

Undergraduate Bulletin

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General University Information

ACCREDITATIONS

- AMERICAN ASSEMBLY OF COLLEGIATE SCHOOLS OF BUSINESS
- AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION
- COUNCIL ON SOCIAL WORK EDUCATION (UNDERGRADUATE)
- INTERNATIONAL ASSOCIATION OF COUNSELING SERVICES
- NORTH CENTRAL ASSOCIATION OF COLLEGES AND SCHOOLS
- NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC
- NATIONAL COUNCIL FOR ACCREDITATION OF TEACHER EDUCATION
- WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
- WISCONSIN STATE BOARD OF ACCOUNTANCY
- RULES AND POLICIES STATEMENT

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

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 change without notice. For the most specific, up-to-date information on any subject that is part of this publication, contact the Office of the Assistant Vice Chancellor and Registrar.

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 Assistant Vice Chancellor for Equal Opportunity, University of Wisconsin-Whitewater, Whitewater, WI 53190.

UW-WHITEWATER
800 West Main Street
Whitewater, WI 53190

Campus Directory (414) 472-1234
Touch-Tone Information System (414) 472-4000

CONCERNING	ADDRESS/TELEPHONE
Admission to the University	Admissions Office Baker Hall (414) 472-1440
Adult and Part-time Enrollment	Admissions Office Baker Hall (414) 472-1440
Alumni Information	University Relations Alumni Center (414) 472-1105
Athletic Directors Men	Williams Center 123 (414) 472-1867
Women	Williams Center 122 (414) 472-1649
Career Services	Library 2002B (414) 472-1471
College of Arts & Communication	Center of The Arts 2001 (414) 472-1221
College of Business & Economics	Carlson Hall 4037 (414) 472-1343
College of Education	Winther Hall 2034 (414) 472-1101
College of Letters & Sciences	Salisbury Hall 123 (414) 472-1620
Continuing Education	Roseman 2013 (414) 472-1100
Disabled Student Services	Roseman 1003 (414) 472-4711
Educational Opportunities Center	McCutchan Hall 118 (414) 472-1209
Financial Aid	Library 2002A (414) 472-1130
Graduate School	Roseman 2047 (414) 472-1006
Health & Counseling Service	Health Center 1013

	(414) 472-1300
Parking Information	Police & Parking Services (414) 472-4660
Registration	Baker Hall B-7 (414) 472-1211
Residence Hall Life	Goodhue Hall 200 (414) 472-1151
Summer School Information	Roseman 2013 (414) 472-1100
Tickets for Athletic and Performing Arts Program	University Center (414) 472-2222
Transcript of Credits	Registrar Baker Hall B-27 (414) 472-1213
Transfer of Credits	Admissions Office Baker Hall (414) 472-1440
Veterans' Information	Registrar Baker Hall B-7 (414) 472-1211
Workshops, Camps and Conferences	Continuing Education Roseman 2013 (414) 472-1100

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:

1. Offer associate and baccalaureate degree level and selected graduate programs within the context of its approved mission statement.
2. 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.
3. 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.
4. Offer a program of pre-professional curricular offerings consistent with the university's mission.
5. 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.
6. 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.
7. Participate in interinstitutional relationships in order to maximize educational opportunity for the people of the state effectively and efficiently through the sharing of resources.
8. 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.
9. 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:

1. 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.

2. Offer graduate education built clearly upon its undergraduate emphases and strengths with particular emphasis in the fields of business and education.
3. 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.
4. Provide supportive services and programs for students with disabilities.
5. Recruit minority and non-traditional students and provide support services and programs for them.
6. Serve as a regional cultural and resource center.
7. Provide continuing education and outreach programs as an integrated institutional activity.

1995-97 CALENDAR

First Semester 1996-1996

Orientation/Registration	August 28-September 1, 1995
Labor Day	September 4, 1995
Classes Begin	September 5, 1995
Thanksgiving Recess Begins 5:00 p.m.	November 22, 1995
Thanksgiving Recess Ends 7:45 a.m.	November 27, 1995
Commencement	December 16, 1995
Exam Period	December 14-22, 1995
Final Day of Semester	December 22, 1995

Second Semester 1995-96

Orientation/Registration	January 8-12, 1996
Martin Luther King Holiday	January 15, 1996
Classes Begin 7:45 a.m.	January 16, 1996
Spring Recess Begins 9:00 p.m.	March 22, 1996
Spring Recess Ends 7:45 a.m.	April 1, 1996
Good Friday	April 5, 1996
Commencement	May 11, 1996
Exam Period	May 6-16, 1996
Final Day of Semester	May 16, 1996

Summer Session 1996

Summer Session Begins	May 20, 1996
Summer Session Ends	August 9, 1996

First Semester 1996-97

Orientation/Registration	August 26-30, 1996
Labor Day	September 2, 1996
Classes Begin	September 3, 1996
Thanksgiving Recess Begins 5:00 p.m.	November 27, 1996
Thanksgiving Recess Ends 7:45 a.m.	December 2, 1996
Exam Period	December 14-23, 1996
Commencement	December 21, 1996
Final Day of Semester	December 23, 1996

Second Semester 1996-97

Orientation/Registration	January 13-17, 1997
Martin Luther King Holiday	January 20, 1997
Classes Begin 7:45 a.m.	January 21, 1997
Spring Recess Begins 9:00 p.m.	March 21, 1997
Good Friday	March 28, 1997
Spring Recess Ends 7:45 a.m.	March 31, 1997
Commencement	May 17, 1997
Exam Period	May 12-20, 1997
Final Day of Semester	May 20, 1997

Summer Session 1997

Summer Session Begins	May 27, 1997
Summer Session Ends	August 15, 1997

WELCOME TO UW-WHITEWATER

Attending college is a special and unique experience. Students from Wisconsin and many other states and countries have shared that experience here, exploring various intellectual paths, making new friends and enjoying good times together.

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, UW-Whitewater is known for high-quality, career-oriented undergraduate and graduate programs that offer a unique blend of general and professional education experiences.

The first and foremost responsibility of UW-Whitewater is quality teaching within a dynamic learning community. 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.

UW-Whitewater has a current enrollment of approximately 10,500 students and offers 43 undergraduate and 13 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 92, from persons taking one class to those with a full course of studies, from high school seniors 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 Warhawk Stadium.

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
- having fun and being serious
- meeting new friends
- exploring new ideas and interests
- discovering oneself to the fullest

TRADITION OF EXCELLENCE

- 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.

- The UW-Whitewater School of Graduate Studies has the largest number of masters degree recipients in education among the UW System Comprehensive institutions.
- 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 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 21 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 1995 College Guide of America's Best College, published by "U.S. News and World Report" magazine, advanced UW-Whitewater to its tier one (top 30) 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. The application may be considered as early as September 15 of the senior year. It must include a high school record, the courses to be completed in the senior year, and a \$28 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 may still be considered if at least 21 years of age and out of school for two years or more.)
2. Applicants must have 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.
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 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 25% 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 served in the armed forces, come from a disadvantaged

background, or have other unique circumstances. To receive special consideration as an applicant from a disadvantaged background, contact the Educational Opportunity Program (EOP, see index), to request recommendation for admission to the University by the EOP Committee.

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 and have exhausted opportunities for study in high school. 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: 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. Instructions with the admissions application will explain the procedure to be followed. An application fee of \$28 is required for transfer students who have not previously attended a UW System campus as a matriculated student.

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.

Joint Admission Agreement - Students participating in the UW-Center/UW-W Joint Admission Agreement may begin their university education at a UW-Center 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-Center 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 transfer students may be required to establish a grade point average at UW-Whitewater before being admitted to professional education courses. The College of Education will specify the number of credits to be earned on this campus before admission to professional education. Some programs in the College of Education may limit admission due to high enrollments.

College of Business and Economics applicants must declare "Pre-Business" as a major. After completing forty-five credits or enrolling in 210-244, 210-249 or 210-341/342, 230-211, 230-212, 230-245 and 250-211 or 765-171 (for MCS majors), students may apply for admission to the College of Business and Economics. All students with a 3.00 cumulative GPA or higher will receive automatic admission to the College. Students with a cumulative GPA lower than 3.00 will be admitted if the GPA is within the minimum GPA established by a quota limit for the College. Application forms for admission to the College of Business and Economics are available at the Assistant Dean's Office located in Carlson.

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. 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 attend an orientation program.

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. Transfer 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 (APR's) are not available for special students; however, sample APR's 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 application fee of \$28 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, and diversity requirements. Transfer credit evaluations and Academic Progress Reports (APR's) are not available for special students; however, sample APR's 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 funds 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 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); this may delay the readmission process to the University.

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 (family included) 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 assigned advisers by the College of Letters and Sciences - Undeclared Advising Office located in Salisbury 130.
3. Students in pre-professional programs are assigned advisers by the Office of the Assistant Dean of the College of Letters and Sciences, located in Salisbury 124.

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 2033.
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
6. Education. Specific questions about admission to Professional Education and licensure can be addressed to the Office of the Assistant Dean located in Winther 2033.
7. 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, 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.

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 undertook 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:

Conventional Grades		Honor Points
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 incompleted course must be completed within the agreed time but no later than the end of the next 17-week semester, 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.

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 end of the next 17-week semester, or the

grade automatically becomes an F. If awarded in the term of graduation, the make-up period is 30 days maximum.

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 but 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 credits and no honor points.

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. However, 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: Notifying instructors and arranging make-up work in cases involving absence from class are the student's responsibility. If students are absent, they should notify instructors by phone or in person of the absence as soon as possible. If contact with instructors cannot be made directly, students 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 their course work. If that is impossible, the student should call the academic departments involved. In serious situations where students are incapacitated and temporarily unable to perform the aforementioned responsibilities, family members may contact the Office of New Student Programs, (414-472-3205) for assistance with these matters. That office will then provide notification (not verification) of the absence to the instructors involved; however, arrangements for make-up work or exams, or possible assignment adjustments are entirely the student's responsibility. **THE HEALTH AND COUNSELING CENTER AND THE OFFICE OF NEW STUDENT PROGRAMS 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 granted permission to register, (2) made appropriate fee arrangements, and (3) completed the process by either the telephone or the STAR system. 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 target 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 Research.

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
Senior	90 credits and over

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, management computer systems, economics, and social work.

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. Please contact the Office of Admissions for further details or reference the repeat policy section of this Bulletin.

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 Admission 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 (WTC) System 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 an Associate of Applied Arts or Science Degree in the Wisconsin Technical College System may be eligible to transfer up to 15 credits of general education course work.
3. Students transferring from the Wisconsin Technical College System may be eligible for credit by earning appropriate scores on standardized examinations (e.g. College Level Examination Program) or examinations developed by UW-W.

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 University of Wisconsin System developed a computerized course equivalency matrix which provides transfer information for all UW and WTC institutions. All UW-System and WTC campuses have TIS PCs available for students to easily access transfer information. Although the information is intended to be current and accurate, it should not be considered a contract or a substitute for advising and admission requirements. Students are advised to periodically refer to TIS for updated information. For those interested in using the Transfer Information System at UW-W, contact the Admissions Office, a College

Advising Coordinator, or follow procedures available in the McGraw Computing Laboratory.

UNIVERSITY REMEDIAL, PROFICIENCY, GENERAL EDUCATION, AND DIVERSITY FULFILLMENT: Transfer students with an Associate of Arts or Associate of Science degree from an accredited Illinois junior college, Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or the University of Wisconsin Center System, who can transfer at least 40 acceptable credits to UW-Whitewater are considered to have fulfilled the University Proficiency and General Education requirements. In addition to satisfying University Proficiency and General Education requirements, the UW-Center 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.

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 and Diversity requirements.

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

# of Credits Transferred	UW-W Core Course Requirements
20 credits or less	All General Education Core Courses
21 - 33 credits	Three Core Courses (must include 600-390 World of Ideas)
34 - 45 credits	Two Core Courses (must include 600-390 World of Ideas)
Greater than 45 credits	600-390 World of Ideas only
	-no AA/AS degree

Conferred AA/AS degree

General Education requirements

from UW-Center System,

satisfied

Madison/Milwaukee Area

Technical Colleges, Nicolet

Technical College, or Illinois

Junior Colleges

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 are required to take the English and/or Mathematics Placement Test. ACT/SAT score results may exempt students from the English and mathematics placement tests; see the timetable for most current score requirements. Depending on the placement test results, students may be required to take remedial course work. If so, remedial English (680-090) and remedial mathematics (760-040 and 760-041) must be satisfactorily completed before registering for courses beyond 30 credits.

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.

All exams must be taken no more than one month after enrolling in college level course work which is covered by the examination to be taken.

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.

VETERANS: The University is approved by the State of Wisconsin Educational Approval Board for Veterans. Veterans may receive four elective credits if they received an honorable discharge after six months or more of service. 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' Clerk in the Registrar's Office. Students meeting with the Veterans' Clerk 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 semesters 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 session and a 6-credit maximum for special students without credentials during the regular semesters. Students will be limited to 15 credits per semester 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. The maximum credit load for all students during the semester advance registration phase is 16 credits.

