference Librarian and Assistant Professor, B.A., St. Olaf College, Northfield, MN; B.A., University of Minnesota, Minneapolis, MN; M.A., University of Wisconsin-Madison.

FREDA J. BRISCOE (1989), Director of Minority Business and Teacher Preparation Program of Academic Support Services, B.A., Arkansas College; M.S.E., Arkansas State University.

ANGELA BROOKS (1997), Director of Pre-College Programs, B.B.A., University of Wisconsin-Whitewater.

LISA M. BROWNING (1999), Manager of Research and Records for University Development, B.A., Rocky Mountain College, Billings, MT.

RONALD M. BUCHHOLZ (1984), Acting Dean of Student Life, B.S., University of Wisconsin-Stevens Point; M.S., University of Wisconsin-Whitewater.

DEBORAH BURGESS (1995), Women's Tennis Coach of Intercollegiate Athletics, B.B.A., M.B.A., University of Wisconsin-Whitewater.

SHIRLEY W. BUTLER (1988), Assistant Director of Financial Aid, B.S., M.Ed., University of Illinois-Champaign/Urbana.

JACOB CARLSON (1999), Reference Librarian of Technology & Information Resources/Library Services, B.A., Clark University, Worcester, MA; M.A., Washington University, St. Louis, MO; M.L.I.S., University of Pittsburgh, PA.

CHUNJU CHEN (1993), Director of Institutional Research, B.A., China Geological University; M.A., Ph.D., University of Minnesota-St. Paul.

TRACY CHYNOWETH (1998), Coordinator of Club and Wheelchair Sports for Recreation Sports, B.S., University of Wisconsin-LaCrosse; M.A., Ball State University, Muncie, IN.

JUDITH A. CIASTO (1993), Senior Physician of University Health and Counseling Services, B.A., Illinois Wesleyan University, Bloomington; M.D., University of Illinois-Rockford School of Medicine.

ANDREW CLARK (1998), Program Manager II of Small Business Development Center, B.S., M.S., University of Wisconsin-Milwaukee.

MICHAEL C. COHEN (1984), Budget Planner of Budget, Planning, and Analysis, B.B.A., M.S.E., University of Wisconsin-Whitewater.

GRACIELA COLIN-DEALCA (1990), Assistant Director of Student Retention Services Educational Opportunity Program, A.A., Donnelly College, Kansas, KA; B.A., William Jewell College, Liberty, MO; M.S., University of Wisconsin-Whitewater.

CHARLES E. COTTLE (1977), Director of User Training and Support Services of Technology and Information Resources and Professor of Political Science, B.A., University of the Americas, Mexico; M.A., Western Illinois University; Ph.D., Kent State University, OH.

TODD R. DATHE (1997), Residence Hall Manager of Residence Life, B.S., University of South Dakota-Vermillion; M.S., Western Illinois University-MaComb.

ALLAN W. DAVIS (1987) Serials Coordinator and Associate Professor, B.A., Rutgers University, Summit, NJ; M.A., Penn State University, University Park, PA; M.L.S., Indiana University, Bloomington, IN; Ph.D., University of Missouri, Columbus, MO.

MARY JO DE MEZA (1987), Information Processing Consultant of Technology & Information Resources, B.A., M.S., University of Idaho, Moscow, ID.

W. KIM DOCKUS (1998), Director of Human Resources, A.A., Illinois Valley Community College, Oglesby, IL; B.S., Northern Illinois University, DeKalb; M.S., Western Illinois University, MaComb.

JOAN M. DOMITRZ (1988), Head Swim Coach of Intercollegiate Athletics.

JOSEPH S. DOMITRZ (1976), Dean of College of Business and Economics and Professor of Economics, B.S., Central Michigan- University, Mount Pleasant; M.A., Western Michigan University, Kalamazoo; Ph.D., Southern Illinois University- Carbondale.

DAVID R. DORGAN (1989), Facilities Engineer, B.S. E.E., University of Wisconsin-Milwaukee; M.S.E., Milwaukee School of Engineering.

MARK S. DORN (1977), Director of Alumni Relations, B.S.Ed., University of Wisconsin-Whitewater; M.A., Bowling Green State University, Bowling Green, OH.

SHARILYNN DUCLOS (1996), Advisor of Financial Aid, B.S., University of Wisconsin-Whitewater.

SANDRA S. DUEX (1991), Assistant Director of Residence Life, B.A., M.S., Cardinal Stritch College-Milwaukee.

JAMES L. EHLERS (1980), Senior Clinical Nurse Specialist of University Health and Counseling Services, B.S., University of Wisconsin-Green Bay; B.S., M.S., University of Wisconsin-Oshkosh; M.B.A., University of Wisconsin-Whitewater.

RICHARD J. EHRENBURG (1986), Institutional Planner of Facilities Planning and Management, B.A., M. Div., Moravian College, Bethlehem, PA; B.S.L.A., University of Wisconsin-Madison.

SHAWN EICHORST (1999), Director of Intercollegiate Athletics, B.B.A., University of Wisconsin-Whitewater; J.D. Marquette University Law School, Milwaukee, WI.

JONATHAN C. ENSLIN (1996), Executive Director of UW-Foundation, B.A., Marquette University, Milwaukee, WI.

KRISTINA FABRICUS (1999), Program Advisor of the University Center, B.A., M.S., University of Wyoming, Laramie.

JASON FASSL (1999), Technical Operation Manager of Young Auditorium, B.F.A., University of Wisconsin-Stevens Point.

THOMAS M. FICK (1976), Sports Information Director, B.S., Carroll College, Waukesha.

MARY AMANDA FISCHER (1989), Senior Artist of Photo/Graphics of Technology and Information Resources, B.A., University of Wisconsin-Whitewater.

E. MICHAEL FLANAGAN (1996), Director of Crossman Gallery, B.F.A., Kansas State University; M.A., M.F.A., Northern Illinois University, DeKalb, IL.

GAIL M. FOX (1984), Assistant Director of Career Services, B.S., University of Wisconsin-Stout; M.S., University of Wisconsin-Whitewater.

JENNIFER C. FRANCHAK (1999), Admissions Representative of Admissions, B.A., M.E., University of Akron, Akron, OH.

JAMES W. FREER (1989), Assistant Chancellor of Administrative Services, B.B.A., M.B.A., University of Wisconsin-Oshkosh.

PATRICIA K. FREER (1990), Director of University Center, B.S., University of Wisconsin-Stout; M.S., University of Wisconsin-Whitewater.

STEPHEN J. FRIEDMAN (1988), Associate Dean of LEARN Center and Associate Professor of Educational Foundations, B.A., Loras College, Dubuque, IA; M.A., Ph.D., University of Iowa, Iowa City, IA.

ROBERT L. GAMBSKY (1997), Assistant Director of Admissions-Minorities, B.A., Marion College, Fond du Lac, WI.

THOMAS M. GANSER (1990), Director of Field Experiences and Associate Professor of Curriculum and Instruction, B.A., Ph.D., University of Wisconsin-Milwaukee; M.A., Ohio State University, Columbus.

CHRISTINA M. GARZA-NELSON (1995), Assistant Director of Upward Bound, B.A., University of Wisconsin-Whitewater.

KATHERINE M. GIBBS (1988), Coordinator of Distance Education, Continuing Education, Extension & Summer Session, B.S.E., University of Wisconsin-Whitewater; M.S., University of Wisconsin-Madison.

BARBARA J. GIGANTE (1988), Associate Student Services Coordinator of Student Affairs/University Center, B.S., Purdue University, West Lafayette, IN.

JANIS K. GODER (1988), Director of Police and Parking Services, B.S., University of Wisconsin-Whitewater.

STEVEN GRUBE (1999), Head Women's Soccer Coach of Intercollegiate Athletics, B.S., University of Wisconsin-Whitewater.

ALLAN P. HABERMAN (1983), Director of Student Financial Services, B.B.A., University of Wisconsin-Whitewater.

DAVID J. HALBACH (1980), Coordinator of Research & Technology of University Center, B.A., Wartburg College, IA; M.B.A., University of Wisconsin-Whitewater

CATHERINE HANSEN (1999), Reference Librarian of Technology & Information Resources/Library Services, B.A., University of Iowa; M.A., University of New Mexico; M.L.I.S., University of Wisconsin-Milwaukee.

M. JODI HARE (1992), Associate Registrar, B.S., M.S., Western Illinois University, MaComb, IL.

GARY L. HARMS (1985), Director of Recreation Sports and Facilities, B.S., Bowling Green State University, Bowling Green, OH; M.S., Miami University, Oxford, OH.

RICHARD P. HAVEN (1972), Associate Dean of College of Arts & Communication and Professor of Communication, B.S., M.A., Ball State University, Muncie, IN; Ph.D., University of Wisconsin-Madison.

DEBRA A. HEIBER (1990), Advising Coordinator of College of Letters and Sciences, B.A., Creighton University, Omaha, NE; M.A., Marquette University, Milwaukee, WI.

GREGORY HENSCHER (1999), Men's Soccer Coach of Intercollegiate Athletics, B.S., University of Wisconsin-Oshkosh.

JOHN H. HEYER (1997), Dean of College of Arts and Communication, B.Mus., DePauw University; M.Mus., Ph.D., University of Colorado.

STEVEN HILLMER (1999), Assistant Athletic Trainer of Intercollegiate Athletics, B.S., University of Wisconsin-Madison; M.S., University of Iowa, Iowa City.

KEVIN HINTZ (1999), Market Research Coordinator of Innovation Center, B.S., University of Wisconsin-Stout.

ALAN R. HOESLEY (1998), Coordinator of Residential Services and Assignments of Residence Life, B.A., M.S., University of Wisconsin-Whitewater.

SHERRY J. HOFER (1966), Administrative Assistant of Technology and Information Resources and Assistant Professor, B.A., UW-Eau Claire; M.A., University of Denver.

JOYCE L. HUANG (1985), Director of Library Services of Technology and Information Resources and Associate Professor, B.A., University of Hong Kong; M.L.S., University of Maryland, College Park, MD; M.A., Northeastern University, Boston, MA.

LYLE W. HUNTER (1964), Director of Networking and Telecommunications of Technology and Information Resources and Assistant Professor of Mathematics and Computer Science, B.S., University of Wisconsin-Whitewater; M.S., Oklahoma State University, Stillwater, OK.

LUKE JANIAK-FENTON (1998), Coordinator of Community Development of Residence Life, B.A., M.S., University of Wisconsin-Stout.

JEFF C. JANZ (1991), Director of Residence Life, B.S., M.S.Ed., University of Wisconsin-Platteville; M.B.A., University of Illinois-Chicago.

JOE JAQUESS (1984), Associate Academic Librarian of Technology and Information Resources, A.A., South Plains College; B.S., West Texas State University, Canyon, TX.

ROBIN R. JENS (1995), Coordinator of Residence Life, B.S., University of Wisconsin-Oshkosh; M.S., University of Wisconsin-LaCrosse.

JUSTIN R. JOHNSON (1998), Residence Hall Manager of Residence Life, B.S., Bemidji State University, Bemidji, MN; M.S., Indiana State University, Terre Haute.

WENDI A. JOHNSON (1998), Medical Supervisor of University Health and Counseling Services, B.A., Hillsdale College, Hillsdale, MI; M.D., Wayne State University, Detroit, MI.

PAUL H. JONES (1997), Associate Director of Admission, B.A., Trinity College, Hartford, CT; M.A., Ed.S., University of Iowa, Iowa City.

ARLETTE KAMBWA (1999), Residence Hall Manager of Residence Life, B.A., University of Wisconsin-Parkside, Kenosha, WI; M.A., Ball State University, Muncie, IN.

STEPHEN J. KAZAR (1997), Director of International Education & Programs, B.S., M.S., University of Wisconsin-LaCrosse.

YVETTE M. KELL (1998), Coordinator of Aquatics and Fitness of Recreation Sports, B.S., University of Illinois, Champaign-Urbana; M.S., Sam Houston State University, Huntsville, TX.

THERESE K. KENNEDY (1991), Associate Director of Recreation Sports & Facilities, B.A., M.S., Miami University, Oxford, OH.

LAWRENCE M. KENNEY (1995), Associate Dean of College of Education and Professor of Curriculum & Instruction, B.S.E., M.S.E., State University of New York-Brockport; Ed.D., State University of New York-Buffalo.

MARILYN J. KILE (1985), Health Awareness Coordinator of University Health and Counseling Services, B.A., Moorehead State University, Moorhead, MN; M.S.S.W., University of Wisconsin-Madison.

JACQUELINE A. KING (1983), Associate Director of Disabled Student Services, B.A., M.Ed., Kent State University, OH.

JOSEPH J. KOCZAN (1998), Director of Facilities Planning & Management, B.S., Rutgers University, New Brunswick, NJ; M.A., University of Northern Colorado.

JEFFREY A. KOHLMAYER (1989), Program Director of University Cable Television of Student Affairs, B.B.A., University of Wisconsin-Whitewater.

THOMAS KOLDA (1999), Executive Director of University Relations, B.A., Coe College, Cedar Rapids, IA; M.A., Ph.D., Columbia Pacific University, Dan Rafcal, CA.

MARK E. KRANER (1997), Assistant Director of Auxiliary Services, B.S., South Dakota State University, Brookings, SD.

JEANETTE LABARGE (1997), Staff Interpreter of Disabled Student Services, B.S., Carroll College, Waukesha, WI.



LESLIE LA MURO (1999), Marketing Specialist for Young Auditorium, B.A., University of Wisconsin-Whitewater.

ROBERT T. LANZA (1985), Specialist/Business Manager of Intercollegiate Athletics, B.S., Ohio University, Athens; M.A., Kent State University, OH.

RICHARD C. LEE (1981), Dean of Graduate Studies and Continuing Education and Professor of Special Education, B.S., M.S., University of Wisconsin-Milwaukee; Ph.D., University of Illinois, Urbana-Champaign.

CARLA M. LENK (1987), Director of Small Business Development Center of College of Business, B.S., M.S., University of Wisconsin-Milwaukee.

MICHAEL C. LENSER (1989), Rehabilitation Physical Therapist of University Health and Counseling Services, B.S., M.S., University of Wisconsin-Madison.

JAMIE L. LEURQUIN (1999), Assistant Director of Project ASSIST of Educational Support Services, B.S.E., University of Wisconsin-Whitewater.

CARRIE LENCHO (1999), Outreach Program Manager of Credit Outreach, B.A., M.A., University of Central Oklahoma.

LINDA L. LONG (1986), Assistant Dean of Student Life for New Student Programs, B.S., M.A., Ball State University, Muncie, IN.

ROGER B. LUDEMAN (1987), Assistant Chancellor for Student Affairs, B.S., Southern State College, South Dakota; M.Ed., University of South Dakota; M.Ed., Ph.D., University of Pittsburgh, Pittsburgh, PA.

WAYNE C. LUSK (1975), Director of University Bookstore, B.B.A., University of Wisconsin-Whitewater.

MARY BETH MACKIN (1988), Assistant Dean of Student Life, B.S., Ball State University, Muncie, IN; M.S., University of Southern California, Los Angeles, CA.

KIM M. MACUR (1989), Assistant to the Director of University Center, B.A., M.S., University of Wisconsin-Whitewater.

DEBRA S. MALEWICKI (1984), Director of Innovation Center of College of Business and Economics, B.A., East Texas State University, Commerce, TX; M.B.A., University of Wisconsin-Whitewater.

WILLIAM A. MANN (1997), PeopleSoft Applications Project Manager of Technology & Information Resources, B.B.A., University of Wisconsin-Madison.

RANDY D. MARNOCHA (1983), Assistant Chancellor of Budget, Planning and Analysis, B.B.A., University of Wisconsin-Eau Claire; M.B.A., University of Wisconsin-Madison; M.S.E., University of Wisconsin-Whitewater.

JERRY L. MCDONALD (1990), Associate Director of Career Services, B.A., M.A., Central Michigan University, Mt. Pleasant, MI.

TORI A. MCGUIRE (1990), Executive Director of Admissions, B.S., M.S.E., University of Wisconsin-Platteville, Ph.D., University of Wisconsin-Madison.

RICHARD C. MCGREGORY (1992), Director of McNair Program, B.B.A., University of Wisconsin-Oshkosh; M.B.A., University of Wisconsin-Whitewater.

JUDITH A. MCNEELY (1994), Executive Director of University Health and Counseling Services, B.A., Indiana University, New Albany; Ph.D., Vanderbilt University, Nashville.

PETER MEAGHER (1999), Project Program Coordinator of Student Life, B.A., Lawrence University, Appleton, WI; M.S.S.W., University of Wisconsin-Madison.

THERESA A. MEINEL (1983), Assistant Director of Textbook Rental, B.A., M.S., University of Wisconsin-Whitewater.

EDWARD C. MELCHIOR (1995), MIS & Technology Coordinator of Residence Life, B.S., University of Wisconsin-Oshkosh; M.S., Central Missouri State University.

CAROL A. MILLER (1979), Acting Director of Financial Aid, B.E., M.S., University of Wisconsin-Whitewater.

JEFFREY R. MILLER (1982), Cross Country Coach and Coordinator of Intercollegiate Athletics, B.S., University of Wisconsin-LaCrosse; M.S., University of Wisconsin-Whitewater.

TROY E. MOLDENHAUER (1995), Assistant Director-High School Relations of Admissions, B.S., University of Wisconsin-Whitewater; M.S., Western Illinois University, MaComb, IL.

LEONARD E. MORGAN (1975), Director of Testing and Student Affairs Research, B.S., University of Wisconsin-Platteville; M.A.T., University of Wisconsin-Whitewater; Ph.D., University of Wisconsin-Madison.

MICHAEL P. MORRISSEY (1994), Coordinator-Audience Services Young Auditorium, B.M., University of Wisconsin-Whitewater.

CRAIG MOSURINJOHN (1999), Director of Career Services, B.S., University of Wisconsin-Stevens Point; M.A., Wheaton Graduate School, Wheaton, IL.

LYNN A. MUCHA (1994), EAP and AOD Coordinator of University Health and Counseling Services, B.S.W., M.S.W., University of Wisconsin-Milwaukee.

CONNIE A. MURRAY (1980), Acting Associate Director of Financial Aid, B.S., M.S., University of Wisconsin-Whitewater.

STEPHEN G. NAYMICK (1991), Senior Counselor of University Health and Counseling Services, B.B.A., Marshall College-Huntington; M.S.W., West Virginia University; M.A., Marshall University-Huntington.

DAVID A. NEES (1987), Associate Director of Young Auditorium, B.S.E., M.A., University of Kansas, Lawrence, KS; M.F.A., Penn State University, University Park, PA.

MITCHELL R. NETTESHEIM (1999), Assistant Director for Facilities of Residence Life, B.B.A., M.E.P.D., University of Wisconsin-Whitewater.

SANDRA J. NORTHEY (1997), Job Developer of Disabled Student Services, B.S.E., University of Wisconsin-Whitewater.

ELIZABETH S. OGUNSOLA (1989), Director of Upward Bound Program of Academic Support Services, B.S., Southern Illinois University, Carbondale; M.S.E., Ed.D., Illinois State University, Normal.

NELIA OLIVENCIA (1991), Director of Latino Student Programs, B.A., Brooklyn College, Brooklyn, NY; M.A., Ph.D., Washington University, St. Louis, MO.

JANET E. OLSON (1982), Assistant Dean of College of Business and Economics, B.S., M.B.A., University of Wisconsin-Whitewater.

MELANIE OLSON (1999), Head Teacher of the Children's Center, B.S., University of Wisconsin-Whitewater.

MICHAEL J. PAESTELLA (1997), Student Involvement Advisor of University Center, B.A., State University of New York at Postdam, NY; M.A., Indiana University of Pennsylvania, Indiana, PA.

MARK PERKINS (1999), Research Specialist of Psychology, B.S., University of Wisconsin-Whitewater.

KIMBERLY T. PATTEN (1995), Assistant Director of Student Retention Services, B.A., University of Wisconsin-Madison.

JOHN D. PETERSON (1984), Facilities Coordinator of University Center, B.S., M.S., University of Wisconsin-Whitewater.

MARY A. PINKERTON (1983), Associate Dean of College of Letters & Sciences and Associate Professor of Languages and Literatures, B.A., Marquette University, Milwaukee, WI; M.A., Ph.D., University of Wisconsin-Madison.

JENNIFER A. PODEWILS (1996), Teacher of Children's Center, B.S., University of Wisconsin-Whitewater.

DAVID J. PRIOR (1998), Provost and Vice Chancellor of Academic Affairs and Professor of Biological Sciences, B.A., Olivet College, M.S., Central Michigan University, Mt. Pleasant; Ph.D., University of Virginia-Charlottesville.

ROGER L. PULLIAM (1989), Assistant Vice Chancellor of Academic Support Services and Assistant Professor of Curriculum and Instruction, B.A., M.A., Western Michigan University, Kalamazoo, MI; Ph.D., University of Michigan.

MILLISSA E. RICK (1996), Research Manager of Wisconsin Innovation Service Center, B.A., University of Wisconsin-Whitewater.

JAMES B. ROBINSON (1999), Recreation Advisor of the University Center/Recreation Center, B.A., University of Wisconsin-Whitewater.

VAY A. RODMAN (1984), Director of Risk Management and Safety and Professor of Safety Studies, B.S., Black Hills State College; M.P.H., Ph.D., University of Oklahoma; M.S.E.H., East Tennessee University.

HOWARD L. ROSS (1993), Dean of College of Letters and Sciences and Professor of Philosophy and Religious Studies, B.A., Saint Xavier University; M.A., Northwestern University; M.A., University of Missouri-Columbia; M.A., Ph.D., Southern Illinois University.

ANN RUFF (1999), Assistant Dean of the College of Education and Professor of Curriculum and Instruction, B.S., University of Wisconsin-Madison; M.S. Ed.D., Indiana University, Bloomington, IN.

SAMANTHA S. SAMRETH (1998), Academic Counselor of Minority Business and Teacher Preparation Program, B.A., University of Wisconsin-Whitewater.

RICHARD J. SCHLAFER (1965), Associate Director of University Health and Counseling Services and Associate Professor of Psychology, B.S., M.S., Ph.D., University of Wisconsin-Madison.

KATHY W. SCHMIDT (1999), Coordinator of Technical Processing of Technology & Information Resources/Library Services, B.A., Butler University, Indianapolis, IN; M.L.S., School of Library and Information Science, Indiana University-Bloomington; M.B.A., Winona State University, MN.

THOMAS H. SCHNEIDER (1998), Director of Information Systems Operations Services of Technology & Information Resources, B.A., M.B.A., University of Wisconsin-Madison.

LAWRENCE F. SCHUETZ (1975), Assistant Dean of College of Letters and Sciences and Assistant Professor of Languages and Literatures, B.S., M.A., Ph.D., University of Wisconsin-Milwaukee.

KATHLEEN A. SCHUMACHER (1985), Assistant Director of Financial Aid, B.S., M.S., University of Wisconsin-Whitewater.

SARAH L. SCHUTT (1997), Coordinator of Residence Life, B.A., University of Iowa-Iowa City; M.S., Mankato State University, Mankato, MN.

HSI-PING T. SHAO (1984), Assistant Vice Chancellor for Technology and Information Resources and Professor, B.A. National Taiwan Normal University; M.S., Drexel University; M.A., Ph.D., University of Pennsylvania.

KIPP S. SONNENTAG (1996), Controller and Director of Financial Services, B.S., University of Wisconsin-Madison; M.S., University of Wisconsin-Whitewater.

KELLY SPELLMAN (1999), Assistant Director of News & Public Affairs, B.S., University of Wisconsin-Oshkosh.

MICHAEL C. SPELLMAN (1989), Assistant Chancellor of University Advancement, B.S., University of Wisconsin-Whitewater; M.A., University of Northern Colorado, Greeley, CO.

SHANE STAFF (1994), Senior Advisor of Student Retention Services, B.S., M.S., University of Wisconsin-Whitewater.

JAMES M. STEWART (1980), Registrar, B.S., University of Wisconsin-Madison; M.A., M.S., University of Wisconsin-Whitewater.

JOHN F. STONE (1990), Associate Dean of Graduate Studies and LEARN Center and Associate Professor of Communication, B.A., Gustavus Adolphus College, St. Peter, MN; M.A., Ph.D., University of Minnesota-Minneapolis.

MARK STONE (1999), Computer Lab Specialist for Technology & Information Resources, B.S., M.E.P.D., University of Wisconsin-Whitewater.

DONNA SUMMERS (1999), Acting Director of Children's Center, B.E., University of Wisconsin-Whitewater.

STEPHEN H. SUMMERS (1967), Deputy Assistant Chancellor for Student Affairs and Assistant Professor, B.S., M.S., Eastern Illinois University; Ph.D., University of Wisconsin-Madison.

RUTH L. SWISHER (1979), Associate Director of University Health and Counseling Services, B.S., University of Wisconsin-Milwaukee.

RICHARD J. TELFER (1985), Associate Vice Chancellor for Academic Affairs and Professor of Curriculum & Instruction, B.S., M.A., Central Michigan University; Ph.D., University of Wisconsin-Madison.

JUDITH TRAMPF (1999), Diversity and Equal Opportunity Compliance Officer, B.S., University of Wisconsin-Platteville; M.S., University of Wisconsin-Madison.

TILLMAN TERRY JR. (1988), Assistant Director of Financial Aid, B.S., M.Ed., Loyola University, Chicago, IL.

BORIS A. TESKE (1994), Assistant Professor of Library Services of Technology and Information Resources, B.A., Whitman College; M.A., M.S., University of South Carolina, Chapel Hills.

GREGG R. THEUNE (1980), Coordinator Photo/Graphics of Technology and Information Resources, B.A., Southern Illinois University, Carbondale.

JANE P. THIELMAN (1992), Clinical Nurse Specialist, B.S.N., M.S.N., University of North Carolina-Chapel Hill.

VICTORIA A. TOPP (1990), Reference Librarian of Library Services of Technology and Information Resources and Assistant Professor, B.S., M.A., University of Wisconsin-Madison.

JOHN D. TRUESDALE (1971), Director of Disabled Student Services, B.S., University of Wisconsin-Madison; M.S., University of Wisconsin-Milwaukee.

CHERYL J. TUMBARELLO (1998), Residence Hall Manager of Residence Life, B.B.A., University of North Dakota-Grand Forks; M.S.Ed., Eastern Illinois University, Charleston.

TERRENCE A. TUMBARELLO (1998), Residence Hall Manager of Residence Life, B.S., M.S., Eastern Illinois University, Charleston.

LUE VANG (1998), Advisor of Financial Aid, B.S., University of Wisconsin-Madison.

JOHN VODENLICH (1999), Athletic Development Game Management Coordinator and Assistant Baseball & Golf Coach of Intercollegiate Athletics, B.B.A., M.B.A., University of Wisconsin-Whitewater.

BRENDA K. VOLK (1996), Women's Softball Coach of Intercollegiate Athletics and Lecturer of Remedial Math of Academic Support Services, B.S., University of Wisconsin-Whitewater.

JENNIFER L. WAGNER (1998), Job Developer of Disabled Student Services, B.S.E., University of Wisconsin-Whitewater.

LISA M. WATTS (1997), Coordinator of Multicultural Education Center of University Center, B.A., M.S., University of Wisconsin-Whitewater.

MARKUS J. WATTS (1995), Assistant Director of Upward Bound/Educational Talent Search, B.S., Wilberforce University, Wilberforce, OH.

LAMONT C. WEAVER (1980), Director of Academic Standards Services of Academic Support Services, B.S., University of Wisconsin-Madison; M.A., University of Wisconsin-River Falls.

SHARON L. WEBSTER (1968), Assistant Director of University Health and Counseling Services and Instructor, B.S., University of Wisconsin-Oshkosh; M.E., University of Toledo, OH.

CASSANDRA WELLIVER (1998), Director of Public Events of College of Arts and Communication, B.A., Kent State University, Kent, OH; M.A., Carnegie Mellon University, Pittsburgh, PA.

JACQUELYN E. WENKMAN (1988), Assistant Director of Disabled Student Services, B.S., University of Wisconsin-LaCrosse; M.S., Winona State, Winona, MN; Ph.D., University of Wisconsin-Madison.

DAVID WERWATH (1999), Physician for University Health & Counseling Services, B.S., University of Wisconsin-Milwaukee; M.D., Medical College of Wisconsin-Milwaukee.

KAREN A. WESTON (1985), University Archivist and Assistant Professor of Library Services, B.A., Mount Holyoke College, South Hadley, MA; M.S.L.S., Case Western Reserve University, Cleveland, OH; M.A., University of Wisconsin-Madison

. GREG WEUM (1999), Ice Hockey Coach of Intercollegiate Athletics, B.S., University of Wisconsin-Whitewater, J.D., University of Wisconsin Law School, Madison.

CONSTANCE A. WIERSMA (1997), Assistant Director of Disabled Student Services, B.A., University of Wisconsin-Whitewater.

SUSAN C. WOLFF (1997), Rehabilitation Specialist of Disabled Student Services, B.A., University of Wisconsin-Whitewater.

LORNA Y. WONG (1986), Specialist of Technology and Information Resources/User Training and Support, B.S., UW-Eau Claire; M.S., State University of New York, Buffalo, NY; A.A., Blackhawk Technical Institute, Janesville, WI.

ROLAND C. WOODBECK (1975), Assistant Director of HawkCard Office, University Center, B.S., University of Wisconsin-Eau Claire; M.S., University of Wisconsin-Whitewater.



LI CHUNG YIN (1994), Assistant Professor of Library Services, B.S., National Chung Hsin University, Taiwan; Ph.D., Indiana University-Bloomington.

DONALD K. ZAHN (1978), Associate Dean of College of Business and Economics and Professor of Business Education and Office Systems, B.E., University of Wisconsin-Whitewater; M.A., Northern Arizona University, Flagstaff; Ed.D., University of Montana, Missoula.

LOUELLA J. ZAHN (1984), Director of Continuing Education Services, B.A., University of Wisconsin-Eau Claire; M.A., Northern Arizona University.

SYLVIA J. ZWEIFEL (1979), Costume Shop Assistant of Theatre.

## **INSTRUCTIONAL STAFF AS OF JUNE 1, 1999**

SUBHI ABDERREZAQ (1999), Assistant Professor of Safety Studies, B.S., Texas A&M, Kingsville, TX; M.S., Ph.D., New Mexico University, Las Cruces, NM.

GEORGE R. ADAMS (1966), Professor of Languages and Literatures, B.A., Ph.D., University of Oklahoma, Norman.

RICK A. ADAMS (1993), Associate Professor of Biological Sciences, B.A., M.A., Ph.D., University of Colorado, Boulder, CO.

PAUL G. ADOGAMHE (1996), Assistant Professor of Political Science, B.A., Pontifical Urban University, Rome, Italy; M.A., Fordham University, Bronx, NY; M.Phil., Ph.D., City University of New York.

KRISTEN AGENA (1999), Lecturer of Health, Physical Education, Recreation and Coaching and Women's Athletic Trainer of Intercollegiate Athletics, B.A., Simpson College Indianola, IA; M.S., University of Iowa, Iowa City.

MOHAMMAD H. AHMADI (1986), Associate Professor of Mathematical and Computer Sciences, B.A., Tehran University of Teachers, Iran; M.S., University of Wisconsin-Superior; M.A., Ph.D., University of Wisconsin-Madison.

DEBORAH J. AKS (1993), Associate Professor of Psychology, B.A., SUNY-Binghamton, NY; M.A., Ph.D., University of British Columbia, Vancouver, British Columbia.

STEVEN J. ALBRECHTSEN (1983), Professor of Health, Physical Education, Recreation, and Coaching, B.S., University of Minnesota, MN, M.S., Ph.D., Colorado State University, Fort Collins, CO.

NARCISO ALEMAN (1999), Lecturer of Educational Foundations, M.A.T., Colegio Jacinto Trevino/Antioch College, Merced, TX; J.D., University of Wisconsin-Madison; Ph.D., University of Minnesota, Minneapolis.

J. MICHAEL ALLSEN (1997), Lecturer of Music, B.S., University of Wisconsin-LaCrosse; M.M., Ph.D., University of Wisconsin-Madison.

ERIC ANDERSON (1995), Associate Lecturer of Developmental Education, B.S., University of Wisconsin-Whitewater.

JANET A. ANDERSON (1969), Professor of Art, B.A., M.A., Pennsylvania State University, University Park; Ph.D., University of Michigan, Ann Arbor.

MARSHALL B. ANDERSON (1986), Associate Professor of Theatre, B.A., Luther College; M.F.A., Illinois State University.

PEGGY E. ANDERSON (1965), Professor of Management, B.A., MacMurray College, Jacksonville, IL; M.S., Ph.D., University of Illinois, Urbana.

STEVEN W. ANDERSON (1987), Associate Professor of Chemistry, B.A., Carthage College, Kenosha, WI; M.S. Marquette University, Milwaukee, WI; Ph.D., Northern Illinois University, DeKalb, IL.

MARILYN ANNUCCI (1997), Lecturer of Languages and Literatures, B.A., Assumption College, Worcester, MA; M.F.A., University of Pittsburgh, PA.

JEFFREY ANSTINE (1999), Assistant Professor of Economics, B.A., State University of New York, Albany; M.S., Ph.D., University of Kentucky, Lexington.

AMY E. ARNTSON (1982), Professor of Art, B.F.A., Michigan State University, East Lansing, MI; M.F.A., University of Wisconsin-Milwaukee.

ALKA ARORA (1996), Assistant Professor of Accounting, L.L.B., University of Bombay, India; M.B.A., Ph.D., Kent State University, OH; CPA, Ohio.

KATHRYN ASALA (1999), Lecturer of Chemistry, B.S., Truman State University, Kirksville, MO; M.S., Ph.D., Miami University, Oxford, OH.

JOHN AULERICH (1999), Instructor of Finance and Business Law, B.A., Michigan State University, East Lansing.

RINO AVELLNEDA (1999), Lecturer of Languages and Literatures, B.A., New College of University of South Florida, Sarasota; M.A., Vanderbilt University, Nashville, TN.

HAROLD B. AVERKAMP (1980), Senior Lecturer of Accounting, B.S., Marquette University, Milwaukee, WI; M.B.A., Northwestern University, Evanston, IL; CPA, Wisconsin.

MALVINA F. BAICA (1984), Professor of Mathematical and Computer Sciences, B.S., M.S., University of Timisoara, Romania; M.S., Illinois Institute of Technology, IL; Ph.D., University of Houston, TX.

KAREN L. BARAK (1989), Assistant Professor of Health, Physical Education, Recreation and Coaching, B.S., M.S.E., University of Wisconsin-LaCrosse, Ph.D., University of Wisconsin-Madison.

RENEE BARR (1997), Lecturer of Educational Foundations, B.S.E., M.S.E., University of Wisconsin-Whitewater; Ph.D., University of Wisconsin-Madison.

JANET R. BARRETT (1990), Associate Professor of Curriculum and Instruction and Music, B.M., M.A., University of Iowa, Iowa City; Ph.D., University of Wisconsin-Madison.

PETER C. BARTON (1983), Professor of Accounting, B.A., Syracuse University, Syracuse, NY; M.B.A., J.D., University of Wisconsin-Madison.

DAVID BASHAW (1999), Lecturer of Economics, B.A., M.A., Ph.D., University of Wisconsin-Milwaukee.

RAYMOND D. BAUS (1988), Associate Professor of Communication, B.S., University of Bridgeport, Bridgeport, CT; M.A., West Virginia University, Morgantown, WV.; Ph.D., Southern Illinois University-Carbondale.