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.

SENIORS TAKING GRADUATE COURSES: 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 semester credits with at least 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.

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: Bachelor of Arts, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Music and Associate of Arts. Students may be awarded only one degree at any commencement.

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.

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 semester hours 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, general education and breadth, specific course, and diversity requirements with a UW-W 2.00 cumulative GPA. 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 an \$8 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 related 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 sessions (including summer), in which case they will be subject to the requirements in effect at the time of re-entry. Students may elect to satisfy any newer set of requirements provided they satisfy all of them. They may not choose to satisfy a portion under one Bulletin and a portion under another except in those cases where a new major or minor was added since publication of the Bulletin.

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) semester hours 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 close 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 uncovered during the graduation check. 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 semester 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. 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.

GRADUATION FEE: Each graduating student 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 student intends to graduate. The fee is published in the timetable. The diploma cost is part of the graduation fee. A duplicate copy of the diploma will be furnished 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 semesters. Students choosing to participate must attend the ceremony at the end of the semester in which their degree is granted and must wear a cap and gown at the ceremony. Students completing their degree during a summer session may participate in the preceding spring or the following winter commencement, but 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 semester and have earned 48 credits (counting the final semester 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.

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

1. Completion 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.

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 semester 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.

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.

TRANSCRIPT CHARGE: 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 University Seal, Registrar 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.

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

COURSE ENROLLMENT OPTIONS THE HONORS PROGRAM: The 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 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 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 a variety of social and cultural activities which will augment their formal educational experience. Field trips, special programs and social interaction with other talented and motivated students combine to provide the 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 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: 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:

Classification	Minimum Honors Credits
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 semesters without completing an honors course or an H-option contract. Part-time students in the Honors Program will have their progress monitored by the Honors Program Office.

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

Eligibility Requirements: Effective Fall 1993-94, entering freshman students are eligible to become members of the Honors Program if they have:

1. graduated in the top ten percent of their high school class
AND
attained a composite ACT score which ranks in the top twenty-five percent nationally (24 or greater);

OR

2. attained a composite ACT score which ranks in the top ten percent nationally (27 or greater) AND graduated in the top twenty-five percent of their high school class.

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

ADD/DROP

POLICIES AND PROCEDURES: Students who submit priority registration course requests may make changes to those requests by the Touch-Tone Telephone System (414-472-1000) until class schedules for all students per the date listed in the Timetable for each term. After students have been scheduled, adds, drops and grade basis changes will be accepted by the Touch-Tone Telephone System or STAR Systems. The times will be specified in the letter sent with the schedule of classes. Also, the times for the add/drop period are noted in the Timetable.

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 semester. 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 Session 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.
 - b. The student has not attended the first session of a course that meets once each week, or has not attended either of the first two sessions of a course that meets more frequently than once a week.
 - c.
 - d. 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 the course after the term has started are expected to attend the classes and will not be covered by this administrative drop policy. Also, this policy does not negate the responsibility of students for their schedule of classes. To avoid an "F" grade, students must immediately drop any course 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 semester 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.

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) semesters. Half-time students are eligible through a maximum of their first twenty-four (24) semesters. 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: A course may not be taken for credit more than once unless it is identified in the Bulletin as a course that may be repeated for credit. If it is 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 course in which a grade of D or F was previously earned may be repeated once. 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. All other repeat regulations apply.

If the first attempt was for a conventional grade (D or F received), the repeat must also be for a conventional grade. A repeat of an NC grade must be taken for a conventional grade. It counts as the second attempt under the repeat policy, and if it must be repeated again, subsequent attempts will be averaged with the grade from the second attempt.

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

Athletes should check with their coaches before repeating a course in which a grade of "D" was earned, because it may affect their eligibility. Students receiving veterans' benefits may not count in benefit level determination the repeat credits for a course in which a "D" was 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 new 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.
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:

1. The decision to audit must be finalized and recorded through the Touch-Tone Telephone or STAR systems by the tenth day of classes for 17-week courses and by the end of the second class day for shorter courses.
2. 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.
3. The audit course may be repeated for credit in another term.
4. 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 receive a withdrawal form to be signed by certain administrative offices. The following conditions apply:

1. If the withdrawal is initiated within the first ten class days of the
2. If the withdrawal is after the tenth day of classes in a semester 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.
3. 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 semester of eligibility will have been lost for financial aid.
4. If withdrawal is during the final fifteen class days of the semester (exam days included), the student will receive 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.
5. 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 unsatisfactory 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.

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, 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 semester grade point average falls below 1.0 for any semester.

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 semester will result in receiving a progression warning. Students will be suspended if they do not meet the standards of progress in any subsequent semester. Withdrawal from the University will not cause a progression warning in the term of withdrawal.

If placed on probation, students will not be allowed more than two consecutive semesters to remove themselves from probation, and they must earn at least a 2.00 semester GPA in the next semester of attendance or be academically dismissed. Students will be removed from probation at the end of any semester 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 semesters 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 semester grade point average falls below 1.0 in any semester, or if they do not earn a 2.00 semester GPA in the semester 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 Bulletin 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 Bulletin 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 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

UW-Whitewater, in accordance with State Statutes, Board of Regents Policy, Wisconsin Administrative Code, Faculty Legislation, and faculty-student committee action, has developed rules and regulations for the University community. The

Student Disciplinary Procedures describe situations in which the University may discipline students and defines the rules of due process which the University must follow. These procedures include identification of 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 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.

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

The Family Educational Rights and Privacy Act of 1974 is a Federal law which states (a) that a written institutional policy must be established and (b) that a statement of adopted procedures covering the privacy rights of students be made available. The law provide that the institution will maintain the confidentiality of student education records.

The University of Wisconsin-Whitewater accords all the rights under the law to students who are declared independent. No one outside the institution shall have access to nor will the institution disclose any information from students' education records without the written consent of students except to personnel within the institution, to officials of other institutions in which students wish to enroll, to persons (including parents who claim the student as an IRS deduction) or organizations providing financial aid, to accrediting agencies carrying out their accreditation function, the US census, to persons in compliance with a judicial order, and to persons in an emergency in order to protect the health or safety of students or other persons. All these exceptions are permitted under the Act.

Within the University of Wisconsin-Whitewater community, only those members, individually or collectively, acting in the students' educational interest, are allowed access to student education records. These members include personnel in the Offices of the Registrar, University Accounting, Student Affairs, Financial Aid, Admissions, and academic personnel within the limitations of their need to know.

At its discretion the Institution may provide Directory information in accordance with the provisions of the Act to include: student name, address, telephone number, place of birth, major field of study, dates of attendance, degrees and awards received, the most previous educational agency or institution attended by the student, participation in officially recognized activities and sports, and weight and height of members of athletic teams. Also, a portion of the student ID number may be used to post final grades. Students may withhold Directory information by notifying the Registrar in writing one week prior to the first day of classes for the fall semester. A request for non-disclosure will be honored by the institution for only one academic year; therefore, authorization to withhold Directory information must be filed annually in the Office of the Registrar. A second semester or summer request will be valid for that term only.

The law provides students with the right to inspect and review information contained in their education records, to challenge the contents of their education records, to have

a hearing if the outcome of the challenge is unsatisfactory, and to submit explanatory statements for inclusion in their files if they feel the decisions of the hearing panels to be unacceptable. The Office of the Assistant Chancellor for Student Affairs at the University of Wisconsin-Whitewater has been designated by the institution to coordinate the inspection and review procedures for student education records, which include admissions, personal, academic and financial files, and academic, cooperative education, and placement records. Students wishing to review their education records must make written requests to the Assistant Chancellor's Office listing the item or items of interest.

Only records covered by the Act will be made available within forty-five days of the request. Students may have copies of their records with certain exceptions (e.g. a copy of the academic record for which a University "hold" exists, or a transcript of an original or source document which exists elsewhere). These copies would be made at the student's expense at prevailing rates.

Education records do not include records of instructional, administrative, and educational personnel which are the sole possession of the maker and are not accessible or revealed to any individual except a temporary substitute, records of the law enforcement unit, student health records, employment records or alumni records. Health records, however, may be reviewed by physicians of the student's choosing.

Students may not inspect and review the following as outlined by the Act: financial information submitted by their parents; confidential letters and recommendations associated with admissions, employment or job placement, or honors to which they have waived their rights of inspection and review; or education records containing information about more than one student, in which case the institution will permit access only to that part of the record which pertains to the inquiring student. The institution is not required to permit students to inspect and review confidential letters and recommendations placed in their files prior to January 1, 1975, provided those letters were collected under established policies of confidentiality and were used only for the purposes for which they were collected. Students who believe that their education records contain information that is inaccurate or misleading, or is otherwise in violation of their privacy or other rights may discuss their problems informally with a staff member in the Office of the Assistant Chancellor for Student Affairs. If the decisions are in agreement with the students' requests, the appropriate records will be amended. If not, the students will be notified within a reasonable period of time that the records will not be amended; and they will be informed by the Assistant Chancellor's Office of their rights to a formal hearing. Student requests for a formal hearing must be made in writing to the Assistant Chancellor's Office, who, within a reasonable period of time after receiving such requests, will inform students of the date, place, and time of the hearing.

Students may present evidence relevant to the issues raised and may be assisted or represented at hearings by one or more persons of their choice, including attorneys, at the students' expense. The hearing panels which will adjudicate such challenges will be made up of individuals designated by the Assistant Chancellor for Student Affairs.

Decisions of the hearing panels will be final, will be based solely on the evidence presented at the hearing, will consist of written statements summarizing the evidence and stating the reasons for the decisions, and will be delivered to all parties concerned. The education records will be corrected or amended in accordance with the decisions of the hearing panels, if the decisions are in favor of the students. If the decisions are unsatisfactory to the students, the students may place with the education records statements commenting on the information in the records, or statements setting forth any reasons for disagreeing with the decisions of the hearing panels. The statements will be placed in the education records, maintained as part of the students' records, and released whenever the records in question are disclosed.

Students who believe that the adjudications of their challenges were unfair, or not in keeping with the provisions of the Act may request in writing, assistance from the Chancellor of the institution. Further, students who believe that their rights have been abridged, may file complaints with the Family Educational Rights and Privacy Act Office 9FERPA0, Department of Health, Education, and Welfare, Washington, D.C. 20201, concerning the alleged failures of the University of Wisconsin-Whitewater to comply with the Act.

Revisions and clarifications will be published as experience with the law and institution's policy warrants.

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.
 - c. 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.
 3. Instructors shall accept, at face value, the sincerity of students' religious beliefs.
 4. Student notification of instructors and requests for relief shall be kept confidential.
 5. 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 Assistant Vice Chancellor for Equal Opportunity (Room A2123, Phone 472-1181).

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 age 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 Assistant Vice Chancellor for Equal Opportunity (phone 414-472-4672). 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 Assistant Vice Chancellor 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.
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 (c) 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), 1004 Roseman Hall, (414) 472-4711.

INCLEMENT WEATHER

In the event of severe weather condition, 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 require that 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 appropriate college committee or by the Institution Review Board for the Protection of Human Subjects.

Research on regular and special education instructional strategies and research on the effectiveness of or comparison of instructional techniques, curricula, or classroom management methods are among the types of projects that may be handled by an expedited review process. For a complete listing of the types of research that may be handled by expedited review, see **THE MANUAL OF POLICIES AND PROCEDURES FOR PROTECTION OF HUMAN SUBJECTS**, which is available in the Graduate Office

CARE AND USE OF LABORATORY ANIMALS

All students involved in the care or use of vertebrate animals and all facilities used for such animals must operate within the guidelines of the **GUIDE FOR CARE AND USE OF LABORATORY ANIMALS**. Copies of the Guide and other pertinent materials may be obtained from the Graduate Office.

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.

Advisor. The advisor 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 requests and course adds, drops and grade basis changes.

Credit. The numerical reward 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. (See index)

Grade Point Average (GPA). (See index)

Honors. (See index).

I.D. Card. Students will frequently use their student identification card. The I.D. card will bear the name of the University, student name, student number, and picture. This card will be used during the entire time of attendance at UW-Whitewater and should be carried at all times as it entitles students to a number of special privileges and services.

Load. The total credits for which students are registered is their load. The normal undergraduate load is from 14-18 credits. Students may take fewer than 15 credits if they wish. 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. The University limits the credit load to 16 credits for all students during the advance registration phase.

Major. A major is 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. A prerequisite is the preliminary requirement which must be met before certain courses can be taken. Thus, 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.

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

Remedial Courses. Courses in English and mathematics to prepare students for college level course work.

Schedule. The schedule is a listing of the courses being taken each semester.

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

Semester Hour. A semester hour is generally a 50-minute period of recitation per week for a semester. A three-semester hour course would be one which meets for three 50-minute periods of recitation a week for a semester. 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 individual deviation from the stated requirements 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

<i>Campus Directory:</i>	472-1234
<i>Information Center:</i>	472-1170
<i>Ticket Center:</i>	472-2222
<i>FAX:</i>	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. Another timely way for students to find out what is happening is the "UC Weekly" newsletter, which is distributed every Monday.

Student organizations such as the University Center Activities Board, 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.

CAMPUS ACTIVITIES AND PROGRAMS (UC 264): Each week there is a variety of programs to attend or to be a part of the planning. These range from recreational events, entertainment and social activities, to educational experiences and cultural events.

Coordination of many of these events is the job of the Campus Activities and Programs (CAP) office. The staff also assists students and student groups by advising student organizations, coordinating room reservations, and sponsoring special programs such as Homecoming and the Campus Awards Reception.

The University Center Activities Board (UCAB) is the student programming board which develops, coordinates and produces events in the University Center. By working with one of the UCAB committees such as Comedy, Live Entertainment, Insights and Ideas, Special Events, or Public Relations, students can enhance their formal education by building skills and exploring new interests. Students who get involved with UCAB make a difference and affect the university community.

Other popular programs offered to students are the Emerging Leaders and Mosaïque Internship program. These opportunities promote a cooperative method of learning leadership skills.

THE RECREATION CENTER (UC 22): For a great place to meet new people and have fun with friends, visit the University Center Recreation Center (UC Rec Center). The Rec Center is located in the lower level of the south end of the University Center. A 10-lane bowling center, 8 full-sized pool tables, foosball, air hockey, electronic darts, and two dozen video and pinball games are featured in the Rec Center.

Intramural bowling and billiards leagues begin the fourth week of each semester. Bowling and billiards tournaments and weekly specials are held throughout the school year. Student groups and Residence Hall wings or floors can reserve the bowling center or billiards tables for parties by contacting the UC Recreation Advisor at 472-5681.

In addition, camping and canoeing equipment is available for rent from the UC Rec Center. Items include canoes, tents, sleeping bags, backpacks, lanterns, inner tubes, bike packs, cooking kits and more. Free maps and brochures from many of Wisconsin's counties and state parks are also available.

The UC Rec Center is open seven days a week during the regular school year. Call 472-1164 for information about rates, daily specials and open bowling hours.

CONVENIENCE STORE (UC 15): The Convenience Center is located next to the Information Center, and 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, and photo processing services.

THE CENTER GALLERY (*located next to the Credit Union*): The Center Gallery features diverse presentations of two and three-dimensional artwork from students, faculty, visiting artists, and traveling shows. The Center Gallery is open Monday through Friday during the academic year.

CREDIT UNION (UC 121): For banking needs, the University of Wisconsin Credit Union is located in the University Center. Services include checking accounts and TYME, savings and investments, student loans, consumer and home loans, Master and Visa cards, and electronic services.

ADULT RESOURCE CENTER (UC 3A/3B): The Adult Resource Center offers resources and programs on relationships, parenting, personal growth, men's and women's issues and much more. It's a friendly place to visit, meet others, and relax between classes.

CULTURAL ORGANIZATIONS (UC 122): Students can culturally enrich their lives through the Multicultural Education Center (MEC). The MEC sponsors a variety of speakers, films and events intended to enhance cultural awareness. Stop by and enjoy displays of different cultures and find out when the next event will be presented. In addition to the MEC, student organizations such as the Black Student Union (BSU), Latinos Unidos, Asian Student Association, Indonesian Student Association, Chinese Student Association, and the International Club, offer culturally enriching activities for the campus community.

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

The Commons features home-style hot luncheon entrees, made to order jumbo croissant sandwiches, homemade soups, and all-you-can-eat salad bar. *The Graham Street Cafe* offers fresh homemade bakery goods, cappuccino, made to order submarine sandwiches on freshly baked bread, and made-from-scratch soups. The Cafe also offers weekly specialty bars, salads and tempting dessert items ranging from specialty candies to malts and banana splits. *The Down Under* offers hot cheesy pizzas, gourmet burgers, chicken sandwiches, onion rings and other appetizers. A selection of imported beers and wine coolers are also offered. Live entertainment, a big-screen T.V., and a sports club atmosphere make the Down Under a fun place to hang out. *The Warhawk* is a favorite student hangout and features Burger King and Taco Bell serving grilled and Mexican favorites, as well as weekly value meals. Fresh bakery items are also available from Dunkin Donuts, and Baskin Robbins offers tasty frozen treats.

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

MEAL PLANS: Freshman and sophomore students living in University residence halls are required to participate in a food service meal plan. There are four basic plans to choose from: 19 meals per week, any 14 meals per week, any 10 meals per week or

any 5 meals per week. Students may also add on \$25.00 in points to any of these plans which can be used as cash in any of the dining halls.

The Center Point Plan gives the junior, senior or off-campus student a minimum of \$50.00 in points which can be used in any of the University Center restaurants (The Commons, Down Under, Graham Street Cafe, or The Warhawk.) As with the above points, these can be added throughout the semester, but must be used by the end of each semester. They do not carry over from one semester to another. Further information can be obtained from the ID/Meal Plan Office, UC 245, or by calling 472-1437, 8:00 am - 4:30 pm, Monday through Friday.

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.

RESIDENCE LIFE

FACILITIES The Office of Residence Life administers thirteen residence halls that can accommodate approximately 4,000 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, academic focus halls, and a "Healthy Lifestyle" floor. In addition, residents may choose from single rooms, double rooms, triple rooms and two and four-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 saunas, ice machines, game rooms and meeting rooms. All residence hall students are invited to use the computer labs in Wells and Drumlin Halls.

STAFF Each Residence Hall is administered by a Residence Hall Director who is a professional staff member with a Master's Degree in College Student Personnel, Counseling or a related field. The Hall Director works closely with an Assistant Hall Director who is a graduate student at UW-W with previous residence hall experience. A Resident Assistant (RA) lives on each wing and assists students with the residential living experience. Additionally, each complex will employ a Diversity Advocate to

assist minority students and to educate all residents about issues of diversity. 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 semesters.

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 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.

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 261; the telephone number is 472-1166, and the FAX number is 472-5097.

UNIVERSITY HEALTH AND COUNSELING SERVICES Ambrose Health Center Health Services 472-1300 Counseling Services 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, phone 472-5770, is available for all students. 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 (1300 or 1305) or University Police (4660). 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. This is especially important when there is a need for a psychiatric evaluation and/or follow-up since there is not a psychiatrist on the UHCS staff. Students with ANY personal concerns (adjustment to college, relationship issues, stress management, self-esteem, roommate problems, eating disorders, sexuality issues, 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, computer guidance systems, regular listings of job 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 placement services during their college years.

WOMEN'S CENTER

The Whitewater Women's Center is located in Salisbury Hall 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 9 a.m. to 8 p.m., Thursday from 9:00 a.m. to 6:00 p.m. and Friday from 9 a.m. to 4:30 p.m. Please contact the staff at 472-2798 with any questions about its resources or to reserve the facilities.

CHILDREN'S CENTER

The University offers high-quality preschool and school-age programs for children of students, faculty and staff ages 2-6 years during Spring and Fall Semesters and 2-12 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 - 1:30 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, (414) 472-1768.

INTERNATIONAL PROGRAMS

INTERNATIONAL STUDENTS The Director of International Programs provides individual and group counseling services and orientation, and assists international students with personal, academic, and financial problems as well as problems 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, Heritage Fair, UN Day, Host Family Program and International Week.

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

GENERAL GREEK ORGANIZATIONS

Fraternities. Nine general Greek fraternities maintain chapters on the Whitewater campus. Eight of these--Alpha Phi Alpha, Delta Chi, Kappa Alpha Pi, Lambda Chi Alpha, Omega Psi Phi, Phi Beta Sigma, Phi Sigma Kappa, 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.

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 and Zeta Sigma Chi are local sororities.

DISABLED STUDENT SERVICES

Roseman 1004 472-4711 (V/TT)

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 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.

INTERCOLLEGIATE ATHLETICS

MEN: 10 varsity sports . . . Member of Wisconsin State University 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: 11 varsity sports . . . Member of the Wisconsin Women's Intercollegiate Athletic Conference and 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, badminton, weight lifting 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 Warhawk 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 nominal weight room membership fee is required, and can be purchased through the Office of Recreation Sports and Facilities, Room 142 Williams Center. Call 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, inner tube water polo and floor hockey. Entry forms for these activities are available in the Intramural Office, Room 142 Williams Center. Call 472-1145 for further information.

SPORTS CLUBS

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 ice hockey, men's volleyball, lacrosse, tactics, bowling, rugby, hang gliding, billiards, karate, hobbies outdoor, martial arts and skiing. Contact the Club Sports Office, Room 142 Williams Center. Call 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, Latter Day

Saints Student Association, UW-W Gospel Choir, Foolish Wisdom Clown Troop, 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 April 15. Applications submitted after April 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.

Financial Aid Transcript (FAT) - Students must request a Financial Aid Transcript to be sent to UW-Whitewater from every post-secondary school that they have attended whether or not they received financial aid.

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.

Foreign Students:

Contact the Financial Aid Office for information and appropriate forms. All aid programs except the Foreign Student Grant Scholarship require U.S. citizenship or permanent residency. Students on foreign student visas (F-1's) are not eligible for federal or state funds.

OTHER IMPORTANT INFORMATION

CHANGE OF ADDRESS: All new students must notify the Admissions Office of a change of address. All continuing students must notify the Registrar's Office of a change of address. The Financial Aid Office relies upon those offices for accurate address information.

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

SUMMER SESSION: To apply for summer session financial aid, students must complete a Summer Session Application which is available in the Financial Aid Office. This is in addition to the FAFSA.

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 semester, and they will be informed at the end of the semester 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.

REVISION DEADLINES: The Financial Aid Office will not accept a request to revise a financial aid package after November 15 for fall semester or after April 15 for spring semester.

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

1995-96 ACADEMIC YEAR

*	Fees	\$2,400
*	Room & Board	2,800
**	Books, supplies	450
	Travel	650
	Personal expenses	1,300
	TOTAL	\$7,600

* Estimates of out-of-state tuition and independent students' expenses are available from financial aid counselors. ** 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	+ 800
TOTAL FAMILY CONTRIBUTION	\$1,600
Total UW-W Budget	\$7,600
Less Family Contribution	-1,600
TOTAL NEED	\$6,000

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

Federal Pell Grant	\$650
Wisconsin Higher Education Grant	400
Federal Supplemental Educational Opportunity Grant	600
Federal Perkins Loan	1,000
Federal Work-Study	1,000
Federal Stafford Loan	+ 2,350
TOTAL	\$6,000

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.

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 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 severely 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, 414-227-4942.

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 at the Bureau of Indian Affairs, in addition to the Free Application for Federal Student Aid (FAFSA).

NON-RESIDENT GRANT: These grants are available to out-of-state students enrolled full-time who exhibit scholastic excellence and demonstrate need. Incoming freshmen must rank in the top three-quarters of their class; upperclassmen must have a cumulative grade point average of 2.00 or better. These awards cover part of non-resident tuition expenses.

FOREIGN STUDENT SCHOLARSHIP: Each year UW-Whitewater's Admissions Office selects 20 new freshmen from foreign countries to receive scholarships. The awards are renewable for up to four years. The awards are based on scholastic excellence and financial need. Awards are made in the form of a partial waiver of non-resident tuition. Contact the Admissions Office, Baker Hall, 472-1440, for more information.

FOREIGN 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 and 3.00 for graduates. 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 DEAF/BLIND 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. 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 Military Science at UW-Madison any time from September 1 through December 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, Black, 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, 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.

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 six months after the student leaves school or graduates. Repayment is determined by federal regulations.

FEDERAL STAFFORD LOAN (Subsidized): The Federal Stafford Loan enables undergraduate and graduate students enrolled at least half-time to borrow directly from a bank, credit union, savings and loan association, or other participating lender. To be eligible, students must demonstrate financial need. Federal Stafford Loans are guaranteed by a guaranty agency. Great Lakes Higher Education Corporation is the primary guarantor in Wisconsin.

Undergraduate freshmen are limited to loans of \$2,625; sophomores (25-59.5 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 \$7,500 per year. Undergraduates are limited to a cumulative total of \$23,000 in Federal Stafford Loans, and there is a \$65,500 cumulative total for undergraduate and graduate study.

Federal Stafford Loans are interest-free until six months after graduation or the time the student leaves school. An insurance fee and an origination fee are assessed at the time the loan is made. Interest rates may vary from year to year and will be determined by the Federal Government. The interest rate cannot exceed 9%.

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.

FEDERAL PLUS LOAN: The Federal PLUS Loan program enables credit-worthy parents of dependent students to borrow. A Federal 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. Funds are borrowed from private lenders.