BARBARA R. BEAVER (1993), Assistant Professor of Psychology, B.A., Saint Xavier College, Chicago; M.A., Ph.D., Northern Illinois University-DeKalb.

DAVID I. BEDNAREK (1995), Lecturer of Communication, B.A., M.A., University of Wisconsin-Madison.

ROBERT J. BEREZOWITZ (1981), Lecturer of Health, Physical Education, Recreation, and Coaching, B.E., M.E.P.D., University of Wisconsin-Whitewater.

RONALD J. BERGER (1981), Professor of Sociology, B.A., M.A., Ph.D., University of California-Los Angeles.

NANCY BERKAS (1998), Lecturer of Curriculum and Instruction, B.A., Luther College, Decorah, IA; M.E.P.D., University of Wisconsin-Whitewater.

ASHOK BHARGAVA (1970), Professor of Economics, B.A., M.A., Delhi University; M.S., Ph.D., University of Wisconsin-Madison.

LLOYD A. BINAGI (1982), Assistant Professor of History, M.S., M.A., Ph.D., Temple University, Philadelphia, PA.

KENNETH B. BLACK (1997), Professor of Military Science, B.S., Central State University; M.S.A., Central Michigan University.

PETER BLAKEMORE (1999), Assistant Professor of Languages and Literatures, B.A., University of Iowa, Iowa City; M.F.A., M.A., University of Montana, Missoula; Ph.D., University of Oregon, Eugene.

WILLIAM F. BLANKENAU (1997), Assistant Professor of Economics, B.S., University of Nebraska; M.A., Colorado State University, Fort Collins, CO; Ph.D., University of Iowa-Iowa City.

ELIZABETH L. BLUMBERG (1967), Professor of Art, B.S., M.S., M.F.A., University of Wisconsin-Madison.

JOZSEF BOGNER (1999), Assistant Professor of Health, Physical Education, Recreation, and Coaching, B.A., University of Physical Education, Budapest, Hungary; M.Ed., Ph.D., University of Idaho, Moscow.

M. JANETTE BOHI (1959), Professor of History, B.A., Wheaton College; M.A., Ph.D., University of Illinois at Urbana-Champaign.

KARL F. BORGESON (1970), Professor of Art, B.A., St. Cloud College; M.F.A., University of Minnesota.

BRIAN J. BORLAND (1995), Lecturer of Health, Physical Education, Recreation and Coaching, B.S., Morningside College, Sioux City, IA; M.S., University of Florida-Gainesville.

HOWARD A. BOTTS (1983), Professor of Geography & Geology, B.A., M.A., California State University, Northridge, CA; Ph.D., University of Wisconsin-Madison.

DEBORAH C. BOWEN (1989), Lecturer of Safety Studies, B.S., M.S., University of Wisconsin-Whitewater.

SCOTT T. BRADLEY (1993), Associate Professor of Communicative Disorders, B.A., University of Wisconsin-Milwaukee; M.A., Ohio University, Athens, OH; Ph.D., Vanderbilt University, Nashville, TN.

TOM BRAMORSKI (1989), Professor of Management, B.S., M.S., Warsaw Technical University, Warsaw, Poland; M.B.A., Ph.D., University of Iowa, Iowa City, IA.

JAMES BRONSON (1999), Assistant Professor of Management, B.S., Oregon State University, Corvallis; M.B.A., University of Alaska, Anchorage; Ph.D., Washington State University, Pullman.

NICOLE BRONSON (1999), Associate Lecturer of Developmental Education, B.B.A., University of Wisconsin-Whitewater.

RICHARD S. BROOKS (1980), Associate Professor of Philosophy and Religious Studies, B.A., University of Kansas, Lawrence, KS; Ph.D., Northwestern University, Evanston, IL.

ROBERT M. BRYAN (1986), Associate Professor of Mathematical and Computer Sciences, B.A., M.A., University of Missouri, Columbia, MO; Ph.D., University of Kansas, Lawrence, KS.

KAREN E. BUCKLEY (1991), Lecturer of Languages and Literatures, B.S., M.A., Ph.D., Southern Illinois University-Carbondale.

JOHN BUETZBERGER (1997), Lecturer of Art, B.S., M.F.A., University of Wisconsin-Madison

BRUCE J. BUKOWSKI (1986), Assistant Professor of Health, Physical Education, Recreation, and Coaching, B.S., M.S., University of Wisconsin-LaCrosse; Ph.D., University of Wisconsin-Madison.

DOUGLAS H. BUNTON (1999), Lecturer of Business Education/Office Systems, B.S.E., M.S.E., Southern Illinois University, Carbondale.

RANDY T. BUSSE (1995), Assistant Professor of Psychology, B.S., M.S., Ph.D., University of Wisconsin-Madison.

JAMES BUTCHART (1999), Lecturer of Theater/Dance, B.A., University of Wisconsin-Whitewater; M.F.A., University of Wisconsin-Milwaukee.

JERRY BUTLER (1999), Lecturer of Art, B.S., Jackson State University, Jackson, MS; M.F.A., University of Wisconsin-Madison.

JEAN M. CALHOUN-CHRISTIANSON (1996), Lecturer of Art, B.F.A., University of Wisconsin-Whitewater; M.F.A., University of Wisconsin-Madison.

JOHN CARLBERG (1998), Lecturer of Languages and Literatures, B.A., Aurora University, Aurora, IL; M.A., Northern Illinois University, DeKalb.

DAVID E. CARTWRIGHT (1982), Professor of Philosophy and Religious Studies, B.S., University of Wisconsin-Stevens Point; M.A., University of Wyoming, Laramie, WY; M.A., Ph.D., University of Wisconsin-Madison.

PATRICIA L. CASEY (1972), Professor of Communicative Disorders, B.S., University of Wisconsin-Whitewater; M.S., University of Wisconsin-Milwaukee; Ph.D., Indiana University-Bloomington.

WILLIAM L. CHANDLER (1990), Associate Professor of Curriculum and Instruction and Art, B.A., Concordia Teachers College, River Forest, IL; B.F.A., M.S., University of Wisconsin-Milwaukee; Ed.D., Ball State University, Muncie, IN.

NI CHANG (1996), Assistant Professor of Curriculum and Instruction, B.A., Beijing Foreign Languages, Beijing, China; M.A., Ed.D., Vanderbilt University, Nashville, TN.

NAYLA CHEHADE (1997), Lecturer of Languages and Literatures, LIC, Universidad del Valle-Cali, Columbia; M.A., University of Wisconsin-Madison.

STEPHEN P. CHENE (1994), Technical Director of Theatre/Dance, B.A., SUNY at Plattsburgh, NY; M.F.A., Virginia Polytechnic Institute, Blacksburg, VA.

MYUNG HEE CHUNG (1995), Associate Professor of Music, B.M., M.M., Julliard School of Music, New York, NY; D.M.A., Manhattan School of Music, New York, NY.

CRISTINA CIPRIANO (1998), Lecturer of Business Education/Office Systems, B.S., Northern Michigan University, Marquette; M.S., University of Wisconsin-Madison.

DONNA RAE CLASEN (1983), Professor of Educational Foundations, B.A., University of Wisconsin-Platteville; M.A., Ph.D., University of Wisconsin-Madison.

L. BRENDA CLAYTON (1989), Associate Professor of Health, Physical Education, Recreation, and Coaching, B.S., Winthrop College, Rockhill, SC; M.S., Ed.D., University of North Carolina at Greensboro.

LAWRENCE K. CLEM (1992), Lecturer of Developmental Mathematics, B.A., University of Detroit, MI; M.A., Wesleyan University, Middletown, CT.

CHRISTINE CLEMENTS (1990), Associate Professor of Management, B.A., University of Wisconsin-Madison; M.B.A., University of Wisconsin-LaCrosse; Ph.D., University of Arkansas, Fayetteville, AR.

PAMELA R. CLINKENBEARD (1996), Professor of Educational Foundations, B.A., DePauw University, Greencastle, IN; M.S., Ph.D., Purdue University, West Lafayette, IN.

DEWITT CLINTON (1982), Professor of Languages and Literatures, B.A., Southwestern College, Winfield, KS; M.A., Wichita State, Wichita, KS; M.F.A., Ph.D., Bowling Green State University, Bowling Green, OH.

GEORGE V. CLOKEY (1995), Lecturer of Biological Sciences, B.S., University of Wisconsin-Madison; Ph.D., University of Pittsburgh, PA.

WAYNE COLE (1997), Lecturer of Safety Studies, B.S., Cardinal Stritch College, Milwaukee, WI; M.S., University of Wisconsin-Whitewater.

JERRE C. COLLINS (1984), Associate Professor of Languages and Literatures, B.A., M.T.H., University of Notre Dame, IN; M.A., Ph.D., University of Wisconsin-Milwaukee.

THOMAS L. COLWIN (1982), Associate Professor of Theatre/Dance, B.A., University of Wisconsin-Oshkosh; M.A., University of Illinois/Urbana; Ph.D., Texas Tech University, Lubbock, TX.

PETER D. CONOVER (1972), Professor of Communication and Director of Cable 6, B.A., University of Iowa; M.S., Syracuse University, Syracuse, NY; Ph.D., University of Wisconsin-Madison.

JULIANA CONSTANTINESCU (1998), Lecturer of Physics, B.S., M.S., University of Bucharest, Romania.

GREGORY L. COOK (1990), Professor of Psychology, B.S., University of Dayton, Dayton, OH; Ph.D., Vanderbilt University, Nashville, TN.

LYNN T. COURTENAY (1984), Assistant Professor of Art, B.A., Vassar College, Poughkeepsie, NY; M.A., Ph.D., University of Wisconsin-Madison.

RONALD R. CRABB (1986), Associate Professor of Finance and Business Law, B.A., M.B.A., Ph.D., University of Wisconsin-Madison.

JACQUELINE A. DAILEY (1985), Assistant Professor of Health, Physical Education, Recreation and Coaching, B.S., University of Michigan, Ann Arbor, MI; M.S., Pennsylvania State University, University City, PA; Ed.D., University of North Carolina, Greensboro, NC.

DENIS A. DALE (1988), Associate Professor of Art, B.A., Western Illinois University, Macomb, IL; M.F.A., University of Wisconsin-Madison.

NORMA G. DAVIDSON-ZIELSKE (1982), Senior Lecturer of Languages and Literatures, B.A., M.A., CAS, Northern Illinois University, DeKalb, IL.

WADE H. DAZEY (1990), Associate Professor of Philosophy and Religious Studies, B.A., University of California-Santa Cruz; M.A., Ph.D., University of California-Santa Barbara.

DAWN DELANEY (1999), Lecturer of Psychology, B.S., University of Wisconsin-Whitewater; M.A., Ph.D., Western Michigan University, Kalamazoo, MI.

WENDY R. DEMORE (1995), Lecturer of Health, Physical Education, Recreation and Coaching, B.S., University of Wisconsin-Oshkosh; M.S., University of Wisconsin-LaCrosse.

ROXANNE DE PAUL (1988), Professor of Communicative Disorders, B.A., Brooklyn College, CUNY, NY; M.S., Columbia University, New York; Ph.D., University of Wisconsin-Madison.

CARLOS W. DE ONIS (1982), Associate Professor of Languages and Literatures, B.A., University of Colorado-Boulder; M.A., University of Wyoming; Ph.D., University of Colorado-Boulder.

CARMEN DIAGOSTINE (1998), Lecturer of Music, B.M.E., University of Wisconsin-Eau Claire.

BETTY A. DIAMOND (1985), Assistant Professor of Languages and Literatures, B.A., Queens College CUNY; M.A., University of Leicester, England; Ph.D., University of Wisconsin-Madison.

COLETTE T. DOLLARHIDE (1998), Assistant Professor of Counselor Education, B.A., California State University, Fullerton; M.A., Ed.D., University of Nevada, Reno.

JOHN R. DOMINGUEZ (1988), Professor of Economics, B.A., University of Southern California, Los Angeles, CA; Ph.D., Massachusetts Institute of Technology, Boston, MA.

R. NEIL DORTCH (1968), Professor of Business Education and Office Systems, B.S., Austin Peay State University; M.S., Northern Illinois University, DeKalb, IL; Ph.D., University of Wisconsin-Madison.

WILLIAM A. DRAGO (1990), Associate Professor of Management, B.S., Iowa State University, Ames, IA; M.B.A., University of Wisconsin-LaCrosse; Ph.D., University of Arkansas, Fayetteville, AR.

EDWARD J. DREXLER (1964), Professor of Chemistry, B.S., M.S., Xavier University, Cincinnati, OH; Ph.D., Wayne State University, Detroit, MI.

MARILYN L. DURHAM (1986), Assistant Professor of Languages and Literatures, B.A., M.A., Ph.D., University of Wisconsin-Madison.

DOUGLAS B. EAMON (1985), Professor of Psychology, B.A., M.A., University of Montana, Missoula, MT; Ph.D., University of Michigan, Ann Arbor, MI.

ALLEN R. EINERSON (1985), Lecturer of Developmental Studies, B.A., M.A., Ph.D., University of Wisconsin-Madison.

CHRISTIAN K. ELLENWOOD (1996), Assistant Professor of Music, B.A., Eastman School of Music, Rochester, NY; M.M., Indiana University, Bloomington, IN; D.M.A., University of North Carolina-Greensboro.

MARY A. EMERY (1990), Assistant Professor of Languages and Literatures, B.A., M.A., University of Wisconsin-Milwaukee, Ph.D., University of Wisconsin-Madison.

M. VIRGINIA EPPS (1991), Associate Professor of Curriculum and Instruction, B.S., M.F.A., Ph.D., University of Kansas, Lawrence, KS.

EDWARD E. ERDMANN (1985), Assistant Professor of Languages and Literatures, B.A., University of Wisconsin-Stevens Point; M.A., Kent State University; Ph.D., University of Southern California.

BRUCE D. ESHELMAN (1996), Assistant Professor of Biological Sciences, B.S., University of Nevada-Reno; M.S., Biology University of Nevada-Reno; Ph.D., University of Houston, TX.

FE S. EVANGELISTA (1999), Assistant Professor of Mathematical and Computer Sciences, B.S., Ateneo de Manila University, Philippines; M.S., University of Minnesota, Minneapolis; Ph.D., University of Illinois, Chicago.

JOHN D. FALLON (1968), Instructor of Languages and Literatures, B.A., Lawrence University, Appleton, WI; M.A., University of Wisconsin-Madison.

NANCY FARMER (1999), Lecturer of Health, Physical Education, Recreation and Coaching, B.S., Western Michigan University, Kalamazoo; M.S., Eastern Michigan University, Ypsilanti.

JEANINE M. FASSL (1983), Lecturer of Communication, B.A., M.S.T., University of Wisconsin-Whitewater.

KAREN FASTER (1999), Lecturer of Communication, B.A., Pacific Lutheran University, Tacoma, WA; M.A., University of Minnesota, Minneapolis.

ROBIN B. FELLOWS (1989), Professor of Music, B.S., Crane School of Music, Potsdam, NY; M.M., Cleveland Institute of Music, Cleveland, OH; D.M., Northwestern University.

GEORGE J. FERENCZ (1991), Professor of Music, B.M., B.M.E., Ohio State University, Columbus; M.A., Ph.D., Kent State University, Kent, OH.

JANE R. FERENCZ (1996), Lecturer of Music, B.M., DePauw University, Greencastle, IN; M.M., M.A., Kent State University, Kent, OH.

M.B.A., Ph.D., University of Wisconsin-Madison; C.P.A., State of Wisconsin.

BRUCE P. FLOOD (1967), Associate Professor of History, A.B., Stanford University; M.A., University of California-Berkeley; Ph.D., University of Colorado.

KATHLEEN FOSS-MOLLAN (1999), Lecturer of History, B.A., Western Washington University, Bellingham; M.A., Ph.D., University of Wisconsin-Milwaukee.

ROBIN K. FOX (1990), Lecturer of Curriculum and Instruction, B.A.E., University of Wisconsin-Stevens Point; M.S.E., University of Wisconsin-Whitewater.

JULIE FRAZIER (1999), Lecturer of Communicative Disorders, B.S., M.S., University of Wisconsin-Madison.

MARVIN D. FREE, JR., (1996), Associate Professor of Sociology, B.B.A., M.B.A., M.A., Baylor University, Waco, TX; Ph.D., University of Denver, CO.

MELISSA R. FREIBERG (1990), Associate Professor of Curriculum and Instruction, B.E., University of Wisconsin-Eau Claire; M.S., Ph.D., University of Wisconsin-Milwaukee.

MARGARET FROMMER-HOEKENGA (1989), Lecturer of Curriculum and Instruction, B.A., St Olaf College, Northfield, MN; M.S., Northern Illinois University, DeKalb.

LEILANI GARCIA (1994), Lecturer of Languages and Literatures, B.A., Indiana University/University of Puerto Rico; M.A., University of Wisconsin-Madison.

ANN GARVIN (1998), Assistant Professor of Health, Physical Education, Recreation and Coaching, B.A., College of St Scholastica, Duluth, MN; M.S., Ph.D., University of Wisconsin-Madison.

DAVID GEE (1999), Lecturer of Marketing, B.B.A., University of Wisconsin-Whitewater; M.B.A., Marquette University, Milwaukee, WI.

ZOHREH GHAVAMSHAHIDI (1987), Professor of Political Science, B.A., University of Damavand, Tehran, Iran; M.A., Ph.D., University of Oklahoma, Norman, OK.

JAYATI GHOSH (1995), Lecturer of Geography & Geology, B.Sc., M.Sc., University of Calcutta, India; M.A., Wilfred Laurier University, Ontario, Canada; Ph.D., University of Waterloo, Ontario, Canada.