An insurance fee and an origination fee are assessed at the time the loan is made. Interest rates may vary from year to year and will be determined by the Federal Government. The interest rate cannot exceed 10%. Information regarding interest rates, deferments, and repayment terms is available from private lenders. Loans are co-payable to the parent and the school. Applications are available from lenders and the Financial Aid Office.

EMPLOYMENT

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

Financial Aid Refund/Repayment Policy: Financial Aid is awarded to students to cover direct costs charged by the University of Wisconsin-Whitewater and other related educational costs. Funds disbursed to students may exceed these costs when a student withdraws or drops classes during a semester or summer session. Fee Refunds of financial aid programs will be processed by the University of Wisconsin-Whitewater. Federal and state regulations require that a prorated portion of funds awarded 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 shall 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 disbursements until repayment is made in full.

Students who withdraw during the first semester, but plan to return spring semester, 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.

SCOLARSHIP 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 (414/472-1440) for information and/or a scholarship application. 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. 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 July 15 -- 14 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 is 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 March 1 -- six months before the effective date of the scholarship.

The US Army ROTC scholarship pays for tuition, laboratory fees, on-campus educational fees, and a flat rate of \$225 a semester 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.

NATIONAL GUARD AND ARMY RESERVE Qualified students can enlist in the National Guard or Army Reserve and receive a "New GI Bill" tuition assistance of \$190 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.

RESERVE OFFICER TRAINING CORPS (ROTC)

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 draw on the average over \$12,000 over a two year period. For additional information, contact the Department of Leadership and Military Science, Room 111, Salisbury Hall.

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 bulletin was prepared and are subject to change without notice.

**UNIVERSITY OF WISCONSIN-WHITEWATER
1995-96 SEMESTER FEE SCHEDULE**

UNDERGRADUATE

RESIDENT		NON-RESIDENT	
12.0 & over	1,237.10	12.0 & over	3,804.60
11.0	1,133.44	11.0	3,487.44
10.0	1,030.40	10.0	3,170.40
9.0	927.36	9.0	2,853.36
8.0	824.32	8.0	2,536.32
7.0	721.28	7.0	2,219.28
6.0	618.24	6.0	1,902.24
5.0	515.20	5.0	1,585.20

4.0	412.16	4.0	1,268.16
3.0	309.12	3.0	951.12
2.0	206.08	2.0	634.08
1.0	103.04	1.0	317.04
.5	51.52	.5	158.52

GRADUATE

9.0 & over	1,542.12	9.0 & over	4,656.12
8.0	1,370.72	8.0	4,138.72
7.0	1,199.38	7.0	3,621.38
6.0	1,028.04	6.0	3,104.04
5.0	856.70	5.0	2,586.70
4.0	685.36	4.0	2,069.36
3.0	514.02	3.0	1,552.02
2.0	342.68	2.0	1,034.68
1.0	171.34	1.0	517.34
.5	85.67	.5	258.67

SPECIAL GRADUATE BUSINESS FEES

9.0 & over	1,715.62	9.0 & over	4,829.62
8.0	1,524.80	8.0	4,292.80
7.0	1,334.20	7.0	3,756.20
6.0	1,143.60	6.0	3,219.60
5.0	953.00	5.0	2,683.00
4.0	762.40	4.0	2,146.40
3.0	571.80	3.0	1,609.80
2.0	381.20	2.0	1,073.20
1.0	190.60	1.0	536.60
.5	95.30	.5	268.30

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 semester.

Special Course Fees represent charges in addition to the regular instructional fee and tuition 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 semester in the Registration Handbook and 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. (Not available for summer session). 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 downpayment 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 semester.
 - 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 a \$20 administrative fee if fees are not paid in full during the registration fee payment process. An additional \$10 administrative fee (total \$30) will be assessed if fees are not paid in full by the end of the second week of school.

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

	Week of Session					
Session Length	Wk.1	Wk.2	Wk.3	Wk. 4	Thereafter	
12 wks. & over	100%	100%	50%	50%	None	None
8 wks. through 11 wks.	100%	50%	25%	None	None	None
5 wks. through 7 wks.	100%	50%	None	None	None	None
3 wks. through 4 wks.	100%	25%	None	None	None	None
2 weeks	100%	None	None	None	None	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, University Center, Lower Level.

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 University Cashier, University Center, Lower Level. Payments should be made payable to UW-Whitewater. Include the student's name, ID (social security) number, and purpose of payment such as "spring semester", 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 \$15.00 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 Family Education Loans (formerly Guaranteed Student Loans) including Stafford, SLS and PLUS 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 cannot be disbursed until the first day of classes or later and postcard notices will be sent to students when checks are ready for delivery. Students who have received notification and who have registered may pick up their checks at the University Cashier. Picture identification is required. 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

INFORMATION SYSTEMS AND OPERATIONS SERVICES

Information Systems and Operations Services develops, maintains, and implements computer systems that are needed for the University's administrative functions. University databases and standards 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.

LIBRARY SERVICES

Library Services provides a variety of print and non-print materials to meet the information needs of students and their faculty. Over 1.7 million items are in the

library collection, including over 356,000 books, 66,300 bound volumes of periodicals, 306,800 government publications, 993,000 microforms, and 7,300 audiovisual titles. The library subscribes to over 5,000 current periodicals and serials and a variety of electronic databases. Some of these are full text and full image databases such as UMI's Business Periodicals OnDisc which is housed locally and IAC's Expanded Academic Index ASAP which is accessed through Internet. The library's LAN can be remotely accessed by students located off campus. The library also provides easy Gopher and World Wide Web Access to Internet information resources throughout the world.

NETWORKING AND TELECOMMUNICATIONS SERVICES

Networking and Telecommunications plans, develops, maintains and implements programs and services that meet the needs of the University's requirements 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.

USER TRAINING AND SUPPORT SERVICES

User Training and Support Services provides a wide array of services to the campus. Among these are a Help Desk for computing support, computing desktop support, instructional technology support for classrooms and labs, lab support, software instruction and training, multimedia development, distance education, research computing consulting, satellite services, video services, office automation support, photographic services, graphics services, and PC hardware and software maintenance and support.

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 semester. Textbooks may be purchased from 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 and Art Slide Library, along with a collection of sheet music, in the Center of the Arts. 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.

CHICANO/LATINO STUDENT PROGRAMS

The primary functions of the Office of Chicano/Latino Student Programs are the recruitment, retention, and graduation of Latino students. The office strives to retain new and continuing Latino students by helping them develop their academic skills. The office is also engaged in developing and implementing both academic and cultural programs which contribute to students personal development, making the University more aware of Latino culture, and developing closer ties with the local Latino community.

Chicano/Latino Student Programs collaborates closely with other components of Academic Support Services as well as academic advising, Career Services and the Financial Aid Office as a means of monitoring Latino student needs. The goal is 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 Chicano/Latino Student Programs, 105 McCutchan Hall (472-1913).

EDUCATIONAL OPPORTUNITY PROGRAM

The Educational Opportunity Program (EOP) provides a wide range of services 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, EOP helps students to acquire the academic and personal survival skills they need to succeed at UW-Whitewater. EOP counselors offer academic, personal, financial aid, and career counseling and assist students to resolve problems that may hinder their academic progress. EOP involves faculty directly in its programs through the Faculty Early Warning System and the Mentor Program. Its student association provides social and cultural activities for students.

The EOP 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 Educational Opportunity Program, 118 McCutchan Hall (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 a number of activities, the purpose of which are to:

- enhance minority high school and college student's 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.

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: individual diagnostic assessments, one-to-one tutoring, small group study sessions, special testing accommodations, consultation with faculty and staff, and a summer high school to college transition program. 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 (472-3219) 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 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 Chicano/Latino Student Programs at (414) 472-1913 or the Assistant Director of Admissions-Minorities at (414) 472-1483.

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 Coordinator 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 offers, free of charge for students, diagnostic and therapeutic help with communication problems such as articulation, voice, hearing, language and stuttering. Complete hearing and hearing aid evaluations are available through the audiological facilities of the center. Faculty and children and

adults outside of the University are also served by the Center, which is located in room 1011 Roseman Building.

COMPUTER CENTER

The Computer Center, located in McGraw Hall, provides a full range of computing services to both academic and administrative users. An IBM ES/9000, a DEC Alpha 2100, and a VAX 4000-200 are used to provide interactive and batch services in support of instructional and research activities as well as access to the INTERNET. A wide variety of workstations is located throughout the campus including the residence halls. Professional academic computing staff and student consultants are available for programming and technical assistance to users. A library of application programs for use in many academic areas is available on both machines.

The Center operates microcomputer laboratories located in McGraw Hall consisting of Macintosh and IBM compatible microcomputers. The laboratories are a university resource in support of the instructional programs of all colleges.

No charges are assessed to students or faculty for course-related computing services.

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. 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 University Center, Campus Activities and Programs.

STUDENT ATHLETIC TRAINER ASSOCIATION

The University of Wisconsin-Whitewater Student Athletic Trainer Association (SATA) is an organization for anyone interested in learning more about athletic training and sports medicine. Membership in SATA is open to anyone expressing an interest in athletic training and sports medicine. This organization participates in a

variety of activities to extend the professional preparation of its members, attending professional conferences, viewing orthopedic surgery, visiting local rehabilitation facilities, and attending lectures of guest speakers. Contact the Intercollegiate Athletic Office if interested.

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, Whitewater Action Program, 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 261, 472-1166, for more information.

OFFICER EDUCATION

The completion of the Army ROTC Program - Leadership and Military Science 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 (lower level) 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 472-5786/472-1768.

UNIVERSITY SPIRIT PROGRAM

Cheerleaders and stuntmen support the athletic teams in action and promote campus spirit. The squad accompany the Warhawks to away games and performs 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, 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, 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 12 1/2 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 Center for Student Involvement and Leadership at 472-3191.

CULTURAL AFFAIRS

Cultural Affairs brings the best of the world's professional performers to Whitewater, from Bobby McFerrin to the Vienna Choir Boys, from Ballet Hispanico to the Milwaukee Symphony. Events are planned by the Cultural Affairs Committee, which is made up of students, faculty, and community members. Ten to twelve events are sponsored each year by Cultural Affairs.

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 472-4444.

In the past Cultural Affairs has presented such internationally renowned artists as Marcel Marceau, Joe Henderson, and Maynard Ferguson. Musicals such as "My Fair Lady," "Sugar Babies," and "Guys and Dolls" have appeared on the Whitewater stage. The list of performances Cultural Affairs has brought to Whitewater is lengthy and includes the Bill T. Jones/Arnie Zane Dance Company, Mummenschanz, the Indianapolis Ballet Theatre, the American Brass Quintet, PDQ Bach, and Sunday in the Park with George. 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 utilized 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.

EXHIBITIONS

The University's art gallery is a showcase for this campus. Shows of popular student appeal, as well as exhibits of statewide and even northern midwest significance, draw favorable media review. Some of the most experimental and pioneering work comes from UW-W and UW-System art majors and graduate students and from students at other universities throughout the country. Art faculty from throughout the UW-System exhibit on a regular basis. There is at least one international exhibit each year, which is the combined effort of two colleges on campus. Visit the Crossman Gallery as part of an ongoing education. Hours: Monday - Friday, 10 a.m. - 5 p.m. and 7 - 9 p.m.; Sunday, 1 - 5 p.m.

MUSIC ACTIVITIES

The Department of Music sponsors a wide variety of performing groups including Concert Choir, University Chorus, UW-W Repertory Singers, Swing Choir, Symphonic Band, Marching Band, Concert Band, the Jazz Lab Bands, Percussion Ensemble, Flute Choir, Clarinet Choir, Sax Choir, Early Music Ensemble, Brass Choir and other smaller ensembles. These groups as well as all others 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. 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 an Orchesis (dance) production. 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 student's lives.

UNIVERSITY POLICE

The UW-Whitewater Campus 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 nine non-sworn employees.

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 it 24 hours a day, seven days a week, on the first floor Goodhue Hall, located behind the Bookstore, or by phoning 472-4660. 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 RELATIONS

The Office of University Relations includes the UW-Whitewater National Alumni Association, the UW-Whitewater Foundation, and the Office of News and Public Affairs. University Relations 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 8,777 master's degrees. It is presently the fourth largest graduate school in the UW System with 1,651 students enrolled during the fall of 1994.

Master's degree programs are available in accounting, business administration, business education, communication, curriculum and instruction, educational administration, guidance and counseling, music education, office 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 semester 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. 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 semester.

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 1994-95 academic year was \$6,850. The award amount for subsequent years is contingent upon funding being appropriated from the Wisconsin State Legislature, and is subject to change. 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 semester 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 session if the student received at least 2/3 of a full assistantship award for the preceding spring semester.

New students and students currently taking courses as non-candidates for degree must complete and return both an application for admission to a degree program and an application 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. Recipients will be notified in writing and issued an employment contract as early as possible.

For information contact the Office of Continuing Education and Graduate Studies, Roseman Building, UW-Whitewater, Whitewater, WI 53190-1790, telephone (414) 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 1994-95 academic year was \$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 (414) 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 and Military Science, Room 111, Salisbury Hall.

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 (414) 472-1003.

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 (414) 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 (414) 472-1003.

TRAVEL STUDY PROGRAMS:

These travel programs, are usually short term (2-4 weeks in length) and are directed by members of the University faculty. 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 (414) 472-1003.

SUMMER SCHOOL:

A twelve-week Summer School 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 school call (414) 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 414-472-3165.

RADIO STATION:

WSUW-FM (91.7 on the dial) is a 1300 watt radio station operated by the University. The radio station serves as a laboratory for on-campus radio courses, a vehicle of public service to the community, a medium of information, and a source of entertainment.

MEDIA BASED EDUCATION

EDUCATIONAL TELECONFERENCE NETWORK (ETN) OF UW-EXTENSION:

The Educational Teleconference Network (ETN) provides a system of two-way audio communication for credit and non-credit courses, available at approximately 185 listening stations in Wisconsin. An ETN listening station is located in Roseman Building on the UW-Whitewater campus. In addition, each county in the state has two or three listening stations within a convenient distance from a student's home. A wide variety of professions accept ETN programs for certification or recertification requirements. The Teleconference Times, a semester schedule of ETN statewide offerings, describes credit and noncredit courses, and is available by writing to Continuing Education Services, Roseman 2005, or by calling (414) 472-3165.

UNIVERSITY DEGREE REQUIREMENTS

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

- Proficiency

- General Education

- Diversity

- College or degree or licensure (or a combination thereof)

- Major with a 2.00 GPA

Writing Proficiency in the major

Minor with a 2.00 GPA (a minor is mandatory for some major/degree programs and optional for others)

One hundred twenty credits (120) credits

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, PROFICIENCY, 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 Proficiency, 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. Proficiency and 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 Bulletin.

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.

Proficiency courses do not count as part of the 38-credit General Education requirement.

IMPLEMENTATION DATES

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 (see transfer information section).

PROFICIENCY REQUIREMENTS:

12 credits or appropriate waivers. If remedial work in English 090, Math 040 or 041 is required, it must be completed before enrolling in the related proficiency course. Both remedial and proficiency courses may be taken on an S/NC grade basis.

GENERAL EDUCATION DISTRIBUTION REQUIREMENTS:

38 credits. No more than two courses may be elected from a discipline.

There are two components to the distribution requirements:

1. 18 Credit Core: The core is composed of six required courses which will introduce students to essential knowledge and to connections across disciplines. The first five courses should be completed in the first two years:

The U.S. Experience in the World Context Global Perspectives

The Individual and Society

The World of the Arts

Science and Technology in Society

The sixth course, "The World of Ideas," is intended as a junior level course.

2. 20 Credits of Breadth Electives: Breadth electives provide students with an educational base, while allowing them to tailor general education to their own interests and goals. Courses selected for these electives must be designated as General Education Courses in the course description.

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 at UW-W.

PROFICIENCY REQUIREMENTS:

12 credits or appropriate waivers required.

English 680-101	Freshman English	3 credits or credits by exam
English 680-102	Freshman English	3
credits		

Speech 166-110	Fundamentals of Speech	3 credits or waiver
Math 760-140	Mathematical Ideas	3 credits
or 760-141	Intermediate Algebra	waiver

(Math 760-140 is intended only for students who will not have to take additional math for their major, minor, or degree requirements.)

GENERAL EDUCATION REQUIREMENTS:

38 credits required. No more than two courses may be elected from a discipline. This restriction does not apply to foreign language. Courses of the same discipline cannot be used to fulfill more than one area of General Education. Retroactive foreign language credits do not count in General Education.

CORE - 18 credits

1. Core requirement - six 3-credit courses (cannot be taken for satisfactory/no credit grade basis)

a. ARTS	100-105	World of the Arts
b. HIST	740-105	U.S. World Context
c. GNAC	600-105	Science & Technology in Society
d. PSYC	840-105	Individual and Society
SOC	880-105	(only one of these courses may be taken)
WMST	890-105	(only one of these courses may be taken)
ANTH	892-105	
e. ECON	230-105	Global Perspectives
GEOG	722-105	(only one of these courses may be taken)
PSCI	820-105	(only one of these courses may be taken)
f. GNAC	600-390	World of Ideas

2. *BREADTH ELECTIVES - 20 credits*

Laboratory Science - 5 credits

Select a five-credit laboratory science course from Astronomy, Biology, Chemistry, Geology, Physical Geography or Physics.

Social Sciences - 3-9 credits

Elected from the following: Anthropology, Economics, Geography, Political Science, Psychology, or Sociology.

Personal Health and Fitness - 1-2 credits

HPRC 440-192, Personal Health and Fitness for Life, and 0-1 credit from courses designated as Physical Education.

Arts - 0-6 credits

Elected from Art, Dance, Music or Theatre.

Humanities - 0-9 credits

Elected from the following: English Literature, Foreign Languages, History, Philosophy, Religious Studies or Speech.

Natural Sciences/Mathematics - 0-7 credits

Elected from Astronomy, Biology, Chemistry, Computer Science, Geology, Mathematics, Physical Geography, or Physics.

Ethnic or Women's Studies - 0-9 credits

Elected from Race and Ethnic Cultures or Women's Studies.

Interdisciplinary - 0-6 credits

Elected from Liberal Arts or Liberal Arts/Professional Interdisciplinary Courses.

GENERAL EDUCATION TOTAL - 38 credits

English Placement Test: All entering students except those who have been granted credit at UW-Whitewater for English 101 or who have scored a 22 or above on the enhanced ACT English sub-test (SAT verbal 470 or above) are required to take an English Placement Test prior to registration for their first semester to determine their skills in reading and writing.

The test results will help the English Department determine the proper placement of students in English courses. Some students may be required to take English 090 before being admitted to English 101. Superior students may be eligible to apply for credit by examination for English 101.

WAIVER OF SPEECH:

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.

WAIVER OF MATHEMATICS 760-141 is granted if any one of the following four conditions is met:

1. ACT Math subscore of 24 or above.
2. SAT Math subscore of 535 or above.
3. Combined score of 612 or more on sections A and B of the University of Wisconsin Mathematics Placement Test.
4. Combined score of 590 or more on sections B and C of the University of Wisconsin Mathematics Placement Test.

Mathematics Placement Test. All entering students except those who have been granted credit at UW-Whitewater for the math 141 or who have taken the ACT test and scored an ACT Math subscore of 24 or above (SAT Math - 535 or more) are required to take the University of Wisconsin Mathematics Placement Test prior to registration for their first semester. If the test scores are low, students will be required to take the Arithmetic Skills Test to determine if they must take remedial mathematics 760-040 and/or 760-041. Waiver of any course does not reduce the total number of credits required for graduation.

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 have satisfied that proficiency requirement.

GENERAL STUDIES REQUIREMENTS: 31 credits for students not required to meet the new General Education requirements as defined earlier.

2-4 credits -Arts. Elected from art, music, theatre and dance***.

6-9 credits -Humanities**. Elected from at least two of the following areas: foreign languages, history, literature, philosophy, religious studies, selected speech communication courses.

5-10 credits -Natural Sciences and Mathematics***. To include a 5 credit laboratory science course elected from astronomy, biology, chemistry, geology, physical geography, physics and 0-5 credits elected from astronomy, biology, chemistry, geology, mathematics and physics.

9-12 credits -The Social Sciences***. Elected from at least three of the following: anthropology, economics, geography, political science, psychology, and sociology.

1-2 credits -Physical Education/Dance/Leadership and Military Science***.

0-6 credits -Race and Ethnic Cultures or Women's Studies.

0-6 credits -Liberal Arts or Liberal Arts/Professional Interdisciplinary Courses.

Minimum totals must be met in each of the above areas; no more than the maximums will count toward the required 31 credit total.

** Only foreign language credits earned in a college course may count toward General Studies.

*** Courses of the same discipline can satisfy only one area of General Studies. Therefore dance courses cannot be used in both the arts and the physical education areas and geography cannot be used in both the natural and the social science areas.

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).

ARTS

100-105 World of the Arts

ART

110-102 2-Dimensional Design

110-103 3-Dimensional Design

110-121 Basic Art

110-201 Drawing 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

150-242 Introduction to Music Literature (2)

150-244 Native American Music

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

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
680-274 Creative Writing
680-281 Introduction to Language Study

SPEECH

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

FOREIGN LANGUAGES

General

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 Advance Spanish Language Study
686-322 Advance Spanish Language Study

GENERAL ACADEMIC

600-390 World of Ideas

HISTORY

740-105 U.S. in World Context
740-120 Modern Black American History
740-124 American History
740-130 The East Asian Tradition
740-131 East Asia Since 1800
740-140 Intro. Latin American History
740-154 Western Civilization
740-155 History of Modern Europe
740-300 American Colonial History to 1763
740-304 The Age of Civil War and
Reconstruction 1850-1877
740-307 Recent America, 1945 to Present
740-315 Women in American History
740-340 Introduction to African History
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
782-251 Logic
782-261 Introduction to Ethics
782-271 Introduction to Aesthetics
782-281 Social Philosophy
782-291 Philosophy of the Natural and Social Sciences
782-300 Epistemology and Metaphysics
782-341 Classical Philosophy
782-342 Modern Philosophy
782-343 American Philosophy
782-345 Contemporary Philosophy

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)

ASTRONOMY

805-114 Descriptive Astronomy

BIOLOGY

630-214 Ecology and Man

630-230 Human Sexuality (1)

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

COMPUTER SCIENCE

765-161 Introduction to Computers

765-162 Computer Applications

765-171 Introduction to Programming

GENERAL ACADEMIC

600-105 Science & Technology in Society

GEOLOGY

616-204 Historical Geology

616-300 Principles of Oceanography

PHYSICS

800-210 Descriptive Physics

800-240 Physics of Sound and Music

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)

SOCIAL SCIENCES

ANTHROPOLOGY

892-105 Individual and Society

892-110 Introductory Anthropology

892-218 Cultural Anthropology

892-228 Anthropology of Religion

892-230 Traditional Societies in Change

892-334 Women in Cross-Cultural Perspective

ECONOMICS

230-105 Global Perspectives - Economics
230-211 Economic Principles, Problems and Policies
230-212 Economic Principles, Problems and Policies

GEOGRAPHY

722-105 Global Perspectives - Geography
722-250 Geography of Wisconsin
722-252 Human Environmental Problems
722-261 Geography of Canada and the United States of America

POLITICAL SCIENCE

820-105 Global Perspectives - 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
840-105 Individual and Society
840-202 Psychology of Women
840-211 Introductory Psychology

SOCIOLOGY

880-105 Individual and Society
880-250 Social Problems
880-252 Marriage and the Family
880-265 Race Relations
880-270 African American Community
880-276 Introduction to Criminology

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

WOMEN'S STUDIES

890-105 Individual and Society

PHYSICAL EDUCATION

HEALTH, PHYSICAL EDUCATION, RECREATION AND COACHING

- 440-192 Personal Health and Fitness for Life (1)
- 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)
- 440-145 Beginning Square Dance (1/2)
- 440-147 Beginning Social Dance (Latin & Midwestern) (1/2)
- 440-150 Swimming I (Beginning) (1/2)
- 440-151 Swimming II (Intermediate) (1/2)
- 440-152 Swimming III (Advanced Intermediate) (1/2)
- 440-155 Beginning Aqua Aerobics (1/2)
- 440-157 Swimming IV (Life Saving) (1)
- 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 ìCheck-Out Divesî (1)
- 440-183 Exercise walking (1/2)
- 440-185 Beginning Mountaineering/Rappelling (1/2)

440-186 Beginning Orienteering (1/2)
440-187 Military Conditioning I (1/2)
440-190 Swim For Fitness (1/2)
442-251 Water Safety Instructor Training
442-291 Lifeguard Training (2)

LEADERSHIP AND MILITARY SCIENCE

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

AFRO AMERICAN STUDIES

614-100 Introduction to Black Culture
614-120 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

100-215 The Fine Arts in Western Culture
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 (*).

AFRO-AMERICAN STUDIES

614-100 Introduction to Black Culture

614-120 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 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

615-480 Mexican Literature in Translation

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 United States

680-345 Afro-American Literature, 1800 to Present

680-368 American Minority Women Writers

680-369* Multicultural Drama of the United States

GEOGRAPHY

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

HISTORY

740-120 Modern Black American History

740-420* The History of Black America

740-424* 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

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

THEATRE

133-369* Multicultural Drama of the United States

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 are listed on these pages. Each degree is composed of a package of courses which include the Proficiency, 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 in the major and the minor; however, many programs require substantially higher grade point averages for admission to and graduation from the program. Each of these is detailed in the college and department sections.