SIBDAS GHOSH (1994), Assistant Professor of Biological Sciences, B.Sc., University of Lancaster, United Kingdom; M.Sc., University of Reading, United Kingdom; Ph.D., University of Waterloo, Ontario, Canada.

KENNETH R. GLAUDELL (1997), Lecturer of Political Science, B.A., University of Illinois, Urbana-Champaign; M.A., Ph.D., University of Wisconsin-Madison.

STUART M. GLOSSER (1985), Associate Professor of Economics, B.A., University of Connecticut Storrs, CT; Ph.D., University of Texas-Austin.

GILBERT J. GLOYER (1994), Lecturer of Sociology, B.A., M.A., University of Wisconsin-Milwaukee.

YEZDI H. GODIWALLA (1977), Professor of Management, B.A., Ranchi University, India; M.B.A., Indian Institute of Management, Ahmedabad, India; Ph.D., Oklahoma State University.

DAVID GOLDBLUM (1998), Assistant Professor of Geography & Geology, B.A., University of California, Los Angeles; M.A., Ph.D., University of Colorado, Boulder.

TERESA GOLEMBIEWSKI (1998), Lab Manager of Biological Sciences, B.S., M.S., University of Wisconsin-Milwaukee.



DAVID E. GOODLETT (1992), Lecturer of History, B.A., M.A., Miami University of Ohio, Oxford, OH; Ph.D., University of Illinois-Chicago.

IZA GOROFF (1977), Associate Professor of Management, A.B., M.S., University of Chicago; Ph.D., University of Pennsylvania.

JERRY J. GOSEN (1980), Professor of Management, B.S., University of Illinois Urbana, IL; Ph.D., Case Western Reserve University, Cleveland, OH.

ANNE E. GRAVEL (1996), Assistant Professor of Communication, B.A., Beloit College, Beloit, WI; M.A., Northern Illinois University, DeKalb, IL; Ph.D., Pennsylvania State University, University Park, PA.

CHARLES S. GREEN (1976), Professor of Sociology, B.S., University of Virginia, Charlottesville, VA; M.S., Ph.D., Cornell University, Ithaca, NY.

GREGORY N. GREEN (1989), Lecturer of Safety Studies, B.S., San Jose State University, San Jose, CA; M.S., University of Wisconsin-Whitewater.

MAUREEN L. GRIFFIN (1990), Assistant Professor of Special Education, M.S.E., University of Wisconsin-Whitewater; Ph.D., University of Wisconsin-Madison.

E. HOWARD GRIGSBY (1984), Professor of Sociology, B.S., Tennessee State University, Nashville; M.A., Fisk University, Nashville, TN; Ph.D., Washington State University, Pullman, WA.

CHARLES A. GROVER (1974), Associate Professor of Theatre, B.A., B.S., Moorhead State College, Moorhead, MN; M.A., California State University-Sacramento; Ph.D., University Of California-Davis.

ROBERT A. GRUBER (1983), Professor of Accounting, B.S., M.B.A., University of Wisconsin-Eau Claire, M.S., Ph.D., University of Wisconsin-Madison; CPA., CMA.

ANTHONY GULIG (1999), Assistant Professor of History, B.A., M.A., University of Wisconsin-Eau Claire; Ph.D., University of Saskatchewan, Saskatoon, Canada.

ATHULA GUNAWARDENA (1998), Assistant Professor of Mathematical and Computer Sciences, B.S., University of Peradeniya, Sri Lanka; M.S. (Math), M.S., (Computer Science), Ph.D., University of Wyoming, Laramie.

JIAN GUO (1993), Associate Professor of Languages and Literatures, B.A., Beijing Normal University, China; M.A., and Ph.D., University of Connecticut, Storrs, CT.

LYAL V. GUSTAFSON (1986), Associate Professor of Accounting, B.S., University of Nebraska-Lincoln; M.B.A., M.P.A., Ph.D., Georgia State University, Atlanta, GA.

NOMSA GWALLA-OGISI (1988), Associate Professor of Special Education, B.A., University of Zululand, South Africa; Ms.Ed., Southern Illinois University, Edwardsville, IL; Ph.D., Southern Illinois University, Carbondale, IL.

ELIZABETH A. HACHTEN (1993), Associate Professor of History, A.B., Bryn Maur College, Bryn Maur, PA; M.A., and Ph.D., University of Wisconsin-Madison.

JOHN M. HAJEWSKI (1991), Lecturer & Head Strength Coach of Health, Physical Education, Recreation and Coaching and Intercollegiate Athletics, B.S., University of Wisconsin-River Falls.

DEBORAH D. HALL (1992), Lecturer of Special Education, B.S., University of Connecticut-Storrs; M.S.E., University of Wisconsin-Whitewater.

ANNE HAMILTON (1999), Assistant Professor of Political Science, B.A., Smith College, Northampton, MA; M.A., Columbia University, New York, NY; Ph.D., University of Wisconsin-Madison.

BAOCHENG HAN (1995), Assistant Professor of Chemistry, B.Sc., Jilan University, China; Ph.D., University of Houston, TX.

P. DANIEL HANCOCK (1980), Lecturer of Management, B.S., University of Wisconsin-Madison; M.B.A., University of Wisconsin-Milwaukee.

RICHARD C. HANEY (1966), Professor of History, B.Ed., University of Wisconsin-Whitewater; M.S., Ph.D., University of Wisconsin-Madison.

FRANK E. HANSON (1983), Professor of Music, B.S., University of Akron, OH; M.M., Ph.D., Ohio State University, Columbus, OH.

KATHLEEN A. HAPPEL (1995), Lecturer of Health, Physical Education, Recreation and Coaching, B.S., Manhattan College, NY; M.S., University of Wisconsin-LaCrosse.

ANTHONY HARKINS (1999), Lecturer of History, B.A., Williams College, Williamstown, MA; M.A., University of Wisconsin-Madison.

BENNETTE R. HARRIS (1982), Associate Professor of Mathematical and Computer Sciences, B.S., Virginia Polytechnic Institute and State University, Blacksburg, VA; M.A., University of Wisconsin-Madison; Ed.D., Oklahoma State University, Stillwater, OK.

LAWRENCE V. HARRISON (1966), Professor of Art, B.F.A., University of Manitoba, Winipeg, Manitoba; M.F.A., Texas Christian University, Fort Worth, TX.

STEPHEN HAVLOVIC (1999), Associate Professor of Management, B.A., M.L.H.R., Ph.D., Ohio State University, Columbus.

GLENN C. HAYES (1987), Associate Professor of Music, B.M.E., Central Michigan University, Mt. Pleasant, MI; N.M., Ph.D., Northwestern University, Evanston, IL.

CRAIG G. HEATWOLE (1994), Lecturer of Political Science, B.S., University of Wisconsin-Oshkosh; M.A., Ph.D., University of Kansas-Lawrence.

JOHN HEBL (1998), Lecturer of Safety Studies, B.S., University of Wisconsin-Stout; M.S., University of Wisconsin-Oshkosh.

ROBERT D. HEIDORN (1968), Associate Professor of Political Science, B.A., Lawrence University, Appleton, WI; M.A., Ph.D., University of Illinois-Urbana.

DEBRA A. HEISS (1995), Assistant Professor of Special Education, B.S., Ph.D., University of Wisconsin-Madison; M.S.E., University of Wisconsin-Whitewater.

ANN HENDRICKS (1999), Assistant Professor of Accounting, B.A., St. Olaf College, Northfield, MN; B.S., M.B.A., University of Wisconsin-LaCrosse; Ph.D., University of Nebraska, Lincoln.

MELLANIE L. HERBERT (1977), Professor of Business Education and Office Systems, B.Ed., University of Wisconsin-Whitewater; M.S., Ph.D., University of Wisconsin-Madison.

HUGH HERNESMAN (1999), Lecturer of Health, Physical Education, Recreation and Coaching and Assistant Coach of Women's Athletics, B.S., M.S., University of Wisconsin-Whitewater.

KATHARINA HEYNING (1999), Assistant Professor of Curriculum and Instruction, B.S., Central Michigan University, Mt. Pleasant; M.Ed., National Louis University, Evanston, IL; Ph.D., University of Wisconsin-Madison.

FRANCES J. HILL (1975), Professor of Finance and Business Law, B.A., University of Manitoba; M.B.A., University of Wisconsin-Whitewater; J.D., University of Wisconsin-Madison.

KIMBERLY HILL (1999), Assistant Professor of Physics, B.S., University of Michigan, Ann Arbor; M.S., Ph.D., University of Minnesota, Minneapolis.

EMILY A. HIPCHEN (1996), Assistant Professor of Languages and Literatures, B.A., Furman University, Greenville, SC; M.A., Ph.D., University of Georgia-Athens.

THOMAS K. HIXSON (1996), Lecturer of Communication, B.A., M.A., University of Tennessee-Chattanooga.

JOANN F. HOBBS (1975), Senior Lecturer of Music, B.M., Oberlin Conservatory of Music, Oberlin, OH; M.M., Wichita State University, Wichita, KS.

PETER B. HOFF (1987), Assistant Professor of Languages and Literatures, B.A., University of Wisconsin-Madison; M.A., Ph.D., University of Michigan, Ann Arbor, MI.

JOSEPH D. HOGAN (1984), Associate Professor of Languages and Literatures, B.A., M.A., University of New Mexico, Albuquerque, NM; Ph.D., University of Colorado, Boulder, CO.

REBECCA S. HOGAN (1984), Professor of Languages and Literatures, B.A., University of New Mexico, Albuquerque, NM; M.A., Ph.D., University of Colorado, Boulder, CO.

JENNIFER HOLMES (1999), Lecturer of Communication, B.A., State University of New York, Purchase; M.A., Ph.D., Western Illinois University, MaComb.

ROBERT L. HORTON (1982), Professor of Mathematical and Computer Sciences, B.S., M.S., Georgia Institute of Technology, Atlanta, GA; Ph.D., University of Wisconsin-Madison.

MARY MARGARET HOSLER (1967), Professor of Business Education and Office Systems, B.Ed., University of Wisconsin-Whitewater; M.S., Ph.D., University of Wisconsin-Madison.

JOHN D. HOWAT (1976), Associate Professor of Finance and Business Law, B.S., M.S., Ph.D., University of Illinois-Urbana-Champaign.

I-NING HUANG (1968), Professor of Psychology, B.S., National Taiwan University; M.A., New Mexico State University; Ph.D., University of Texas-Austin.

MEG HUNTER (1998), Lecturer of Communication, B.A., American University, Washington, D.C., M.S., South Dakota State University, Brookings.

LINDA M. HURSTAD (1991), Associate Professor of Music, B.M.E., University of Nebraska-Lincoln; M.M./M.M.E., Southern Methodist University-Dallas; D.M.A., University of Texas-Austin.

SUSAN A. HUSS-LEDERMAN (1995), Assistant Professor of Languages and Literatures, B.A., Duquesne University, Pittsburgh, PA; M.A., Teachers College-Columbia University, NY; Ph.D., Georgetown University, Washington D.C.

JACQUELYN JACKSON (1988), Lecturer of Social Work, B.A., Boston College, MA; M.S.S.W., University of Wisconsin-Madison.

PETER M. JACOBS (1997), Assistant Professor of Geography & Geology, B.S., Purdue University; M.S., Ph.D., University of Wisconsin-Madison.

JAMES A. JAFFE (1986) Professor of History, B.A., Antioch College; M.A., M.Phil., Ph.D., Columbia University, New York, NY.

MARCIA L. JAMES (1986), Professor of Business Education and Office Systems, B.S., Ferris State College, Big Rapids, MI; M.A., Western Michigan University, Kalamazoo, WI; Ed.D., Northern Illinois University, DeKalb, IL.

RICHARD F. JAMES (1986), Professor of Business Education and Office Systems, B.S.E., M.S.E., Emporia Kansas State College; Ed.D., Northern Illinois University.

THOMAS JEFFREY (1999), Lecturer of Geography & Geology, B.S., University of Wisconsin-Whitewater; M.A., Western Illinois University, MaComb.

CHRISTINE JOHANSEN (1993), Lecturer of Music, B.M., M.A., University of Iowa, Iowa City.

HARRY A. JOHANSEN (1989), Associate Professor of Music, B.M.E., University of Wisconsin-Superior; M.M., Indiana University, Bloomington, IN; D.M.A., University of Iowa-Iowa City.

PHILIP T. JOHNS (1976), Associate Professor of Chemistry, B.A., Gustavus Adolphus College; Ph.D., University of North Dakota.

ELAINE D. JOHNSON (1990), Associate Professor of Languages and Literatures, B.A., M.A., University of Texas-Austin; M.A., University of Southern Illinois; Ph.D., University of Wisconsin-Madison.

JUDITH A. JOHNSON (1999), Lecturer of Curriculum and Instruction, B.S., Marycrest International University, Davenport, IA; M.S., Illinois State University, Normal.

M. WILLIAM JOHNSON (1990), Lecturer of Communication, B.A., University of Minnesota; M.S., Brooklyn College CUNY, Brooklyn, NY.

SUSAN M. JOHNSON (1998), Lecturer of Political Science, B.A., De Paul University, Chicago, IL; M.A., Northern Illinois University, DeKalb.

DIANNE C. JONES (1975), Professor of Health, Physical Education, Recreation, and Coaching, B.S., Eastern Kentucky University; M.S., Western Illinois University; Ed.D., West Virginia University.

JONATHAN M. KANE (1980), Associate Professor of Mathematical and Computer Sciences, B.A., University of Minnesota-Duluth; M.A., M.S., Ph.D., University of Wisconsin-Madison.

STEVEN B. KARGES (1967), Associate Professor of History, B.S., University of Wisconsin-Oshkosh; M.S., Ph.D., University of Wisconsin-Madison.

EDWARD A. KAPP (1997), Lecturer of Safety Studies, B.S., Vanderbilt University; M.S., University of Southern California, Los Angeles.

RUSSELL KASHIAN (1999), Lecturer of Economics, B.A., University of Wisconsin-Madison; M.S., Cleveland State University, Cleveland, OH; M.A., University of Wisconsin-Milwaukee.

WILLIAM KEELTY (1966), Assistant Professor of Languages and Literatures, B.A., City College of New York; M.A., New York University.

MONICA KELSEY-BROWN (1999), Associate Lecturer of Developmental Education, B.A., M.S., University of Wisconsin-Whitewater.

SUSAN L. KIDD (1984), Lecturer of Curriculum and Instruction, B.A., Monmouth College, IL; M.S., Loyola University, Chicago, IL.

ELIZABETH S. KIM (1997), Assistant Professor of Languages and Literatures, B.A., Northwestern University, Evanston, IL; M.A., University of Chicago, IL; Ph.D., University of Michigan, Ann Arbor.

KIRK Y. KIM (1969), Professor of Economics, B.A., King College; Ph.D., University of Utah.

CONSTANCE C. KIRK (1989), Associate Professor of Health, Physical Education, Recreation and Coaching, B.S., Colorado State University; M.S., University of Colorado-Boulder; Ed.D., University of Northern Colorado-Greeley.

KAREN K. KIRST-ASHMAN (1980), Professor of Social Work, B.A., M.S.S.W., University of Wisconsin-Madison; Ph.D., University of Illinois, Champaign/Urbana.

ARNO K. KLEIMENHAGEN (1968), Professor of Marketing, B.B.A., M.B.A., Ph.D., University of Wisconsin-Madison.

EDWIN M. KLEIN (1976), Associate Professor of Mathematical and Computer Sciences, B.A., M.S., Ph.D., Northwestern University; M.S., University of Wisconsin-Madison.

HADLEY G. KLUG (1970), Professor of Sociology, B.S., M.S., Ph.D., South Dakota State University.

ANN P. KNABE (1997), Lecturer of Communication, B.A., Marquette University, Milwaukee, WI; M.A., University of Wisconsin-Milwaukee.

JUDITH L. KNAPP (1988), Lecturer of Mathematical and Computer Sciences, B.A., Concordia College, Moorhead, MN; M.A., University of Kansas, Lawrence, KA.

ROBERT C. KNAPP (1986), Associate Professor of Mathematical and Computer Sciences, B.S., State University College at Oswego; M.A., University of Kansas; Ed.D., Oklahoma State University.

BETTY L. KOBBS (1983), Lecturer of Communications, B.A., Capital University, Columbus, OH; M.A., University of Wisconsin-Milwaukee.

MARC B. KOTZ (1996), Assistant Professor of Theatre and Dance, B.A., Empire State College, Suny, NY; M.F.A., University of Iowa-Iowa City.

JOHN F. KOZLOWICZ (1968), Professor of Political Science, B.S., Loyola University; M.A., Northern Illinois University; Ph.D., University of Arizona.

ELIZABETH S. KRAEMER (1998), Lecturer of Psychology, B.S., M.S., Ph.D., University of Wisconsin-Madison.

KELLY A. KRUMSICK (1991), Lecturer of Health, Physical Education, Recreation and Coaching, B.S.E. Pittsburg State University, Pittsburg, KS; M.S., Eastern Kentucky University-Richmond.

KATHLEEN H. KSOBIECH (1990), Lecturer of Communication, B.A., Alverno College; M.A., Marquette University, Milwaukee.

ANIL KUMAR (1998), Assistant Professor of Management, B.S., Punjab University, Chandigarh, India; M.B.A., New Hampshire College, Manchester; Ph.D., University of Memphis, TN.

POONAM KUMAR (1999), Assistant Professor of Special Education, B.Sc., M.A., Maharshi Dayanand University, India; Ed.D., University of Memphis, TN.

HEPHZIBAH J. KUMPATY (1996), Assistant Professor of Chemistry, B.S., M.S., Kakatiya University, Warangal, India; Ph.D., University of Mississippi.

MICHAEL J. LAIRD (1983), Associate Professor of Finance and Business Law, B.B.A., J.D., Loyola University, New Orleans, LA.

KRISTEN LAMPE (1999), Assistant Professor of Mathematical and Computer Sciences, B.S., University of Dayton, Dayton, OH; M.A., Ph.D., Washington University, St. Louis, MO.