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
Medical Technology
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 DES - BFA

ART EDUCATION - BSE

BIOLOGY

GENERAL BIOLOGY - BA/BS/BSE
CELL/PHYSIOLOGY - BA/BS/BSE
ECOLOGY/FIELD - BA/BS/BSE

BUSINESS EDUCATION

BUSINESS ED - BSE
COMPREHENSIVE - BSE
MKTG ED COMPREHENSIVE - BSE

CHEMISTRY

CHEMISTRY - BA/BS
CHEMISTRY - EDUCATION BSE

COMMUNICATIVE DISORDERS

COMMUNICATIVE DIS EDUC - BSE
COMMUNICATIVE DISORDERS - BA/BS

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

LAW - 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

QUANTITATIVE/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

SAFETY - BBA

INDIVIDUALLY DESIGNED

WITH A MINOR (L&S) - BA/BS

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

WITH A MINOR (ARTS) - BA

WITHOUT A MINOR (ARTS) BA

INTERNATIONAL STUDIES - BA/BS
JOURNALISM

BROADCAST - BA/BS/BSE
PRINT - BA/BS/BSE

MANAGEMENT - BBA
MANAGEMENT COMPUTER SYSTEMS

MGNT COMPUTER SYSTEM - BBA
WITH A MINOR - BS
WITHOUT A MINOR - BS

MARKETING - BBA

MATHEMATICS

MATHEMATICS - BA/BS
MATHEMATICS EDUCATION - BSE

MUSIC

MUSIC BA - BA
MUSIC ED COMBINED - BM/BSE
MUSIC ED INSTRUMENTAL - BM/BSE
MUSIC ED VOCAL - BM/BSE
PERFORMANCE - BM
THEORY/HISTORY - BM

OCCUPATIONAL SAFETY - BSE

OFFICE SYSTEMS - BBA

PHYSICAL EDUCATION

K-8 - 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 EDUC - BSE

PRODUCTION OPERATIONS MGNT - BBA
PSYCHOLOGY

PSYCHOLOGY - BA/BS
PSYCHOLOGY EDUCATION - BSE

PUBLIC POLICY & ADMIN - 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
POL SCI OPT I - BSE
POL SCI OPT II - BSE
PSYCH OPTION I - BSE
PSYCH OPTION II - BSE
SOCIOLOGY OPTION I - BSE
SOCIOLOGY OPTION II - BSE

SOCIAL WORK - BA/BS
SOCIOLOGY

SOCIOLOGY - BA/BS
SOCIOLOGY EDUCATION - BSE

SPANISH - BA/BS/BSE
SPECIAL EDUCATION

EARLY CHILDHOOD - BSE
EMOTIONL/BEH DISORDERS K-9 - BSE
EMOTIONL/BEH DISORDERS 6-12 - BSE
LEARNING DISABLD K-9 - BSE
LEARNING DISABLD 6-12 - BSE
MENTAL RETARDATION ELEMTRY - BSE

MENTAL RETARDATION SECDRY - BSE
MENTAL RETARDTN SEV/PROFN - BSE

SPEECH

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

ART

ART
ART HISTORY
ART STUDIO

ARTS MANAGEMENT

ARTS MERCHANDISING

ASIAN STUDIES

BILINGUAL/BICULTURAL

BIOLOGY

BIOLOGY
BIOLOGY EDUCATION

BUSINESS STUDIES

ACCOUNTING
ADMINISTRATIVE ASSOC
BUSINESS LAW
FINANCE AND REAL ESTATE
GENERAL BUSINESS
MANAGEMENT GENERAL
MANAGEMENT HUMAN RESOURCE
MANAGEMENT PRODUCTION
MARKETING
OFFICE SYSTEMS

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

HEALTH

HEALTH
HEALTH EDUCATION

HISTORY

HISTORY
HISTORY-ELEMENTARY
HISTORY-SECONDARY

INDIVIDUALIZED (L&S)

INDIVIDUALIZED (ARTS)

JOURNALISM

LEADERSHIP & MILITARY SCIENCE

LIBRARY-MEDIA

K-12
PUBLIC-SPECIAL

MATHEMATICS

MATHEMATICS
MATHEMATICS-ELEMENTARY
MATHEMATICS-SECONDARY

MUSIC

PHILOSOPHY

PHILOSOPHY
PHILOSOPHY EDUCATION

PHYSICAL EDUCATION

ELEMENTARY EDUCATION
LETTERS AND SCIENCES
SECONDARY EDUCATION

PHYSICS

PHYSICS
SECONDARY EDUCATION

POLITICAL SCIENCE

POLITICAL SCIENCE
SECONDARY EDUCATION

PSYCHOLOGY

BUSINESS
PSYCHOLOGY
SECONDARY EDUCATION

PUBLIC ADMINISTRATION

RACE & 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

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 subject area and subdiscipline within that area. The second set of three numbers refers to the specific course within the subject area. 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 not open to graduate students for credit. 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 term 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 small groups 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 Bulletin 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.

sem - semester

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 is 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 identification 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.

Subject Area (Alphabetical)

Name	Number
Accounting	210
Afro-American Studies	614

American Indian Studies	611
Anthropology	892
Art	110-5
Arts and Communication	100
Astronomy	805
Biological Sciences	630
Business Education and Office Systems	220
Chemistry	640
Chicano Studies	615
Communicative Disorders	510
Computer Science	765
Counselor Education	490
Curriculum and Instruction	430-9
Dance	131
Developmental Studies	930
Economics	230
Education	400
Educational Foundations	420-9
English	680
Finance and Business Law	240
Foreign Language General	681
French	682
Geography	722
Geology	616
German	684

Health, Physical Education, Recreation & Coaching	440-9
History	740
Interdisciplinary Studies	940
International Studies	617
Intrauniversity Courses	900
Journalism	164
Leadership & Military Science	450
Letters & Sciences-General Division	600
Management	250
Management Computer Systems	950
Marketing	260
Mathematics	760
Modern Languages and Literatures	680-4
Music	150
Philosophy	782
Physics	800
Political Science	820
Psychology	840
Religious Studies	786
Safety Studies	460-9
Social Work	860
Sociology	880
Spanish	686
Special Education	480-9
Speech	166

Theatre	133
Women's Studies	890

Subject Area (Numeric)

Number Name

100	Arts and Communications
110-5	Art
150	Music
131	Dance
133	Theatre
164	Journalism
166	Speech
210	Accounting
220	Business Education & Office Systems
230	Economics
240	Finance and Business law
250	Management
260	Marketing
420-9	Educational Foundations
430-9	Curriculum and Instructions
440-9	Health, Physical Education, Recreation & Coaching
450	Leadership and Military Science
460-9	Safety Studies
480-9	Special Education
490	Counselor Education

510 Communicative Disorders
600 General Division - L & S
610 Race and Ethnic Cultures
611 American Indian Studies
614 Afro-American Studies
615 Chicano Studies
616 Geology
617 International Studies
630 Biology
640 Chemistry
680 English
681 Foreign Language - General
682 French
684 German
686 Spanish
722 Geography
740 History
760 Mathematics
765 Computer Science
782 Philosophy
786 Religious Studies
800 Physics
805 Astronomy
820 Political Science
840 Psychology

860	Social Work
880	Sociology
890	Women's Studies
892	Anthropology
900	Intrauniversity Courses
930	Developmental Studies
940	Interdisciplinary Studies
950	Management Computer Systems

COLLEGE OF ARTS AND COMMUNICATION

Karen Boubel, Dean

Patricia Townsend, Associate Dean

DEPARTMENT CHAIRPERSONS

Art

Amy Arntson

Communication (Journalism and Speech)

Richard Haven

Music

Lowell Youngs

Theatre and Dance

Tom Colwin

The College of Arts and Communication offers opportunities for expanding your creative talents and aesthetic awareness and developing your 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.

You 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. Your involvements in the arts and communication fields will enrich your total college life.

If you choose to take courses in the arts and communication, you will be encouraged to discover and talents. Your work with faculty will enable you to reach creative and analytical goals and to develop the perceptions, production skills and reflective dispositions which characterize professionals in your 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, a photography lab 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, shops and rehearsal rooms for artists, dancers, musicians, actors and theatre technicians. The Crossman Gallery, the Barnett and Experimental Theatres, and the Recital Hall provide beautiful settings for your exhibition, theatre performance, dance, or music concert. 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 1200 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 others. Majors are available in: art (studio, graphics, art history), art education, journalism (print and broadcast), music, music education, speech communication (public relations, electronic media,

organizational and public communication), and theatre, and theatre education. For students who career preparation cannot be met in a single department in the college, an individually designed major or minor is available. Other minors are: art, art history, art studio, arts management, arts merchandising, dance, journalism, music, speech communication, speech elementary, speech secondary, speech public relations, 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 you may 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.

Society for Professional Journalists provides opportunities for interacting with practicing journalists and being introduced to the issues which the media confront.

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 semester. It is open to all students with previous band experience.

The Warhawk Marching Band provides entertainment for all home football games and usually makes one trip per year. 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.

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.

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 semester. 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 Brass Choir, Flute 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 try-outs.

The University Players offer extracurricular experience in theatre and fellowship for all students interested in theatre production. Members direct dinner theatre 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 try-out 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.

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.

COLLEGE DEGREE REQUIREMENTS

BACHELOR OF ARTS (BA)

BACHELOR OF FINE ARTS (BFA)

BACHELOR OF MUSIC (BM)
BACHELOR OF SCIENCE (BS)

You 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. To be eligible to graduate as an Art, Music or Theatre major, you must have a minimum grade point of 2.5 in the upper level courses within your major. A 2.00 cumulative GPA is required to declare the Speech Communication 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, you must have a grade point of 2.00. Successful completion of a minimum of one hundred twenty (120) credits in the following areas is required:

College Degree Requirements For Students Enrolling From 1994

All new freshmen entering from the Summer of 1994 forward must complete the following degree requirements:

BFA and BM Degrees

All students must complete at least 2 credits outside the department in the arts or communication in addition to the 3 credit World of the Arts course. It is advisable to first take The World of the Arts core course. The 2 credits are not limited to general studies courses; any other arts or communication courses would be eligible, including ensembles, practica, etc.

BS Degree in the Communication Department

Within the general education selections, students will be required to take a minimum of 15 credits under Natural Sciences/Mathematics. (A range of 8-15 is allowed)

BA Degree in All Four Departments

All students must complete at least 2 credits outside the department in the arts or communication in addition to the 3 credit World of the Arts course. It is advisable to first take The World of the Arts course. The 2 credits are not limited to general education courses; any other arts or communication courses would be eligible, including ensembles, practica, etc.

Also, within the selection of general education courses, each B.A. student must choose a minimum of 12 credits in the Humanities. (A range of 6-15 credits is allowed)

College Degree Requirements Prior to 1994 for Art, Music and Theatre

University Proficiency

General Studies

Diversity and Writing Proficiency

College/Major (and minor if required):

All students must complete 4 credits in at least two of the arts areas outside the major, or 2 credits in one of the arts areas outside the major and the course 100-215 Fine Arts in Western Culture. One history course must also be selected from 740-130, 740-131, 740-154, 740-155 or 740-340.

Students in the BA degree must complete a minimum of 70 credits outside the major.

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, you will be free to plan with your adviser a program best suited to your needs and interests. If you meet the prerequisites stated by the respective departments, you are free to choose your elective courses from any college in the university.

College Degree Requirements for Communication Majors Prior to 1994

Journalism and Speech Communication majors must meet the Letters and Sciences degree requirements that were in place prior to 1994.

INTERDEPARTMENTAL

ARTS MANAGEMENT MINOR

MINOR - 24 CREDITS

1. THTR 133-307
2. SELECT 1 CRED FROM COURSES
ARTS 100-200 OR THTR 133-207
3. ARTS 100-494
4. ACTG 210-244, MGNT 250-301 AND 250-320
5. SPCH 166-202 AND 166-203
6. SELECT 3 CRED FROM COURSES
 - ARTS 100-493, ART 110-180, 110-387,
 - THTR 133-360, ACTG 210-249,
 - B ED 220-353, MGNT 250-486,
 - MKTG 260-311, SPCH 166-307 AND 166-402
7. 2.50 CUM GPA REQUIRED FOR BUSINESS COURSES

ARTS MERCHANDISING MINOR

MINOR - 24 CREDITS

1. ARTS 100-200 AND THTR 133-307
2. ARTS 100-492
3. ARTS 100-494
4. ACTG 210-244, MKTG 260-311 AND 260-337
5. SPCH 166-202
6. SELECT 4 CRED FROM COURSES
 - ARTS 100-493, ART 110-180,
 - THTR 133-207, MUSC 150-361,
 - B ED 220-348, 220-361, 220-363, 220-364,
 - MGNT 250-385, MKTG 260-350, SPCH 166-203
7. 2.50 CUM GPA REQUIRED FOR BUSINESS COURSES

INDIVIDUALLY DESIGNED MAJOR

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. Since 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 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.