PETER LAMPE (1999), Assistant Professor of Mathematical and Computer Sciences, B.S., Santa Clara University, Santa Clara, CA; M.A., Ph.D., Washington University, St. Louis, MO.

LLOYD L. LA ROQUE (1997), Lecturer of Educational Foundations, B.A., Carroll College, Waukesha, WI; M.A., Syracuse University, NY; M.S., University of Wisconsin-Milwaukee.

JAMES D. LARSON (1990), Professor of Psychology, B.A., College of William and Mary, Williamsburg; M.S., University of Wisconsin-Milwaukee; Ph.D., Marquette University, Milwaukee, WI.

JEROME K. LAURENT (1965), Professor of Economics, A.B., University of Wisconsin-Eau Claire; A.M., Ph.D., Indiana University.

MARILYN A. LAVIN (1989), Associate Professor of Marketing, B.A., College of New Rochelle-New York; M.A., Ph.D., Columbia University, New York; M.B.A., Ph.D., University of Wisconsin-Madison.

JAMES M. LEAVER (1964), Associate Professor of Languages and Literatures, A.B., Marquette University, Milwaukee, WI; M.A., University of Arizona; Ph.D., University of Wisconsin-Madison.

REGIS M. LECOANET (1981), Assistant Professor of Languages and Literatures, D.U.E.L., University de Nancy II, France; M.Ph., Ph.D., City University of New York.

KEVIN J. LEE (1998), Lecturer of Biological Sciences, B.S., State University of New York, Albany, NY; M.S., Ph.D., Albany Medical College, NY.

ROBERT L. LEITHEISER (1991), Associate Professor of Management, B.S., University of Wisconsin-Milwaukee; M.B.A., Ph.D., University of Minnesota-Twin Cities, Minneapolis, MN.

MARK W. LENCHO (1991), Associate Professor of Languages and Literatures, B.A., M.A., Central State University, Edmond, OK; Ph.D., University of Wisconsin-Madison.

KARL LEONARD (1999), Lecturer of Geography & Geology, B.S., Eastern Washington University, Cheney; M.S., Kansas State University, Manhattan.

ROBERT J. LEPKOWSKI (1998), Lecturer of Safety Studies, B.S., University of Wisconsin-Milwaukee; M.S., University of Wisconsin-Whitewater.

JULIE A. LETELLIER (1990), Associate Professor of Mathematical and Computer Sciences, B.S., University of Wisconsin-LaCrosse; M.S., Ph.D., University of Wisconsin-Milwaukee.

ELENA L. LEVY-NAVARRO (1996), Assistant Professor of Languages and Literatures, B.A., Mount Holyoke College, MA; M.A., Ph.D., Yale University, New Haven, CT.

JANET M. LEY (1982), Lecturer of Mathematical and Computer Sciences, B.S.E., M.E.P.D., University of Wisconsin-Whitewater.

VINCENT LIA (1997), Lecturer of Curriculum and Instruction, B.S., M.A., University of Wisconsin-Madison.

RHINEHART J. LINTONEN (1999), Lecturer of Sociology, B.S., Northern Michigan University, Marquette; M.S.T., University of Wisconsin-Whitewater.

PAMELA A. LIPKA (1990), Lecturer of Developmental Mathematics, B.S., North Central College-Naperville, IL; M.S., University of Wisconsin-Eau Claire.

KAREN LISSER (1999), Lecturer of Social Work, B.S., M.A., University of Wisconsin-Milwaukee; M.S.S.W., University of Wisconsin-Madison.

STEVEN J. LISZEWSKI (1999), Lecturer of Management, B.A., M.A., Marquette University, Milwaukee, WI.

XIA LI LOLLAR (1998), Assistant Professor of Political Science, B.S., Hebei Institute of Technology, China; M.A. Iowa State University, Ames; Ph.D., University of Alabama, Tuscaloosa.

RICHARD C. LOMBARD (1983), Professor of Special Education, B.S., M.S.E., University of Wisconsin-Eau Claire; Ph.D., University of Wisconsin-Madison.

MICHAEL J. LONGRIE (1989), Assistant Professor of Languages and Literatures, B.S. University of Wisconsin-Superior; M.A., University of Minnesota-Duluth; Ph.D., University of Wisconsin-Madison.

DEVONEY K. LOOSER (1998), Assistant Professor of Women's Studies and Anthropology, B.A., Augsburg College, Minneapolis, MN; Ph.D., State University of New York, Stony Brook.

WILLIAM LOWELL (1985), Lecturer of Communication, B.A., M.S., University of Wisconsin-Whitewater.

BETH L. LUECK (1991), Associate Professor of Languages and Literatures, A.B., Vassar College, Poughkeepsie, NY; M.A., Ph.D., University of North Carolina-Chapel Hill.

JOHN R. LUECKE (1988), Lecturer of Communication, B.A., M.A., University of Wisconsin-Milwaukee.

GEORGIANA LUECKER (1999), Lecturer of Management, B.F.A., Ohio University, Athens; M.A.T., M.M., Northwestern University, Evanston, IL; Ed.D., Vanderbilt University, Nashville, TN.

ANN E. LUTHER (1990), Lecturer of Philosophy and Religious Studies, B.A., M.A., Ph.D., University of Wisconsin-Madison.

FRANK R. LUTHER (1975), Associate Professor of Geography and Geology, B.A., M.A., State University of New York, Buffalo; Ph.D., Lehigh University.

JUDSON M. LYON (1990), Associate Professor of Curriculum and Instruction, B.A., Wesleyan University Middletown, CT; M.A., University of Oregon, Eugene, OR; Ph.D., University of Connecticut, Storrs, CT.

MICHAEL J. MACDONALD (1980), Lecturer of Accounting, B.S., M.B.A., M.S., University of Wisconsin-Whitewater; CPA-Wisconsin.

KENNETH M. MACUR (1987), Professor of Accounting, B.S., M.B.A., Ph.D., University of Illinois/Urbana-Champaign.

MANOHAR S. MADAN (1989), Professor of Management, B.E., Maharaja Savajiroo University, Burocta, India; M.S., University of Detroit, Michigan; Ph.D., University of Tennessee, Knoxville.

PHILLIP A. MAKURAT (1968), Professor of Curriculum & Instruction, B.S., University of Wisconsin-Oshkosh; M.S., University of Wisconsin-Madison; M.S., Notre Dame; Ph.D., Walden University, Southbend, IN.

FARHAD MALEKAFZALI (1997), Lecturer of Political Science, B.A., M.A., M.P.A., University of Toledo, OH; Ph.D., University of Wisconsin-Madison.

NIKKI D. MANDELL (1996), Assistant Professor of History, B.A., University of the Pacific, Stockton, CA; M.A., Ph.D., University of California-Davis.

L. DENTON MARKS (1990), Professor of Economics, B.A., Yale College, New Haven, CT; M.P.A., M.A., Ph.D., Princeton University, Princeton, NJ.

ANDREA L. MASER (1998), Lecturer of Communicative Disorders, B.S., University of Maryland, College Park; M.S., University of Wisconsin-Madison.

SUCHITRA MATHUR (1997), Assistant Professor of Languages and Literatures, B.A., M.A., Delhi University, India; Ph.D., Wayne State University, Detroit, MI.

JEAN A. MAUSEHUND (1992), Associate Professor of Business Education & Office Systems, B.S.E., M.S., Southwest Missouri State University-Springfield; Ed.D., Northern Illinois University, DeKalb.

KRISTI MCAULIFFE (1999), Lecturer of Languages and Literatures, B.A., Illinois Wesleyan University, Bloomington, IL; M.A., Illinois State University, Normal.

T. MARGUERITE MCCLAIN (1998), Assistant Professor of Educational Foundations, B.A., Antioch College, Yellow Spring, OH; M.A., University of California-Los Angeles; Ph.D., University of Illinois-Chicago.

THOMAS L. MCFARLAND (1966), Assistant Professor of Mathematical and Computer Sciences, B.S., M.S., University of Wisconsin-Madison.

DANIEL MCGUIRE (1998), Lecturer of Art, B.A., University of Wisconsin-Whitewater; M.F.A., Southern Illinois University, Carbondale, IL.

JEFFREY S. MCKINNON (1997), Assistant Professor of Biological Sciences, B.Sc., University of British Columbia, Vancouver, Canada; M.Sc., University of Guelph, Ontario, Canada; Ph.D., Harvard University, Cambridge, MA.



CARLENE J. MCMONAGLE (1980), Senior Lecturer of Music, B.S., University of Wisconsin-Milwaukee; M.M., Indiana University, Bloomington.

SETH J. MEISEL (1996), Assistant Professor of History, B.A., Grinnell College, IA; M.A., Ph.D., Stanford University, CA.

ROBIN MELLO (1999), Assistant Professor of Educational Foundations, B.F.A., State University of New York-Purchase; M.S., State University of New York-Albany; Ph.D., Lesley College, Cambridge, MA.

KENNETH L. MENNINGEN (1995), Assistant Professor of Physics, B.S., University of Wisconsin-Stevens Point; Ph.D., University of Wisconsin-Madison.

ROBERT J. MERTENS (1984), Professor of Art, B.F.A., University of Wisconsin-Milwaukee; M.F.A., University of Illinois, Champaign/Urbana.

KARL H. MERZ (1966), Associate Professor of Languages and Literatures, B.A., M.A., Ph.D., University of Oklahoma, Norman.

PETER MESNER (1999), Assistant Professor of Biological Sciences, B.S., M.S., University of Wisconsin-Oshkosh; Ph.D., University of Iowa, Iowa City.

SUSAN C. MESSER (1988), Professor of Art, B.S., University of Wisconsin-Madison; M.F.A., Arizona State University, Tempe, AZ.

SUSAN MICHAUD (1999), Assistant Professor of Social Work, B.S., Western Michigan University, Kalamazoo; M.S.W., University of Michigan, Ann Arbor; Ph.D., Case Western Reserve University, Cleveland, OH.

JAMES S. MILLER (1998), Assistant Professor of Languages and Literatures, B.A., Pomona College, Claremont, CA; M.A., Ph.D., University of Wisconsin-Madison.

PATRICK J. MILLER (1993), Lecturer of Health, Physical Education, Recreation and Coaching, B.A., University of Wisconsin-Whitewater; M.A., Concordia University, River Forest, IL.

RAE S. MILLER (1985), Lecturer of Communication, B.S., University of Illinois, Champaign; M.S., Syracuse University, NY.

VIRGIL MILLER (1999), Lecturer of Communication, B.A., Wichita State University, Wichita, KS; M.A., Northern Illinois University, DeKalb.

JAMES B. MILLER III (1969), Assistant Professor of Health, Physical Education, Recreation and Coaching, B.E., University of Wisconsin-Whitewater; M.S., Winona State College, MN.

GIULIANA MIOLO (1995), Assistant Professor of Communicative Disorders, B.Sp.Thy., University of Queensland, Australia; M.S., Ph.D., University of Wisconsin-Madison.

BARBARA E. MISCHIO (1985), Lecturer of Curriculum & Instruction, B.A., Kean College, Union, NJ; M.S., University of Wisconsin-Whitewater.

GEORGE S. MISCHIO (1972), Professor of Special Education, B.A., Newark State College, Union, NJ; M.S., University of Illinois, Urbana; Ed.D., Yeshiva University, New York, NY.

PAULA R. MOHAN (1992), Lecturer of Political Science, B.S., University of Wisconsin-LaCrosse; M.A., University of Wisconsin-Madison.

HAMID MOINI (1985), Professor of Finance and Business Law, B.A., Rasht Business College, Rasht, Iran; M.B.A., Emporia State University, KS; M.A., Ph.D., University of Alabama, University, AL.

JAMES L. MOLLOY (1984), Associate Professor of Finance and Business Law, B.B.A., B.S., J.D., University of Wisconsin-Madison.

BARBARA S. MONFILS (1992), Associate Professor of Communication, B.A., University of Wisconsin-Oshkosh; M.A., Ph.D., Indiana University-Bloomington.

GENEVA C. MOORE (1989), Associate Professor of Languages and Literatures, B.A., University of Illinois at Chicago Circle; M.A., University of Illinois-Urbana; D.A., University of Michigan, Ann Arbor.

CAROLYN L. MORGAN (1996), Assistant Professor of Psychology, B.M.E., University of Central Arkansas-Conway; M.S., Ph.D., University of Salt Lake City, UT.

DAVID L. MUNRO (1989), Associate Professor of Management, B.S., M.B.A., Ph.D., University of Wisconsin-Milwaukee.

ANDREA S. MUSER (1985), Associate Professor of Languages and Literatures, B.A., Cornell University, Ithaca, NY; M.A., Ph.D., University of Wisconsin-Madison.

WILLIAM L. MYERS (1968), Professor of Health, Physical Education, Recreation and Coaching, B.S., M.S., Eastern Illinois University; Ph.D., University of Wisconsin-Madison.

GURRAMKONDA M. NAIDU (1969), Professor of Marketing, B.A., S.V., University, Andra, India; M.S., Indian Statistical Institute, Calcutta, India; Ph.D., Michigan State University, Lansing.

KI-BONG NAM (1999) Lecturer of Biological Sciences, B.S., William Penn College, Oskaloosa, IA; M.S., University of Iowa, Iowa City; Ph.D., Michigan State University, East Lansing.

LANNY A. NEIDER (1968), Professor of Sociology, B.S., University of Wisconsin-Stevens Point; Ph.D., South Dakota State University.

MICHAEL A. NELSON (1993), Assistant Professor of Curriculum and Instruction, A.B., William Jewell College, Liberty, MO; M.S., Emporia State University, KS; Ph.D., University of Kansas-Lawrence.

W. LAWRENCE NEUMAN (1983), Professor of Sociology, A.B., Indiana University, Bloomington; M.S., Ph.D., University of Wisconsin-Madison.

PAULA K. NEVILLE (1994), Lecturer of Special Education, B.S., M.A.T., Rockford College, IL.

SHARON R. NEWMAN (1993), Lecturer of Marketing, B.S., University of Wisconsin-Madison; M.B.A., University of Wisconsin-Whitewater.

DARRELL M. NEWTON (1991), Lecturer of Communication, B.A., M.A., University of Wisconsin-Milwaukee.

KAREN R. NORGARD (1997), Assistant Professor of Art, B.F.A., University of North Carolina, Greensboro, NC; M.F.A., University of Cincinnati, OH.

DONALD NORMAN (1998), Assistant Professor of Counselor Education, B.A., Furman University, Greenville, SC; M.A.E., University of Alabama, Birmingham; Ph.D., University of Mississippi, Oxford.

ANDREA C. NYE (1978), Professor of Philosophy and Religious Studies, B.A., Radcliffe College; Ph.D., University of Oregon, Eugene.

BRENDA R. O'BEIRNE (1979), Assistant Professor of Counselor Education, B.A., M.A., University of Northern Iowa, Cedar Falls; Ph.D., University of Wisconsin-Madison.

ANDREA M. O'BRIEN (1988), Associate Professor of Curriculum & Instruction, B.A., University of Wisconsin-Parkside; M.S., Ph.D., University of Wisconsin-Madison.

THERESA OCHOA (1999), Assistant Professor of Special Education, B.S., M.S.E., Ph.D., University of California-Santa Barbara.

ANENEOSA A. OKOCHA (1988), Professor of Counselor Education, B.S., University of Nigeria, Nsukka, Nigeria; M.L.S., University of South Carolina, Columbia, SC; M.S., Ph.D., University of Wisconsin-Madison.

STAR S. OLDERMAN (1994), Associate Professor of Women's Studies and Anthropology, B.A., University of Connecticut; M.A., and Ph.D., Indiana University-Bloomington.

CHARLES M. OLSON (1977), Professor of Art, B.F.A., Mankato State College; M.F.A. University of Colorado.

HOWARD G. OLSON (1977), Professor of Finance and Business Law, B.B.A., M.B.A., Ph.D., University of Wisconsin-Madison.

GADO A. ONGWELA (1988), Lecturer of Mathematical and Computer Sciences, B.A., Spicer Memorial College, Poona, India; M.A., Ed.D., Andrews University, Berrien Springs, MI.

JO ANN ORAVEC (1997), Assistant Professor of Business Education/Office Systems, B.A., University of Wisconsin-Green Bay; M.S., M.A., M.B.A., Ph.D., University of Wisconsin-Madison.

DIANE E. ORMSBY (1994), Associate Professor of Special Education, B.A., Kean College of New Jersey; M.S.Ed., Illinois State University-Normal; Ed.D., Northern Illinois University-DeKalb.

MANUEL A. OSSERS (1991), Professor of Languages and Literatures, B.A., Salem State College, Salem, MA; M.A., Ph.D., State University of New York-Albany.

TERRY H. OSTERMEIER (1967), Professor of Communication, B.S., University of Wisconsin-Oshkosh; M.A., Marquette University, Milwaukee, WI; Ph.D., Michigan State University.

SUSAN J. PARKS (1980), Professor of Economics, B.A., M.A., Ph.D., Purdue University, West Lafayette, IN.

JOHN G. PATTERSON (1975), Professor of Geography and Geology, A.B., De Paul University, Chicago, IL; M.A., University of Maryland, College Park; Ph.D., University of Florida, Gainesville.

CYNTHIA PATTISON (1998), Lecturer of Curriculum and Instruction, B.S.E., Southwest Texas State University, San Marcos; M.E.P.D., University of Wisconsin-Whitewater.

JAMES W. PELTIER (1990), Professor of Marketing, B.B.A., M.B.A., Ph.D., University of Wisconsin-Madison.

BARBARA PENNINGTON (1993), Lecturer of Communication, B.A., Carthage College, Kenosha, WI; M.S., University of Wisconsin-Whitewater.

FAUSTINE L. PERHAM (1993), Associate Professor of Mathematical and Computer Sciences, B.A., Alverno College-Milwaukee; M.S., Marquette University, Milwaukee, WI; Ph.D., Northwestern University, Evanston, IL.

LISA PETRO (1998), Lecturer of Chemistry, B.S., Illinois State University, Normal; Ph.D., University of Wisconsin-Milwaukee.

ROBIN E. PETTERSEN (1985), Lecturer of Theatre, B.Ph., Thomas Jefferson College, Grand Valley State, Allendale, MI; M.S., M.F.A., University of Wisconsin-Madison.

DIUDONNE D. PHANORD (1990), Professor of Mathematical and Computer Sciences, B.A., Gordon College, Wenham, MA; M.S., Ph.D., University of Illinois at Chicago.

RICHARD D. PIERSON (1989), Lecturer of Developmental Mathematics, B.S., University of Wisconsin-Whitewater; M.A., Purdue University, West Lafayette, IN.

PAULA B. POORMAN (1996), Assistant Professor of Psychology, B.A., Southern Illinois University, Carbondale; M.A., Mankato State University, Mankato, MN; Ph.D., Colorado State University, Fort Collins.

DAVID C. PORTER (1996), Professor of Finance and Business Law, B.Mus., M.B.A., Ph.D., University of Western Ontario, Canada.

PENELOPE PORTMAN (1998), Associate Professor of Health, Physical Education, Recreation and Coaching, B.A., University of the Pacific, Stockton, CA; M.S., University of South Carolina, Columbia; Ed.D., University of Massachusetts, Amherst.

WILLIAM E. POWELL (1991), Associate Professor of Social Work, B.S., Ball State University, Muncie, IN; M.S.S.W., Ph.D., University of Wisconsin-Milwaukee.

SAMEER PRASAD (1996), Professor of Management, B.S., University of New Brunswick, Fredicton; M.B.A., Ph.D., Kent State University, Kent, OH.

MARCIA A. PULICH (1978), Professor of Management, B.S., Texas Woman's University, Denton; M.S., Ph.D., North Texas State University-Denton.

JANE PURSE-WIEDENHOEFT (1999), Lecturer of Theater/Dance, B.A., Gustavus Adolphus College, St. Peter, MN; M.F.A., Purdue University, West Lafayette, IN.

DONALD C. RAMBADT (1989), Lecturer of Geography and Geology, B.A., M.A., University of Wisconsin-Milwaukee; Ph.D., Marquette University, Milwaukee, WI.

CHILUKURI V. RAO (1983), Associate Professor of Mathematics and Computer Science, B.Sc. (Hons), Andhra University, India; Ph.D., Bombay University, India.

LESLIE REED (1997), Lecturer of Safety Studies, B.S., University of Wisconsin-Whitewater; M.S., Northern Illinois University, DeKalb.

DAVID A. REMMELE (1981), Associate Professor of Accounting, M.S., Ph.D., University of Wisconsin-Madison.

TIM REUTEBUCH (1999), Assistant Professor of Social Work, B.S., Purdue University, West Lafayette, IN; M.S.W., Indiana University, Indianapolis; Ph.D., Ohio State University, Columbus.

BENJAMIN D. RHODES (1965), Professor of History, B.A., M.A., Ph.D., University of Colorado-Boulder.

ANN RIALI (1991), Associate Professor of Special Education, B.A., M.A., University of Alabama, University, AL; Ph.D., Peabody College of Vanderbilt University, Nashville, TN.

DALE E. RITTERBUSCH (1985) Associate Professor of Languages and Literatures, B.A., M.A., University of Pennsylvania, Philadelphia; M.F.A., Bowling Green State University, OH.

PENELOPE RODRICK (1999), Lecturer of Biological Sciences, B.S., Purdue University, West Lafayette, IN; M.S., University of Wisconsin-Madison

HARRIET D. ROGERS (1983), Assistant Professor of Curriculum & Instruction, B.S., Florida State University, Tallahassee, FL; M.S., University of Tennessee, Knoxville, TN; Ph.D., East Tennessee State University, Johnson City, TN.

DIANE ROGERS-ADKINSON (1999), Associate Professor of Special Education, B.S., Ball State University, Muncie, IN; M.Ed., Ph.D., Kent State University, Kent, OH.

CAROL J. ROSEN (1988), Associate Professor of Geography and Geology, A.S., University of Wisconsin-Center/Waukesha; B.A., M.S., Ph.D., University of Wisconsin-Milwaukee.

KEVIN ROTTET (1997), Assistant Professor of Languages and Literatures, B.A., Central Michigan University, Mount Pleasant; M.A., University of Michigan, Ann Arbor; M.A., Ph.D., Indiana University, Bloomington.

JEFFREY RUFINUS (1998), Lecturer of Physics, B.S., Trisaki University, Jakarta, Indonesia; M.S., Ph.D., University of Wisconsin-Madison.

KRISTIN L. RUSSELL (1981), Lecturer of Health, Physical Education, Recreation and Coaching, B.S.E., University of Wisconsin-Stevens Point; M.A., Northern Arizona University, Flagstaff.

JOSH RYAN (1997), Lecturer of Music, B.A., B.M., Lawrence University/Conservatory of Music, Appleton, WI; M.M., Peabody Institute, Johns Hopkins University, Baltimore, MD.

JOYCE L. RYAN (1973), Senior Lecturer of Music, B.M., B.M.E., Cornell College, Mt. Vernon, IA; M.M., University of Illinois-Urbana.

PAUL M. RYBSKI (1987), Associate Professor of Physics, B.A., Cornell College, Mt. Vernon, IA; M.S., Ph.D., Northwestern University, Evanston, IL.

CLAYTON R. SAGER (1983), Associate Professor of Accounting, B.B.A., M.B.A., University of Wisconsin-Oshkosh; Ph.D., University of Iowa, Iowa City.

RICHARD G. SALEM, (1975), Professor of Sociology, B.S., M.A., Northeastern University, Boston, MA; Ph.D., Ohio State University.

KENNETH D. SALZWEDEL (1962), Professor of Psychology, B.S., University of Wisconsin-Madison; M.S., University of Kentucky; Ph.D., University of Wisconsin-Madison.

SOBITHA SAMARANAYAKE (1996), Assistant Professor of Mathematical and Computer Sciences, B.S., University of Colombo, Sri Lanka; M.S., Ph.D., Purdue University, West Lafayette, IN.

GEETHAMALI G. SAMARANAYAKE (1996), Assistant Professor of Mathematical and Computer Sciences, B.S., University of Colombo, Sri Lanka; M.S., Ph.D., Purdue University, West Lafayette, IN.

GEORGE F. SARGENT (1987), Associate Professor of Management, B.S., M.S., Ph.D., Michigan State University, East Lansing, MI.

DAVID C. SAROCKA (1996), Assistant Professor of Mathematical and Computer Sciences, B.S., University of Illinois at Urbana-Champaign; M.S., Rensselaer Polytechnic Institute, Troy, NY; Ph.D., Northwestern University, Evanston, IL

GEORGE E. SAVAGE (1984), Associate Professor of Languages and Literatures, B.A., Grove City College; M.A., New Mexico State University, Ph.D., University of Wisconsin-Madison.

NEIL SAWYER (1999), Assistant Professor of Biological Sciences, B.S., Colorado State University, Fort Collins; Ph.D., University of Connecticut, Storrs.

RICHARD L. SCHAUER (1966), Assistant Professor of Mathematical and Computer Sciences, B.S., M.S., University of Wisconsin-Madison.

NANCY A. SCHNEEBERGER (1988), Senior Lecturer of Accounting, B.B.A., M.S., University of Wisconsin-Whitewater.

DARREN SCHNEIDER (1999), Lecturer of Health, Physical Education, Recreation, and Coaching and Men's Track Coach of Intercollegiate Athletics, B.S., Truman State University, Kirksville, MO; M.S., US Sports Academy, Daphne, AL.

ROBERT M. SCHRAMM (1988), Professor of Business Education and Office Systems, B.A., Michigan State University, East Lansing, MI; M.S., Ed.D., Northern Illinois University, DeKalb, IL.

BRIAN SCHROEDER (1997), Lecturer of Health, Physical Education, Recreation, and Coaching and Athletic Trainer of Intercollegiate Athletics, B.S., Millikin University, Decatur, IL; M.S., Eastern Illinois University, Charleston.

EILEEN E. SCHROEDER (1993), Associate Professor of Educational Foundations, B.S., Kutztown State College, PA; M.S., Drexel University-Philadelphia; M.A., University of New Mexico-Albuquerque; M.S., Syracuse University; Ph.D., Pennsylvania State University.

DENISE SCHULTZ (1999), Lecturer of Business Education, B.B.A., M.S., University of Wisconsin-Whitewater.

JOAN I. SCHWARZ (1993), Lecturer of Languages and Literatures, B.A., M.A., Northern Illinois University-DeKalb; J.D., Ph.D., University of Wisconsin-Madison.

THOMAS E. SCHWEIGERT (1984), Associate Professor of Economics, B.A., University of Washington; M.S., Ph.D., University of Wisconsin-Madison.

PATRICIA L. SEARLES (1982), Professor of Sociology, B.A., State University of New York; M.A., Ph.D., University of Michigan.

ERIC P. SEELAU (1995), Assistant Professor of Psychology, B.A., Northwestern University, Evanston, IL; M.A., University of Virginia-Charlottesville; Ph.D., Iowa State University, Ames.

SHEILA M. SEELAU (1995), Assistant Professor of Psychology, B.A., M.A., University of North Dakota-Grand Forks; Ph.D., Iowa State University, Ames.

PATRICIA A. SHAW (1982), Associate Professor of Curriculum & Instruction, B.S., M.S., Southern Connecticut State; Ed.D., University of Northern Colorado, Greeley, CO.

WALLACE J. SHERLOCK (1997), Assistant Professor of Curriculum & Instructor, B.A., University of Vermont-Burlington; M.A., Norwich University, Northfield, VT; M.A., Ph.D., Cornell University, Ithaca, NY.

WARREN A. SHIBLES (1967), Assistant Professor of Philosophy and Religious Studies, B.A., University of Connecticut; M.A., University of Colorado.

STEVEN O. SHIELDS (1980), Professor of Communication, B.A., M.A., Ball State, Muncie, IN; Ph.D., University of Wisconsin-Madison.

LYNN H. SHOEMAKER (1986) Assistant Professor of Languages and Literatures, B.A., Howard University; M.A., University of South Dakota; D.A., State University of New York-Albany.

ROBERT P. SIEMANN (1981), Associate Professor of Mathematical and Computer Sciences, B.S., M.S., Ph.D., University of Wisconsin-Madison.

METE B. SIRVANCI (1983), Professor of Marketing, B.S., Robert College, Turkey; Ph.D., John S. Hopkins University, Baltimore, MD.

JAMES R. SISAK (1981), Lecturer of Management, B.S., University of Wisconsin-Parkside; M.B.A., University of Wisconsin-Whitewater.

MARK SKIDMORE (1998), Assistant Professor of Economics, B.A., University of Washington, Seattle; M.A., Ph.D., University of Colorado, Boulder.

ELLEN L. SMITH (1991), Lecturer of Educational Foundations, B.A., University of Wisconsin-Madison; M.S., University of Wisconsin-Milwaukee.

JULIE A. SMITH (1987), Associate Professor of Languages and Literatures, B.A., University of California-Berkeley; Ph.D., University of Wisconsin-Madison.

LOIS J. SMITH (1987), Professor of Marketing, A.B., University of South Dakota, Vermillion, SD; M.A., University of Illinois at Chicago Circle; M.B.A., University of Wisconsin-Whitewater; Ph.D., University of Wisconsin-Milwaukee.

STANLEY M. SMONIEWSKI (1996), Coordinator of Technology Services of College of Education, B.A., University of Illinois--Chicago; M.A., Governors State University, Park Forest, IL.

SANDRA L. SNOW (1981), Professor of Economics, B.S., Missouri Southern State College; M.S., Kansas State College; Ph.D., University of Missouri/Columbia.

STEPHEN L. SOLHEIM (1991), Associate Professor of Biological Sciences, B.A., Ph.D., University of Wisconsin-Madison.

DONALD E. SORENSEN (1976), Associate Professor of Finance and Business Law, B.B.A., M.S., Ph.D., University of Wisconsin-Madison.

BAMBI L. STATZ (1996), Assistant Professor of Business Education and Office Systems, B.A., M.S. Ed., University of Wisconsin-Whitewater; Ph.D., University of Wisconsin-Madison.

FRANK D. STEKEL (1965), Professor of Physics, B.A., University of Wisconsin-La Crosse; M.S., University of Wisconsin-Madison; Ed.D., Indiana University.

SHIRLEY L. STEKEL (1964), Assistant Professor of Physics, B.A., M.A., Oregon State University.

JEFFREY T. STEPHENS (1988), Associate Professor of Special Education, B.S.E., M.S.E., Southern Illinois University, Carbondale, IL; Ph.D., University of Wisconsin-Madison.

ANNE STINSON (1998), Assistant Professor of Curriculum and Instruction, A.A., Brookdale Community College, Lincroft, NJ; B.A., M.A.T., Monmouth College, West Long Branch, NJ; Ed.D., Rutgers University, New Brunswick, NJ.

KELLY M. STRAIT (1993), Coordinator of Student Retention Program and Lecturer of Developmental Math, B.S., University of Wisconsin-Stevens Point; M.S., University of Wisconsin-Whitewater.

SHANNON STUART (1999), Lecturer of Special Education, B.S., Eastern Michigan University, Ypsilanti; M.S., Ph.D., University of Wisconsin-Madison.

ATLEE G. SVANOE (1972), Lecturer of Management, B.A., M.B.A., University of Wisconsin-Whitewater.

BETH SWANSON (1998), Lecturer of Communicative Disorders, B.A., Augustana, Rhode Island, IL; M.A., Western Michigan University, Kalamazoo.

SCOTT SWANSON (1999), Assistant Professor of Marketing, B.S., University of Wisconsin-River Falls; M.B.A., University of Wisconsin-Oshkosh; Ph.D., University of Kentucky, Lexington.

JEROME P. TANGUAY (1982), Lecturer of Mathematical and Computer Sciences, B.A., Western Michigan University; M.S.T., University of Wisconsin-Whitewater.

ALVARO TAVEIRA (1999), Associate Professor of Safety Studies, B.S., Universidade Federal de Uberlandia, Brazil; M.S., Universidade Federal de Stata Catarina, Brazil; Ph.D., University of Wisconsin-Madison.

GEORGE TESAR (1970), Professor of Marketing, B.S.M.E., Chicago Technical College; M.B.A., Michigan State University; Ph.D., University of Wisconsin-Madison.

ANN TETLEY (1988), Assistant Professor of Communication, B.A., M.A., William Peterson College, Wayne, NJ; Ph.D., Ohio University, Athens, OH.

JANET S. THATCHER (1986), Professor of Finance and Business Law, B.A., M.B.A., Ph.D., University of Wisconsin-Madison.

JOHN G. THATCHER (1991), Associate Professor of Finance and Business Law, B.A., University of California-Berkeley; M.Ph., Yale University, New Haven, CT; M.B.A., Ph.D., University of Wisconsin-Madison.

JENNIFER THOMSON (1998), Lecturer of Languages and Literatures, B.A., Carroll College, Waukesha, WI; M.A., Arizona State University, Tempe; Ph.D., Marquette University, Milwaukee, WI.



EDIE THORNTON (1998), Lecturer of Languages and Literatures, B.A., University of Richmond, Richmond, VA; M.A., College of William & Mary, Williamsburg, VA; Ph.D., University of Wisconsin-Madison.

LINDA H. THREADGILL (1979), Professor of Art, B.F.A., University of Georgia; M.F.A., Tyler School of Art-Temple University.

PATRICK TIERNEY (1999), Lecturer of Management, B.A., Cardinal Stritch University, Milwaukee, WI; M.B.A., University of Wisconsin-Whitewater.

SHARON W. TIFFANY (1972), Professor of Women's Studies and Anthropology, A.B., M.A., Ph.D., University of California-Los Angeles.

WALTER W. TIFFANY (1971), Professor of Women's Studies and Anthropology, A.B., Stanford University; M.A. (Psychology), M.A. (Anthropology), Ph.D., University of California-Los Angeles.

LUCREZIA TOMES (1997), Assistant Professor of Communicative Disorders, B.A., Coe College, Cedar Rapids, IA; M.A., University of Iowa, Iowa City; Ph.D., University of Arizona, Tucson.

SUSAN C. TOMS-BRONOWSKI (1989), Associate Professor of Curriculum and Instruction, B.A., Bridgewater State College, Bridgewater, MA; M.S.T., University of Wisconsin-Eau Claire; Ph.D., University of Wisconsin-Madison.

ALISON TOWNSEND (1998), Assistant Professor of Languages and Literatures, B.A., Marlboro College, Marlboro, VT; M.A., Claremont Graduate School, Claremont, CA; M.F.A., Vermont College of Norwich University, Montpelier.

HASSIMI TRAORE (1994), Assistant Professor of Chemistry, B.S., M.A., University of Ouagadougou, West Africa; M.A., Ph.D., University of Iowa, Iowa City.

DAVID J. TRAVIS (1994), Assistant Professor of Geography & Geology, B.S., M.S., University of Georgia; Ph.D., Indiana University, Bloomington, IN.

R. WILFRED TREMBLAY (1992), Assistant Professor of Communication and Director of WSUW Radio, B.S., Arkansas State University; M.S., Boston University; Ed.D., University of Pittsburgh, PA.

BONNIE K. TRUDELL (1997), Associate Professor of Health, Physical Education, Recreation and Coaching, B.S., University of Wisconsin-Stout; M.S., Ph.D., University of Wisconsin-Madison.

DENNIS C. TRUDELL (1985), Associate Professor of Languages and Literatures, B.A., Denison University; M.A., M.F.A., University of Iowa.