MAJOR - 40 CREDITS

1. SELECT 40 CREDITS IN CONSULTATION WITH YOUR ADVISER. INCLUDE NO MORE THAN 24 CREDITS FROM ANY ONE DEPARTMENT.

AN APPROVED 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 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 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 semesters of study. Your program 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 from the Individualized Major/Minor Committee.

Under either Option I or II you may count at most 24 credits from any one department for fulfillment of total degree requirements. The Individualized Major/Minor Committee will carefully review a student's 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 you have definite educational goals which cannot be met by any of the existing minors, you may design an individualized minor consisting of at least 24 credits in areas related to your goals. Your goals should be clearly stated and the courses which you include in your minor should be related to those goals. However, these courses do not have to be in areas related to your major. Each minor is approached on an individual student basis. You 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 your proposed individualized minor must be approved by your major department. If fifteen or more credits of your minor are to be taken in any one department of the College of Arts and Communication, your proposed minor shall be approved by that department as well as your 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 your college career, preferably before your junior year. At least 12 credits of the courses proposed for your minor must be earned after your plan is approved. Any subsequent changes in your minor must be approved by the Individualized Major/Minor Committee.

The responsibility for certifying that you have met the requirements of your minor rests with the Associate Dean of the College of Arts and Communication.

ARTS AND COMMUNICATION - GENERAL

100-105 WORLD OF THE ARTS--GA/Core--3 cr

World of the Arts is a course which exposes the 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.

100-200 ARTS MANAGEMENT PRACTICUM --1-2 cr

Participation in one or more areas of arts management including ticket office, house control, printing, publicity and public relations. Repeatable for a maximum of 4 credits.

100-215 THE FINE ARTS IN WEATERN CULTURE--GI--3 cr

A team-taught course designed to study the interrelationships of Art, Music, Theatre and Dance in the Western world. The emphasis is on the importance of the fine arts in society, and their similarities and differences in both style and content.

100-307 INTRODUCTION TO ARTS MANAGEMENT--3 cr

A study of duties and requirements of arts management as it relates to the various arts areas. Areas of study include administration, programming, promotion, fund raising and employee relationships. Projects and individualized assignments will be geared to the student's specific area needs. This course serves as the introductory course to the Arts Management and Arts Merchandising minors. Offered even-numbered springs.

Unreq: 133-307.

100-399 CAREER INFORMATION IN ARTS AND COMMUNICATION & LETTERS AND SCIENCES -- 1 cr

Offered on a satisfactory/no credit basis only. Career information specifically for College of Arts and Communication and College of Letters and Sciences majors, focusing on self-analysis in preparation for the job search, resume-writing and interviewing. Particular attention will be given to career opportunities, the value of the degree program and possibilities for graduate study.

Prereq: Sophomore standing. Unreq: 600-399.

100-492 FIELD STUDY IN ARTS MERCHANDISING--1-6 cr

Off campus investigation and study with designated arts related companies and individuals. Repeatable to a maximum of six credits.

Prereq: 100-307.

100-493 ARTS MANAGEMENT/MERCHANDISING INTERNSHIP--2-6 cr

In cooperation with a designated arts related company and with previously established guidelines, participation in the management and/or merchandising activities of an arts related operation.

Prereq: 100-307.

100-494 SEMINAR--1-3 cr

Group activity. An advanced course of study in a defined subject matter area emphasizing small groups in intense study with a faculty member. Offered odd-numbered falls.

100-496 SPECIAL STUDY IN THE ARTS--1-3 cr

A course designed to give students an opportunity to pursue special integrated topics in the arts which are not regularly included in the curriculum. Courses will be developed on the basis of need, interest and/or timeliness.

Repeatable four times for a maximum of 9 credits in degree.

DEPARTMENT OF ART

Faculty: Professors Janet Anderson, Amy Arntson (Chairperson), Elizabeth Blumberg, Karl Borgeson, Lynn Courtenay, Denis Dale, Joanna Edwards, Lawrence Harrison, Robert Mertens, Susan Messer, Charles Olson, David Runyon, Linda Threadgill, Susan Walsh (Gallery Director), James Wenkle, 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 participate in a senior art exhibition. Application for this senior exhibition must be made by the end of the junior year.
2. The Art Department has the right to keep one work of art from each major for the Art Department Permanent Collection. Selection of this work will be made by the student and her/his senior exhibition review committee.
3. Art majors are advised to meet the General Studies 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 semester 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 OR 110-361
4. ART 110-381 OR 110-331 OR 110-332 OR 110-333
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, GRAPHICS DESIGN, PHOTOGRAPHY, CERAMICS, SCULPTURE, METALS OR ART HISTORY.

DEPARTMENT G.P.A. REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES. RLS

CREDITS OUTSIDE THE FIRST MAJOR - 70 CREDITS

1. SELECT A MINIMUM OF 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART BA) RLS

WRITING PROFICIENCY - 3 CREDITS

1. 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 - 32 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 SEMESTER BEFORE PROFESSIONAL SEMESTER
6. C&I 437-423 - FALL SEM ONLY

7. STUDENT TEACHING

1. SELECT 6 CREDITS FROM C&I 439-411
2. SELECT 6 CREDITS FROM C&I 439-414

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

1. STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES. RLS

CREDITS OUTSIDE THE 1ST MAJOR - 70 CREDITS

1. SELECT A MINIMUM OF 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART BA) RLS

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS

ART GRAPHIC DESIGN EMPHASIS (BA)

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. ART 110-251 or 110-271 or 110-361
4. ART 110-381, 110-382 and 110-383
5. SELECT 6 CRED FROM COURSES ART 110-484, 110-485, 110-387, 110-384, 110-482, 110-498 or 110-311

DEPARTMENT G.P.A. REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES.

WRITING PROFICIENCY - 3 CREDITS

1. 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 115-314, 115-317, 115-319 (SPRING ONLY) OR 115-420 (SPRING ONLY) OR 115-496 2.5 GPA UPPER-LEVEL COURSE REQUIREMENT
4. STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES.

MAJOR - UNIQUE REQUIREMENT - 16 CREDITS

1. SELECT 16 FOREIGN LANGUAGE CRED FROM FRENCH, GERMAN, PORTUGUESE, SPANISH RLS

CREDITS OUTSIDE THE FIRST MAJOR - 70 CREDITS

1. SELECT A MINIMUM 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART HISTORY) RLS
1. WRITING PROFICIENCY - 3 CREDITS
1. 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. SELECT 1 COURSE FROM EACH GROUP
 - GROUP 1: 110-311
 - GROUP 2: 110-331 OR 110-332 OR 110-333
4. SELECT 15 CRED IN AREA OF ART SPECIALIZATION IN CONSULTATION WITH ADVISER
5. SELECT 6 CREDITS FROM ART HISTORY COURSES (EXCEPT 115-111)
6. SELECT A MINIMUM OF 15 CREDITS FROM ART STUDIO COURSES. SEE ADVISER FOR DEPARTMENT STIPULATIONS.

DEPARTMENT G.P.A. REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES.

WRITING PROFICIENCY - 3 CREDITS

1. 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 semester. Students will be counseled to advance to a second review or repeat their review in a subsequent semester.
- B. To participate in an advanced review:
 1. Two semesters 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 semester 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 SEMESTER ONLY)
4. C&I 439-210 AND 430-424 - BOTH TO BE TAKEN SPRING SEMESTER BEFORE PROFESSIONAL SEMESTER
5. STUDENT TEACHING
 - o a. SELECT 6 CREDITS FROM C&I 439-411
 - o 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
 - o GROUP 1: ART 110-311
 - o GROUP 2: ART 110-331, 110-332 OR 110-333
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. SEE ADVISER FOR DEPARTMENT STIPULATIONS.

DEPARTMENT G.P.A. REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A.IN UPPER LEVEL MAJOR COURSES. RLS

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370 OR APPROVED SUBSTITUTE OR 680-274 OR 680-372 RLS

FINE ARTS GRAPHIC DESIGN EMPHASIS (BFA)

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 OR 110-361
4. ART 110-381, 110-382 AND 110-383
5. SELECT 6 CRED FROM COURSES:ART 110-484, 110-485, 110-387, 110-384,110-482, 110-498 OR 110-311

2.5 GPA UPPER-LEVEL COURSE REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A.IN UPPER LEVEL MAJOR COURSES. RLS

CREDITS OUTSIDE THE FIRST MAJOR - 70 CREDITS

1. SELECT A MINIMUM OF 70 CREDITS FROM OUTSIDE THE 1ST MAJOR (ART BA) RLS

WRITING PROFICIENCY - 3 CREDITS

1. 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 - 32 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 SEMESTER BEFORE PROFESSIONAL SEMESTER
6. C&I 437-423 - FALL SEM ONLY
7. STUDENT TEACHING
 - o a. SELECT 6 CREDITS FROM C&I 439-411
 - o b. SELECT 6 CREDITS FROM C&I 439-414

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:
 - o GROUP 1: ART 110-271
 - o GROUP 2: ART 110-311
 - o GROUP 3: ART 110-331 OR 110-332 OR 110-333
5. SELECT 3 ELECTIVE CREDITS FROM ART HISTORY (EXCEPT 115-111)
6. SELECT 3 ELECTIVE CREDITS FROM ART STUDIO

WRITING PROFICIENCY - 3 CREDITS

1. 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	3
430-759	Art for the Exceptional Child and Adolescent	3
		or
480-759	(Or any other art education course/workshop applicable to teaching students with disabilities)	
489-492/725	Field Study--Special Education (Art Emphasis)	2-3

Plus 6 credits from the following:

480-356/556	Introduction to Mental Retardation	3
480-320/520	Introduction to the Education of Young Handicapped	3
480-455/655	Introduction to the Emotionally Handicapped	3
480-464/664	Learning and Language Disorders	3
480-466/666	Guidance of the Handicapped	3

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 FROM 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, 110-333, 110-334, 110-335) OR (110-341, 110-342, 110-343)
4. SELECT 6 CREDITS OF ART STUDIO ELECTIVES. SEE ADVISER FOR STIPULATIONS

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, 110-381, 110-311,110-331, 110-332 OR 110-333

ART HISTORY EMPHASIS

MINOR - 21 CREDITS

1. ART 115-201 AND 115-202
2. ART 115-311 OR 115-312

3. ART 115-313 OR 115-314
4. SELECT 6 CRED FROM COURSES
 - ART 115-315, 115-316 OR
 - 115-318 (FALL ONLY)
5. SELECT 3 ELECTIVE CRED FROM COURSES NOT USED ABOVE OR FROM FOLLOWING:
 - ART 115-305, 115-308, 115-309,
 - 115-310, 115-317, 115-319, (SPRING ONLY)
 - 115-421 AND 115-496

COURSE DESCRIPTIONS

100-215 THE FINE ARTS IN WESTERN CULTURE GI 3 cr

A team-taught course designed to study the interrelationships of Art, Music, Theatre and Dance in the Western world. The emphasis is on the importance of the fine arts in society and their similarities and differences in both style and content.

STUDIO COURSES (110)

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 to investigate the basic elements, principles and concepts of two-dimensional design (visual organization).

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 the 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.

110-201 DRAWING I GA 3 cr

An introduction to the disciplines associated with the techniques, media and aesthetics of drawing.

110-202 DRAWING II 3 cr

A continuation of Drawing 110 201. It allows the student to study and use drawing as a search for form in nature, the making of finished works reflecting an understanding of materials and formal principles and a visual autobiography where aesthetic ideas are recorded.

Prereq: 110 201.

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, media and aesthetics of painting.

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.

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.

Prereq: 6 credits from 110-102, 110-201, 110-202 or cons instr.

110-333 PRINTMAKING I: SCREENPRINTING 3 cr

The course presents the basic materials and methods of screenprinting techniques, including single, multiple block and reduction wood-cuts and non-traditional blocks, color printing. This course fulfills the basic printmaking requirement.

Prereq: 6 credits from 110-102, 110-201, 110-202 or cons instr.

110-334 PRINTMAKING II 3 cr

A continuation of 110-331, 110-332, or 110-333 with an added emphasis on individual direction. The intent is to develop a deeper understanding of art and art processes.

Prereq: 110-331 or 110-332 or 110-333.

110-335 PRINTMAKING III 3 cr

Arranged for the student as indicated by the student's own interest and abilities. The student will be encouraged to work toward a high level of competency and enlightenment.

Prereq: 110-334.

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 110-241 with emphasis on individual direction. The intent is to develop a deeper meaning of art and art processes. Prereq: 110-241.

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.

110-344 COLLAGE AND ASSEMBLAGE 3 cr

A course designed to familiarize the student with the various techniques and concepts involved in mixed-media approaches to art making.

Prereq: 110-102, 110-103.

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 GRAPHICS 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 GRAPHICS 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. Survey of 20th Century design movements.

Prereq: 110-381.