ANTHONY L. TRUOG (1968), Associate Professor of Educational Foundations, B.A., University of Colorado; M.A., Michigan State University; Ph.D., University of Wisconsin-Madison.

DENAY TRYKOWSKI (1994), Lecturer of Health, Physical Education, Recreation and Coaching, B.A., M.S., James Madison, Harrisburg, VA.

HUGO C. TSCHARNACK (1965), Assistant Professor of Physics, B.S., University of Wisconsin-Milwaukee; M.S., UW-Madison; Docteur de Universite (Mention:Sciences), Faculte des Sciences d'Orsay, Universite de Paris.

JOHN S. TUINSTRA III (1991), Lecturer of Music, B.M., M.M., University of Wisconsin-Madison.

WALTER ULBRICHT (1991), Lecturer of Communication, B.A., University of Wisconsin-Parkside, M.A., University of Wisconsin-Madison

LANCE E. URVEN (1991), Associate Professor of Biological Sciences, B.S., University of Illinois, Urbana-Champaign; M.S., Western Illinois University, McComb, IL; Ph.D., University of California-Davis.

JOHN R. VALADEZ (1987), Associate Professor of Political Science, B.A., California State College, Los Angeles, CA; M.A., Ph.D., University of Washington, Seattle, WA.

GREGORY A. VALDE (1992), Associate Professor of Educational Foundations, B.A., St. Olaf College; M.S., Ph.D., University of Wisconsin-Madison.

DAVID C. VAN DOREN (1983), Associate Professor of Counselor Education, B.A., M.Ed., Lehigh University; Ed.D., University of Maine.

DAVID M. VANDER MEULEN (1978), Lecturer of Health, Physical Education, Recreation and Coaching, B.S., M.S., University of Wisconsin-Madison.

KRISHNANAND VERMA (1989), Professor of Mathematical and Computer Sciences, B.S., B.A., M.S., M.A., M.A., Ph.D., University of Bihar, Muzaffarpur, Bihar, India.

STEPHEN A. VINCENT (1994), Associate Professor of History, B.A., Indiana University-Bloomington; M.A., Ph.D., Brown University, Providence, RI.

EDWARD VITALE (1968), Professor of Marketing, B.A., American University of Beirut; M.B.A., University of Southern California; Ph.D., University of Iowa.

SALLY M. VOGL-BAUER (1996), Assistant Professor of Communication, B.A., University of Wisconsin-Whitewater; M.A., University of Wisconsin-Milwaukee; Ph.D., University of Kentucky.

DARYLE A. WAECHTER-BRULLA (1990), Associate Professor of Biological Sciences, B.S., Illinois State University-Normal; M.S., Ph.D., University of Illinois at Urbana-Champaign.

MARY WAGNER (1989), Lecturer of Safety Studies, B.S., Northern Illinois University, DeKalb; M.B.A., M.S., University of Wisconsin-Whitewater.

RICHARD J. WAGNER (1990), Professor of Management, B.S., Union College, Schenectady, NY; M.B.A., Gonzaga University, Spokane, WA; Ph.D., Indiana University-Bloomington.

SONDRA WALDMANN (1999), Instructional Specialist of Curriculum and Instruction, B.A., University of Wisconsin-Whitewater.

MICHAEL WALLACE (1997), Lecturer of Social Work, B.S., M.S.W., University of Wisconsin-Milwaukee.

ANN M. WALLER (1989), Lecturer of Marketing, B.B.A., M.B.A., University of Wisconsin-Madison.

MEG A. WARACZYNSKI (1992), Associate Professor of Psychology, B.A., University of Wisconsin-Milwaukee; Ph.D., Harvard University-Cambridge.

MARY F. WARD (1998) Assistant Professor of Communicative Disorders, B.S., M.A., Northern Illinois University, DeKalb; Ph.D., University of Memphis, TN.

TREENA WARD (1999), Lecturer of Safety Studies, B.S., University of Wisconsin-Whitewater, M.S., University of Wisconsin-Madison.

ROBIN M. WARDEN (1977), Professor of Special Education, B.S., Marquette University; M.S., University of Wisconsin-Milwaukee; Ph.D., University of Wisconsin-Madison.

JOHN B. WASHBUSH (1989), Assistant Professor of Management, B.A., M.A., M.S., University of Wisconsin-Madison; M.B.A., Ph.D., Marquette University, Milwaukee, WI

ROY C. WEATHERWAX (1976), Professor of Accounting, B.B.A., Ph.D., University of Wisconsin-Madison.

JOHN C. WEBB (1991), Associate Professor of Music, B.M., M.M.E., North Texas State University, Denton, TX.; Ph.D., University of North Colorado.

WILLIAM W. WEISS (1980), Assistant Professor of Communication, B.S., John Brown University; M.S., University of Wisconsin-Stout; Ph.D., University of Wisconsin-Madison.

LAUREN E. WENTZ (1991), Associate Professor of Biological Sciences, B.S., M.S., University of Akron, Ohio; Ph.D., Ohio State University-Columbus.

JON WERNER (1998), Associate Professor of Management, B.S., M.B.A., Ph.D., Michigan State University, East Lansing.

JOHN WESTFALL (1994), Lecturer of Marketing, B.A., Concordia University, Milwaukee, WI; M.B.A., University of Wisconsin-Whitewater.

MARY A. WHAM (1992), Associate Professor of Curriculum & Instruction, B.S., University of Illinois-Champaign; M.S., Ed.D., Northern Illinois University-DeKalb.

BENJAMIN WHITCOMB (1999), Assistant Professor of Music, B.M., Oklahoma State University, Stillwater; M.M., Ph.D., University of Texas, Austin.

RUTH S. WHITMORE (1992), Lecturer of Developmental Mathematics, B.S., M.S., University of Wisconsin-Madison.

JOHN I. WICKENBERG (1982), Professor of Art, B.S., M.F.A., University of Wisconsin-Madison.

R. BRUCE WIEGAND (1990), Professor of Sociology, B.S., Slippery Rock University; M.A., Duquesne University, Pittsburgh, PA; Ph.D., Vanderbilt University, Nashville, TN.

J. STEVE WIEST (1990), Associate Professor of Music, B.M., University of Southern Mississippi; M.M., University of North Texas-Denton, TX.

KATIE WILLIAMS (1999), Lecturer of Biological Sciences, B.S., University of Illinois, Urbana; M.S., Ph.D., University of Michigan, Ann Arbor.

SHERYL WILLIAMS (1998), Assistant Professor of Communication, B.A., M.A., University of Northern Iowa, Cedar Falls; Ph.D., University of Kansas, Lawrence.

JAMES P. WINSHIP (1981), Associate Professor of Social Work, B.A., Davidson College, North Carolina; M.S.W., D.P.A., University of Georgia.

MICHAEL J. WOLLER (1995), Assistant Professor of Biological Sciences, B.S., M.S., University of Wisconsin-Oshkosh; Ph.D., University of Wisconsin-Madison.

JANET M. WRIGHT (1989), Associate Professor of Social Work, B.A., Radcliffe College, Cambridge, MA; M.S.S.W., Ph.D., University of Wisconsin-Madison.

CRAIG G. WUCIVIC (1983), Lecturer of Safety Studies, B.S., M.S., University of Wisconsin-Whitewater

GEORGE A. YANCEY (1996), Assistant Professor of Sociology, B.S., West Texas State University; M.A., Ph.D., University of Texas at Austin.

WAN XIANG YAO (1997), Assistant Professor of Health, Physical Education, Recreation and Coaching, B.S., M.S., Beijing Institute, China; Ph.D., Auburn University, AL.

RICHARD A. YASKO (1976), Professor of History, B.A., Dominican College; M.A., Ph.D., University of Chicago.

JULIA A. YEATER (1990), Lecturer of Health, Physical Education, Recreation and Coaching, B.S., Emporia State University; M.S., University of Kansas.

ROGER YOUNG (1998), Lecturer of Safety Studies, B.A., University of Wisconsin-Madison; M.S., University of Wisconsin-Whitewater.

ROSEANN C. YOUNG (1987), Lecturer of Communication, B.A., Mount Mary College, Milwaukee, WI; M.S., University of Wisconsin-Whitewater.

AURELIO YVARRA (1978), Professor of Curriculum & Instruction, B.A., California State College-Los Angeles; M.A., Ph.D., Claremont Graduate School.

ELIZABETH A. ZARINNIA (1989), Associate Professor of Educational Foundations, B.A., University of Southampton, England; M.L.S., Ph.D., University of Wisconsin-Madison.

CHARLES H. ZASTROW (1971), Professor of Social Work, B.S., M.S., Ph.D., University of Wisconsin-Madison.

JOHN M. ZBIKOWSKI (1989), Associate Professor of Curriculum and Instruction, A.B., M.S., Syracuse University, Syracuse, NY; Ph.D., University of Florida-Gainesville.

THERESA ZUEHLKE-GANSHERT (1996), Lecturer of Art, B.A., University of Wisconsin-Stout; M.A., M.F.A., University of Wisconsin-Madison.

STANLEY J. ZWEIFEL (1991), Lecturer of Health, Physical Education, Recreation and Coaching, B.S., University of Wisconsin-River Falls; M.S., Mankato State University.

## **EMERITI**

William O. Baldwin; Geography (1992)

Laurie M. Barrett; Accounting (1997)

Peter R. Barry; History (1994)

Edward P. Michalewicz; Safety Studies (1994)

Mary B. Mills; Director, Information Services  
and Communication (1978)

John V. Battram; Head of Audiovisual Resources (1990)  
Marilyn Baxter; Theatre and Dance (1998)  
Brian K. Beck, Modern Languages and Literatures (1994)  
William C. Beck; Mathematics and Computer Science (1995)  
Ronald R. Bergsten; Physics (1994)  
William T. Berry; Coaching (1990)  
Helen E. Bill; Learning Resources (1986)  
C. A. Black; Accounting (1982)  
Elizabeth A. Blankenship; Learning Resources (1989)  
Winson C. Blankenship; Safety Studies (1989)  
Germaine M. Blaskey; Curriculum and Instruction (1989)  
Richard I. Blue; Information Resources (1998)  
John Bodensteiner; Enrollment Services (1997)  
Thomas E. Bolduc; Director of Counseling and Psychology (1990)  
Glenn Bowen; Finance and Business Law (1979)  
Charles W. Brady; Biology (1990)  
Paul W. Breitsprecher; Learning Resources (1990)  
Dale E. Brock; Administrative Services (1981)  
William Brunckhorst; Biology (1991)  
Gerald A. Buhrow; Director of Financial Aid (1993)  
Robert N. Burrows; English (1993)  
Adriana Busot; Foreign Language (1988)  
Aldo J. Busot; Foreign Language (1989)  
Gene Cardinal; Coaching (1988)  
Jack Cassingham; Music (1996)  
John S. Cease; Communication (1997)  
William Chevrette; Communication (1992)  
Alberta E. Christen; Mathematics (1976)  
Charlotte A. Christner; Psychology (1992)  
M. Corinne Clark; Associate Dean College of Education and Health, Physical Education and Recreation (1986)  
James W. Colmey; Assistant Chancellor for Administrative Services (1989)  
James R. Connor; Chancellor Emeritus and History (1991)  
E. LaVonne Coppenbarger; Music (1993)  
Roger D. Coppenbarger; Music (1995)  
Lawrence Crone; Biological Sciences (1998)  
Albert Mims; Safety Studies (1997)  
Han K. Min; Accounting (1995)  
Ruth Miner-Kessel; Political Science (1985)  
Patrick E. Monahan; Educational Foundations and Counselor Education (1990)  
Russell Moratz; Learning Resources (1979)  
Charles E. Morphew; Geography (1983)  
Margaret H. Mueller; Elementary Education (1975)  
Georgianna Myers; Library and Learning Resources (1985)  
Rudolph M. Najjar; Associate Dean of College of Letters and Sciences and Mathematics and Computer Science (1990)  
Reginald G. Nash; Biological Sciences (1995)  
Agate Nesaule; Languages and Literatures and Women's Studies (1996)  
John E. Nichols; Communication (1993)  
Ruth Ross Nicholson; Student Affairs (1983)  
Charles A. North; Biological Sciences (1994)  
Clifford W. O'Beirne; Psychology (1996)  
John C.H. Oh; Political Science (1997)  
Kenneth A. Otting; Curriculum and Instruction (1993)  
C. Daniel O'Sullivan; Associate Professor and Coordinator of Recreational Sports and Facilities (1998)  
J. Fred Overman; Special Education and Elementary Education (1983)  
John Overton; Accounting (1983)  
Edna M. Park; Developmental Math (1996)  
Joe C. Park; Educational Foundations (1998)  
Gordon E. Parks; History (1991)  
Anthony L. Pavlick; Economics (1988)  
Robert Y. Perinchief; Music (1990)  
Forrest W. Perkins; Coaching (1986)  
Margot M. Peters; English (1991)  
Gladys Petersen; Elementary Education (1982)  
Heinz Pfaeffle; Special Education (1983)  
Lynton M. Piatt; Psychology (1991)  
George Pulsford; Accounting (1974)  
Mary E. Quinlivan; History (1996)  
E. John Rabe; Health, Physical Education, Recreation and Coaching (1997)

Frances M. Culbertson; Psychology (1988)  
 John A. Cummings; Biology (1990)  
 Larry W. Davis; Interim Provost/Vice Chancellor and  
 Mathematics and Computer Science (1998)  
 Anne Daunis; English (1984)  
 Ronald D. Dettmers; Mathematics and Computer  
 Science (1992)  
 Henry DeWind; History (1983)  
 Daniel D. DiPiazza; Political Science (1990)  
 Margaret M. Donovan; History (1991)  
 Bradley J. Dresang; Associate Director of University  
 Center and Auxiliary Services (1999)  
 Clayton A. Drouillard; Mathematics and Computer  
 Science (1990)  
 Roland Durette; Languages and Literatures (1996)  
 Ronald V. Ellis; Languages and Literatures (1997)  
 Dorothy Remp Elmer, Elementary Education (1984)  
 Jimmie N. Eloff; Continuing Education (1997)  
 Martin Engert; Mathematics and Computer Science  
 (1996)  
 Richard C. Enstad; Mathematics and Computer  
 Science (1999)  
 Richard C. Farrell; Management (1992)  
 Mercedes Fernandez; Theatre/Dance (1996)  
 Frank Ferriano; Music (1991)  
 Howard G. Field; Curriculum & Instruction (1992)  
 Jack D. Filipiak; History (1999)  
 Robert Fiskum; Health, Physical Education, Recreation  
 and Coaching (1996)  
 Carroll Flanagan; Mathematics (1982)  
 Merle N. Follstad; Biological Sciences (1998)  
 Edwin L. Foot; Music (1990)  
 Cora M. Forbush; Associate Dean, Continuing  
 Education , Educational Foundations and Counselor  
 Education (1988)  
 Corinne E. Forster; Secondary Education (1984)  
 Rex D. Foster; Mathematics and Computer Science  
 (1985)  
 Nancy E. Fowell; Curriculum and Instruction (1998)  
 Karl E. Fraedich, Accounting (1999)  
 Everett P. Fulton; Philosophy and Religious Studies  
 (1989)  
 Eliezer Geisler; Management (1999)  
 Jacob H. Gerlach; Mathematics and Computer Science  
 James P. Raffini; Educational Foundations  
 (1996)  
 Elmer G. Redford; Physics (1993)  
 Everett L. Refior; Economics (1983)  
 Vernon L. Rexroat; Special Education (1994)  
 Mary Ann Riccio; Health, Physical Education and  
 Recreation (1990)  
 Dennis M. Richter; Geography (1997)  
 Roy P. Roberson; Finance and Business Law  
 (1991)  
 Audrey J. Roberts; English (1992)  
 Dennis K. Rohrs; Music (1990)  
 Kirk J. Romary; Chemistry (1994)  
 Don S. Ross; Philosophy and Religious Studies  
 (1994)  
 Marvin Ross; Health, Physical Education and  
 Recreation (1989)  
 Mary Lou Rossini; Curriculum and Instruction  
 (1999)  
 Helga Rothweiler; Languages and Literatures  
 (1998)  
 Robert L. Rothweiler; Political Science (1997)  
 Margaret A. Roxby; Curriculum and Instruction  
 (1990)  
 W. Daniel Sable; Biological Sciences (1997)  
 Robert L. Sauer; Management (1998)  
 David Saunders; English (1983)  
 Dale Scharinger; Management (1998)  
 Ruth A. Schauer; Languages and Literatures and  
 Women's Studies (1996)  
 Robert F. Schissel; Educational Foundations &  
 Counselor Education (1988)  
 Rolland P. Schlieve; Educational Foundations  
 and Counselor Education (1986)  
 Dorothy M. Schlimm-Sand; Curriculum and  
 Instruction (1992)  
 James S. Schlough; Biological Sciences (1995)  
 Susan R. Schlough; Developmental Studies  
 (1996)  
 Alice J. Schoof; Psychology (1992)  
 Jack F. Schoof; Art (1991)  
 Bruce E. Schroeder; Associate Registrar (1995)  
 Vernon A. Schumacher; Curriculum and  
 Instruction (1990)

(1997)  
Mary Anne Gerlach; Mathematics and Computer Science (1997)  
John M. Gibbens; Economics (1993)  
Dorothy M. Gollmar; Mathematics and Computer Science (1996)  
Beverly L. Good; Educational Foundations and Counselor Education (1987)  
David G. Goodman; Business Education and Office Administration (1986)  
Carol D. Goodwin; Technology and Information Resources (1996)  
Carolyn B. Gorby; Director of Career Services (1998)  
Iza Goroff; Management (1998)  
George H. Gray; Executive Director of Budget, Planning & Analysis and Business Education and Office Administration (1993)  
Rosemary A. Green; Special Education (1997)  
Alyce M. Greene; Health, Physical Education and Recreation (1976)  
Jay M. Greene; Accounting (1976)  
H. Gaylon Greenhill; Chancellor and Political Science (1999)  
William Greer; Sociology (1981)  
Raymond L. Griffith; Languages and Literatures (1996)  
Edna P. Grinstead; Business Education and Office Administration (1981)  
Thomas S. Grotelueschen; Curriculum and Instruction (1995)  
George B. Hafer; Communication (1995)  
Hans R. Hahn; Special Education (1997)  
Kenneth Hammer; Economics (1983)  
Maxine M. Hansen; Elementary Education (1983)  
Joan P. Heimlich; Curriculum and Instruction (1997)  
Roger W. Helming; Associate Director of Career Planning and Placement Services and Curriculum and Instruction (1990)  
Russell D. Helwig; Physics (1998)  
Craig A. Herbert; Counselor Education (1998)  
Marvin Hersko; Psychology (1989)  
Pernell H. Hewing; Business Education and Office Administration (1992)  
Fannie E. Hicklin; Associate Dean of Faculties and George H. Seeburger; Biology (1992)  
Aeilt E. Sents; History (1986)  
Lon D. Sherman, Director of Admissions (1998)  
Carl W. Shinnars; Physics (1992)  
William F. Siebers; Music (1988)  
Donald H. Silva; Economics (1996)  
S. Galen Smith; Biology (1991)  
Brunhilde W. Sommer; Educational Foundations and Counselor Education (1986)  
Ralph H. Song; Psychology (1992)  
Edna C. Sorber; Communication (1981)  
Dale F. Stehno; Counselor Education (1998)  
Neil H. Stone; Physics (1999)  
Luther R. Stonecipher; Physics (1986)  
Lewis W. Stoneking; Curriculum and Instruction (1992)  
David M. Stoneman; Associate Dean of College of Letters and Sciences and Mathematics and Computer Sciences (1998)  
Norman L. Stoner; Executive Director of WisNet and Physics (1999)  
Max F. Taylor; Art (1995)  
Edwin E. Thele; College of Business Assistant Dean and Accounting (1991)  
Warren S. Theune; College of Education Assistant Dean and Secondary Education (1986)  
Vlad I. Thomas; English (1990)  
Dorothy M. Tiede; Assistant to the Chancellor and Special Education (1990)  
James E. Toennies; Health, Physical Education, Recreation & Coaching (1993)  
Patricia A. Townsend; Associate Dean of College of Arts and Communication and Professor of Communication (1998)  
Jack W. Travis; Geology (1999)  
James R. Trier; Mathematics and Computer Science (1994)  
Louis J. Uehling; Languages and Literatures (1997)  
M. Hope Underwood; Educational Foundations and Counselor Education (1990)  
Robert M. Underwood; Geography (1986)  
Kathryn E. Utz; English (1978)

Theatre/Dance (1988)  
Irene E. Hill; Curriculum and Instruction (1993)  
Noel N. Hjelmhaug; Physics (1995)  
Frederick C. Hoffmeister; Safety Studies (1997)  
Mary J. Hoffmeister; Business Education and Office Systems (1994)  
John R. Hunter; Music (1989)  
Howard G. Inglefield; Music (1996)  
Robert L. Jennings; Music (1992)  
Richard C. Jentoft; Communicative Disorders (1997)  
Jerome W. Johnson; Learning Resources (1994)  
William F. Johnston; Mathematics and Computer Science (1991)  
William R. Johnston; Curriculum and Instruction (1989)  
Ora I. Jones; Student Affairs (1978)  
Maurice C. Kalb; Biological Sciences (1996)  
Dennis W. Kehoe; Foreign Languages (1993)  
Richard D. Kelley; Psychology (1994)  
Bernice M. Kelly; English (1992)  
Michael J. Kennedy; History (1997)  
Charles R. King; Curriculum and Instruction (1989)  
Gary B. Klatt; Mathematics and Computer Science (1999)  
Thomas C. Klug; Controller and Director of Financial Services (1996)  
Reuben Klumb; Educational Foundations (1980)  
Alfred S. Kolmos; Educational Foundations and Counselor Education (1986)  
Ruth A. Koskela; Assistant Dean of College of Education and Curriculum and Instruction (1998)  
Molly P. Krival; Communications (1988)  
Harry B. Krouse; English (1989)  
Eugene P. Kruchoski; Health, Physical Education and Recreation (1985)  
Lillian I. Lahti; Curriculum and Instruction (1990)  
Lars E. Larson; Management (1995)  
Paul W. Lauritzen; Special Education (1994)  
Donald G. Leeseberg; Marketing (1983)  
Ralph E. Lehman; Physics (1987)  
George Lehner; Registrar (1980)  
Nancy G. Lewis; Languages and Literatures (1996)  
Robert G. Lewis; Modern Languages and Literatures (1995)  
James Van de Bogart; Finance and Business Law (1996)  
Martha Van Steenderen; Health, Physical Education and Recreation (1990)  
Charles B. Varney; Geography (1985)  
Bernard Verrill; Psychology (1990)  
Donald J. Voeller; Geography (1996)  
Kathryn E. Vonderau; HPER (1988)  
Dennis Wadsworth; Music (1997)  
Thomas W. Walterman; Associate Vice Chancellor (1995)  
Ronald R. Wangerin; Health, Physical Education, Recreation and Coaching (1995)  
D. June Ward; Biology (1990)  
Robert K. Webb; Music (1989)  
Carolyn E. Wedin; Languages and Literatures (1996)  
Robert Weigandt; Continuing Education and Health, Physical Education and Recreation (1980)  
Mary (Bross) Weinlein; Special Education (1993)  
James Wenkle; Art (1998)  
Richard Westphal; Management (1990)  
Everett White; Associate Dean, College of Education and Elementary Education (1982)  
Thomas R. Wilcox; Mathematics and Computer Science (1993)  
Raleigh J. Williams; Mathematics and Computer Science (1991)  
Gene Wilson; Theatre (1982)  
Virgil Wise; Elementary Education (1979)  
Jerome W. Witherill; Safety Studies (1998)  
James S. Young; Biology (1989)  
Lowell V. Youngs; Music (1997)  
Karl G. Zahn; Curriculum and Instruction (1990)  
Abdullah Zarinnia; Economics (1999)  
Wallace E. Zastrow; University Relations (1985)  
Norbert J. Zelten; Accounting (1989)



William S. Linsenmeyer; History (1996)  
 Everett L. Long; History (1996)  
 Gordon D. Long; Languages and Literatures (1997)  
 Herbert J. Lundin; Interim Associate Dean of Faculties  
 and Coordinator of Curriculum Matters and  
 Geography (1990)  
 Squire G. Luttrell; Learning Resources (1987)  
 Lois A. Lyons; Library and Learning Resources (1992)  
 Irv A. Madsen; Director of Admissions (1996)  
 Arthur L. Madson; English (1988)  
 Don L. Manley; Physics (1990)  
 Merlin J. Manley; Educational Foundations (1993)  
 Rodney A. Marquardt; Associate Dean of University  
 Center (1989)  
 Norman D. Martin; Learning Resources (1995)  
 Leslie E. Martin, Jr.; Marketing (1987)  
 James Mathews; Learning Resources (1983)  
 Charles R. McCoy; Chemistry (1988)  
 Donald W. McCready; Psychology (1992)  
 Theola A. McDonald; English (1993)  
 Elizabeth J. McGlynn; Director of Personnel (1996)  
 Thomas S. McLeRoy; Dean of Continuing Education,  
 Extension and Summer Session and Business  
 Education and Office Administration (1994)  
 Norman R. Meeker; Associate Director of Admissions  
 (1990)  
 Douglas L. Meikle; History (1987)  
 Mary T. Meikle; Health, Physical Education and  
 Recreation (1989)

## **EXCELLENCE IN TEACHING AWARDS**

1999 Brenda R. O'Beirne, Counselor  
 Education

1998 Charles S. Green, Sociology

1997 Gregory Valde, Educational  
 Foundations

1996 George Ferencz, Music

1981 Ike Schaffer, Educational Foundations

1980 John Montague, Art

1979 Karen Boubel, Music

1978 David Saunders, English

1977 Lowell Youngs, Music

|  |   |
|--|---|
| 1995 Arno Kleimenhagen, Marketing                    | 1976 Larry Davis, Mathematics   |
| 1994 Richard Jentoft, Communicative Disorders        | 1975 Jerome Laurent, Economics  |
| 1993 Jerome W. Witherill, Safety Studies             | 1974 Margaret Mueller, Elementary Education                           |
| 1992 Clifford W. O'Beirne, Psychology                | 1973 Robert Perinchief, Music   |
| 1991 John F. Kozlowicz, Political Science            | 1972 Mary Margaret Hosler, Business Education & Office Administration |
| 1990 Robert N. Burrows, English                      | 1971 Herbert Lundin, Geography/Geology                                |
| 1989 Gorden O. Hedahl, Theatre/Dance                 | 1970 Fannie Hicklin, Theatre/Dance                                    |
| 1988 Edward J. Drexler, Chemistry                    | 1969 Henry Meyer, Biology   |
| 1987 Charles H. Zastrow, Social Work                 | 1968 Raymond Light, Music   |
| 1986 Karen K. Kirst-Ashman, Women's Studies          | 1967 Lloyd Liedtke, Elementary Education                              |
| 1985 Frederic L. Sederholm, Theatre/Dance            | 1966 No Award   |
| 1984 Bennette Harris, Mathematics & Computer Science | 1965 Rudolph Prucha, Physics  |
| 1983 I-Ning Huang, Psychology                        |   |
| 1982 Jack Cummings, Biology                          |   |

## **OUTSTANDING RECENT ALUMNI**

Cited in 1971 Carol A. (Becker) Cartwright, '62 1984 William Malleris, '78

O. David Sherwood, '61

Randall Radtke, '73

1972 Michael R. Wunsch, '63

Donna Faye Crass Sefton, '74

1973 Ann (DeCoster) Carlson, '61

Robert B. Coates, '66

Lee Mullally, '65, '70

Robert Pavlik, '65

1974 Richard C. Haney, '63

Eric W. Lund, '67

Richard E. Moeller, '64

William J. Seiler, '65

1975 Paul Busch, '67

Dan Matson, '69

JoAnn (Chopp) Truss, '67

1976 Patricia (Spicer) Lamb, '68

Edward Litrenta, '68

John A. Mooney, '66

1977 Beverly Kaeser, '68

Patricia Gober-Meyers, '70

Robert Albert Otto, '66

Dale Reich, '72

1978 Frank M. Brasile, '69

Gregg A. Condon, '70

Harry J. Steindorf, '73

Krysten Stepke, '74

1979 Michael Cesario, '71

Roger Wimmer, '71

1985 Elaine Kruzel Bell, '71

Irving W. Palmer '78

1986 No Awards Given

1987 Thomas Becke, '78

William Lowell, '82

Howard L. Marklein, '76

1988 Lee Celske, '81

Wade Fletcher, '78

Thomas Gaglione, '74

Marilyn Todd Pape, '83

1989 Frank Biancuzzo, '82

Terrance C. Shircel, '80

Patrick Slane, '77

Janice (Gudeman) Travnick, '73

1990 Sheryl (Finke) Bartelt, '81

Michael Collette, '73

Arthur Flowers, Jr., '77

1991 Thomas Adsit '78

Craig Vickio '81

1992 No Awards

1993 Todd K. Adams '80

Timothy J. Hyland '82

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Linda Kurth, '75, '78             | Richard A. Leske '83              |
| Nancy Nelson, '70                 | 1994 Carolyn (Theune) Brady '80   |
| Louise (Hermsen) Schneff, '76     | Kurt Krinke '83                   |
| 1980 William Nantell, '71         | Michael J. Ross '81               |
| Jeanne Pepper, '69                | Ronald Thompson '72 & '82         |
| 1981 Ron Binning, '70             | 1995 Dean R. Amhaus '83           |
| David Denmark, '74                | Barry A. Brandt '85               |
| Kristin Koeffler, '77             | Dawn (Brooke) Hunter '81 & '87    |
| Kathryn Linch, '77                | Barbara J. Smith '82              |
| 1982 Frank Burns, '76             | 1996 Yvonne Anderson '89          |
| Mark Fiebrink, '73                | William Lutzen '83                |
| Victorio (Sykes) Loudon, '74, '78 | 1997 Dean Van Galen '82           |
| Sally Ann Schwartz, '78, '79      | Sarah Fletcher Botham '83         |
| 1983 Michael Duschene, '75, '81   | 1998 Cory Ann St. Marie-Carls '83 |
| Jeanine Raffini Fassel, '74, '80  | Craig Coshun '90                  |
| Kwame Salter, '68                 | 1999 Londa L. Hill '89            |
| Daniel Wilson, '72                | Merry Lee Lison '86               |

## **DISTINGUISHED ALUMNI**

|  |                                |
|--|--------------------------------|
| Cited in 1955 Raymond Ruppel, '21, '41 | 1981 Jon C. Dahle, Sr., '38    |
| 1956 Charles E. Jones, '29, '37        | Elinore (Wiseman) Jenkins, '48 |
| Josephine Turner, '24, '39             | Henry I. Kester, '44           |
| 1957 Marvin A. Buege, '36              | John F. Krueger, '32           |
| Willard Wandschneider, '35             | 1982 J. William Brandel, '33   |
| 1958 Gladys Borchers, '18              | Mildred (Dobbs) Gau, '42, '73  |

Harold Perry, '33  
Olga Schlueter, '17  
1959 Walter D. Calvert, '26, '34  
Mary Tuohy Ryan, '19, '38  
1960 Lela Parfrey Andrews, '12  
Rex C. Mack, '42  
1962 Chloes Bardeen, '37  
John W. Hahn, '35  
1963 Paul R. Alfonsi, '27  
Edward J. Gauthier, '39  
S. J. Wanous, '29  
1965 John K. Kyle, '22  
1966 Marie Benson, '18  
William E. Wolfe, '28  
1967 Ray P. Glynn, '33  
Erwin M. Keithley, '32  
1968 Arthur J. Baker, '38  
Ruth A. Bennett, '24  
Lorraine Missling, '48  
1969 Charles H. Dorr, '18  
Ruth Engebretsen Dorr, '16  
1970 Arthur E. Carlson, '43  
Arnold Condon, '34  
John Garstecki, '45  
Clemens Wisch, '42  
1971 Elizabeth Ruth Bromley, '40  
Cecile M. Logic, '38  
Ralf J. Thomas, '35  
Henry Yankow, '39  
1972 Harold Bliss, '43  
Robert Garvue, '47  
John Riesch, '52  
Donald Tully, '38  
1973 William Goers, Sr., '38  
Andrew J. Goodman, '39  
Evelyn F. Kronenwetter, '32  
1974 Donald Gau, '42  
Albert Pitts, '50  
Francis Richardson, '38  
Paul Zurkowski, '54  
1975 James Bower, '43  
John Dettmann, '40  
Mary R. Henningsen, '30  
Richard J. Hoffman, '43

Beatrice (Richards) Wehrly, '45  
David Bushman, '67  
1983 Anna Lou Reisch Owen, '40  
John Underwood, '56  
Timothy Cullen, '66  
Mary Jo Greil, '69  
1984 Tom Loftus, '70  
Michael Guolee, '64  
Mary Margaret O'Connell Hosler, '61  
Donald Koeppen, '50  
1985 Kay Harty, '53, '78  
Alvin Jensen, '58  
Del McGinnis '48  
Karen Gunderson Weissman, '66  
1986 Richard E. Galecki, '58  
Douglas J. Timmerman, '62  
1987 Kaye Burkhardt, '64  
Roger J. Johnson, '61  
Donald T. Nicolaisen, '67  
Robert Niendorf, '62  
1988 James Rowe, '71  
Dennis Torkko, '68  
1989 Dr. James R. Gammon, '56  
Alfred Kolmos, '57  
John R. Plewa, '68  
Dr. William J. Seiler, '65  
1990 David Balmer, '59  
Don Hilbelink, '71  
Xan Johnson, '67  
1991 Robert L. Douglas '59  
Kathleen (Downing) Wood '65  
Jeffrey Schlueter '68  
Richard Pollock '74  
1992 No Awards  
1993 Carol A. (Becker) Cartwright '62  
Joseph S. Fok '71  
Dale M. Hanson '67  
Dwight A. York '62  
1994 Jeanette (Wendt) Campbell '60  
Robert Baade '67  
1995 Steven J. Burrows '74  
Thomas A. Gaglione '74 & '76  
Lolita (Matson) Kachel '50  
Pat A. Rossman '66 & '72

1976 Norman B. Mitby, '38  
Harry Jasinski, '48  
Helen Marie Eggert Snyder, '48  
Louis K. Brandt, '36  
1977 Dolores Fox Curran, '53  
William Healey, '35  
Jeanne Brunette Tregoning, '65  
1978 Rudy Martzke, '33  
John Ponyicsanyi, Sr., '35  
Arthur G. McGraw, Jr., '40  
1979 Elizabeth Henkel Heller, '64  
Herbert J. Langen, '39  
George A. Lambert, '44  
Dale H. Scharinger, '57  
1980 Edward A. Baranowski, '59  
Luella Chrisler Dettmann, '43  
Lawrence Engel, '66  
Lloyd Liedtke, '38

1996 Leonard Converse '34  
Leonard DeBaker '51  
Christine Neuman '69  
Mark Neumann '75  
1997 Warren Theune '50  
Dennis Ladwig '62, '64 & '70  
Philip Pelanek '70 & '72  
Michael O'Halleran '72  
Raymond Jacobsen '76  
1998 Marc Anderson '67  
Richard Kalinoski '70  
Carlos Wagner '70  
1999 Ronald F. Ertl '70  
Judith M. Erwin '72  
Connie Glowacki '64 & '68  
Matthew S. Schliesman '78  
Dennis Troha '68

**\* NOTE: Computer & Network Administration formerly called Office Systems**