110-383 GRAPHICS 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, television storyboards, 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.

Prereq: 110-202 and 110-321.

110-387 COMPUTER GRAPHICS FOR THE ARTIST 3 cr

Creation of computer generated artwork on the Amiga and MacIntosh systems. 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.

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. This course will enhance learning by allowing intermediate students the advantage of seeing advanced level work in progress.

Repeatable in increments of 3 credits per semester 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 painting. This course will enhance learning by allowing intermediate students the advantage of seeing advance level work in progress. Repeatable in increments of 3 credits per semester for a maximum of 12 credits.

Prereq: 110-321.

110-436/636 PRINTMAKING IV 3 cr

Advanced studio experience in printmaking.

Prereq: 9 credits in printmaking.

110-437/637 PRINTMAKING V: RESEARCH 3 cr

A highly specialized course offering directed research in a specific problem related to printmaking.

Prereq: 9 credits in printmaking.

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.

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.

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. Specifically aimed at the serious metals student.

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.

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 visual problem solving related to editorial, advertising and specialized fields of illustration.

Prereq: 110-384, 110-203.

110-484/684 GRAPHICS 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: 110-383 and 110-384 and 110-311.

110-485/685 GRAPHICS 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 semester 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.

ART HISTORY (115)

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.

Prereq: 100-105.

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.

Prereq: 100-105.

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 semester odd numbered years.

Prereq: 100-105.

115-308/508 SURVEY OF AFRICAN ART GA/Diversity 3 cr

This course is designed to survey the culturally diverse, yet in some ways homogeneous societies of Africa. It covers the artistic expression of one of the world's major art producing areas. Emphasis is placed on the art traditions of East, West and Central Africa. Offered fall semester in even numbered years.

Prereq: 100-105.

115-310/510 SURVEY OF MESOAMERICAN ART GA 3 cr

A survey of the artistic expression of the early cultures of Middle America and parts of South America. Emphasis is placed on the Olmec, Mayan, Toltec, Mixtec, Zapotec and Aztec cultures of Mesoamerica, and the Incas of South America.

Prereq: 100-105.

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 semester odd numbered years.

Prereq: 100-105.

115-312/512 HISTORY OF MEDIEVAL ART GA 3 cr

Romanesque and Gothic Art from the late 11th to the 15th centuries, with pre-Romanesque study of Roman architecture, sculpture, and minor arts. Relationships between artistic context, expression, and techniques are explored in medieval cultural history. Emphasis on the Gothic Cathedral and the synthesis of technology, art, and social ideology in medieval France and England. Usually offered spring semester even numbered years.

Prereq: 100-105.

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 semester even numbered years.

Prereq: 100-105.

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 semester odd numbered years.

Prereq: 100-105.

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 semester odd

numbered years.

Prereq: 100-105.

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 semester.

Prereq: 100-105.

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: 100-105.

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 semester only.

Prereq; 100-105.

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 semester only.

Prereq: 100-105.

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 semester 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

Journalism

Speech

Faculty: Raymond Baus, John Cease, Peter Conover, Jeanine Fassl, Richard Haven (Chairperson), M. William Johnson, Betty Kobs, William Lowell, John Luecke, James Lundy, Rae Miller, Barbara Monfils, Darrell Newton, Terry Ostermeier, Steven Shields, John Stone, Ann Tetley, Patricia Townsend, Wilfred Tremblay, William Weiss, Robert Willis, Rosann Young.

JOURNALISM

The journalism program is geared to today's journalism, preparing young people 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

JOURNALISM BROADCAST EMPHASIS (BA/BS)

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 166-334 OR 166-337
7. SELECT 5 - 6 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 166-334, 166-337 OR 166-436
7. SELECT 5 - 6 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)

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

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 164-247, 164-303 OR 164-304
5. SELECT 10 ELECTIVE CRED FROM JOURNALISM

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINOR

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

Suggested minors. Students majoring in journalism in liberal arts are advised to select a minor outside the Department of Communication. 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 or music.

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.

COURSE DESCRIPTIONS

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 1/2 to 1 hour of credit for each semester 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.

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 NEWSPAPER OPERATIONS 3 cr

An examination of the basic aspects of newspaper operations: organization and equipment, production and service, financial and legal questions, and public and employee relations.

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 and copyright regulations.

164-430/630 COMMUNICATION AND PUBLIC OPINION 3 cr

The role of the mass media of communication in the formation of public opinion. Propaganda goals of government, political, economic and social groups.

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.

164-488/688 ADVISER'S WORKSHOP 1-4 cr

A course characterized by individualized and participatory activities within a group context, the results of which activities are shared with the entire group.

Announcements of specific workshops being offered are made as the workshops are developed. Offered in summer school only. See the Credit Restrictions section under Academic Requirements and Policies for credit limitations pertaining to workshops.

Repeatable.

164-490/690 WORKSHOP Repeatable 1-4 cr

164-491 TRAVEL STUDY Repeatable 1-3 cr

164-493 INTERNSHIP IN MASS COMMUNICATION 1-6 cr

Professional experience in which the student who aspires to a career in mass communication works for an approved employer engaged in broadcasting, print communication, advertising or public relations. 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 equiv.), plus cons instr.

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.

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 34 or 36 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.

The Department of Communication--Speech Communication has organized its course offerings into the following core areas:

SPEECH CORE:

Includes the following courses: 166-110, 166-110H, 166-234, 166-240, 166-242, 166-247, 166-340, 166-344, 166-345, 166-356.

COMMUNICATION: THEORY AND RESEARCH CORE:

Includes the following courses: 166-228, 166-321, 166-325, 166-326, 166-327, 166-420, 166-422, 166-424, 166-427, 166-429, 166-485.

MEDIA COMMUNICATIONS/MANAGEMENT CORE:

Includes the following courses: 166-230, 166-231, 166-232, 166-234, 166-238, 166-239, 166-241, 166-246, 166-330, 166-331, 166-332, 166-333, 166-335, 166-434, 166-487, 166-493

SOCIAL, HISTORICAL AESTHETIC COMMUNICATION CORE:

Includes the following courses: 166-131, 166-236, 166-339, 166-359, 166-431, 166-445, 166-459

PUBLIC RELATIONS CORE: Includes the following courses:

166-202, 166-203, 166-307, 166-402, 166-493.

OTHER SPECIALIZED COURSES:

166-490, 166-494, 166-496, 166-498

SPEECH PUBLIC RELATIONS EMPHASIS (BA/BS)

MAJOR - 34 CREDITS

1. JOUR 164-245, SPCH 166-202, 166-203, 166-307 AND 166-402
2. SPCH 166-228 OR 166-327
3. SPCH 166-240 OR 166-345
4. SPCH 166-325 OR 166-422
5. JOUR 164-431 OR SPCH 166-431
6. JOUR 164-303 OR SPCH 166-340
7. SELECT 4 CRED FROM SPEECH COMMUNICATION AND JOURNALISM COURSES EXCEPT 166110

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, 166-246, 166-331, 166-332, 166-335,
166-339 OR 166-493E
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, 166-305, 166-333, 166-339, 166-420, 166-431, 166-434
OR 166-494

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

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SPEECH ORGANIZATION COMMUNICATION EMPHASIS (BA/BS)

MAJOR - 36 CREDITS

1. SPCH 166-228, 166-240, 166-242, 166-420, AND 166-422
2. SPCH 166-485
3. SPCH 166-321 OR 166-424
4. SPCH 166-327
5. SPCH 166-244 OR 166-247 OR 166-328
6. SPCH 166-427 OR 166-429 OR 166-493
7. SELECT 6 CREDITS FROM SPEECH COURSES AT THE 200 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, 166-242, 166-420, AND 166-422
2. SPCH 166-485
3. SPCH 166-345
4. SPCH 166-445
5. SPCH 166-359 OR 166-459
6. 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.

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 - 22 CREDITS

1. SPCH 166-202, 166-203, 166-307 AND 166-402
2. SPCH 166-240 OR 166-345
3. SPCH 166-325 OR 166-422
4. JOUR 164-431 OR SPCH 166-431
5. 1 ELECTIVE CREDIT FROM THE SPEECH DEPARTMENT EXCEPT 166-110

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 AND THTR 133-100, 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.

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.

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 WRITING APPLICATIONS IN PUBLIC RELATIONS - 3 cr

Lecture and practice in the application of writing fundamentals and skills to the various writing opportunities typical in the public relations profession.

Prereq: 166-202.

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.

Prereq: Sophomore standing.

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.

Prereq: 166-131 or cons instr.

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.

166-305/505 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 - 3 cr

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.

166-321/521 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

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: 164-332.

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 jr st.

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.

166-356 FUNDAMENTALS OF ORAL INTERPRETATION - 2 cr

Analysis and development of techniques for the oral presentation of literature.

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

166-402/602 PUBLICITY MEDIA AND CAMPAIGNS - 3 cr

Extension of principles of public relations through advanced readings and case studies in business, industry, service, and education, and practice in creating

effective publicity campaigns.

Prereq: 166-202, 166-203, 164-245 and 166-307.

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 ASSESSING & DEVELOPING COMMUNICATION COMPETENCIES IN CONTEMPORARY 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 AUDIT - 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.

166-431/631 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: 166-131 and at least one semester's staff experience on either WSUW-FM or at Cable 6 or its equivalent as determined by the instructor.

166-445/645 PERSUASION: 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: 166-345.

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.

166-490/690 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: 166-334 or 166-337; jr/sr st and approval of supervisor.

166-493I INTERNSHIP IN COMMUNICATION - 1-3 cr

Professional experience in which the student who aspires to a career in public relations, 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: 166-202, 166-203, 3.00 GPA in communication courses, jr or sr standing 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

Faculty: Janet Barrett, Kirby Bock, Jack Cassingham, Roger Coppenbarger, Robin Fellows, George Ferencz, Frank Hanson, Glenn Hayes, Jo Ann Hobbs, Linda Hurstad, Howard Inglefield, Harry Johansen, Sam McClure, Carlene McMonagle, Joyce Ryan, John Tuinstra, Dennis Wadsworth, John Webb, Stephen Wiest, and Lowell Youngs (Chairperson).

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 Music Department sponsors a wide variety of performing opportunities that are open to all university students. Vocal groups include Concert Choir, University Chorus, Women's Chorale, Jazz/Show Choir, and Opera Workshop. Instrumental

groups include Wind Ensemble, Orchestra, Concert Band, Marching Band, Jazz Ensembles, Brass Choir, and Flute Choir. All provide a rich and varied musical experience and the opportunity to meet and perform with talented musicians from the campus and the community.

If you are interested in majoring in music, write the department chairperson for entrance requirements and audition dates.

The UW-Whitewater Music Department is a fully accredited member of the National Association of Schools of Music.

PROGRAM REQUIREMENTS AND DEPARTMENTAL POLICIES

Entrance Requirements

Students wishing to be accepted officially as majors in the Music Department must demonstrate by audition an acceptable level of performance in their primary performing area. This should be done prior to the initial registration, if possible. If not, the initial registration as a music major will be considered conditional pending the successful presentation of the entrance audition. Incoming freshmen are also asked to take a short diagnostic test in music theory. Information regarding audition requirements is available from the Music Department Office.

Waivers

Students who exhibit an unusually strong background in theory and music literature may, through examination, be exempted from introductory courses in those areas. Waiver of requirements through such means, however, does not reduce the total credits required for graduation, nor, except in unusual circumstances, the required credits in the music major.

Recital Requirements

All Bachelor of Music majors are required to appear on a minimum number of student recitals. Students seeking the Bachelor of Music degree must present a Senior Recital in their Primary Performance Area.

Convocation Attendance

Attendance at the weekly convocations and seminars of the Music Department is required of all music majors. Music minors are strongly urged to attend as well. These convocations provide opportunities for students to perform in and to listen to student recitals.

All music majors and minors are required to attend a minimum number of other recitals and concerts each semester. Students are informed early in each semester about specific requirements for that semester. The required number of semesters is the same as the number of semesters of required primary applied music study in the various music major and minor programs.

Terminology and Policies Concerning Applied Music Study

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 private study in the Primary Performing Area the Level series of courses (150-160, 150-260, 150-360, and 150-460, for example, in the case of instrumental instruction) will be exclusively used.

Ordinarily a music major will have only one Primary Performing Area, and will not change that area during the course of study. Such a change is strongly discouraged after the first year of study and, in any event, must have the consent of a committee consisting of (a) the two private instructors (b) the appropriate coordinator(s) in applied music study, and (c) the department chairperson.

In the event that a student is permitted to have two Primary Performing Areas, all entrance, study and performance requirements for both must be met.

All other applied music study, whether class or private, required or elective, will be referred to as Secondary Study. In the case of private instruction, the course numbers 150-126, 150-127, 150-128, and 150-129 will be used to cover such study.

For all private applied music instruction, one-half hour of private instruction per week will be taken for a single credit of study, with a maximum of one hour of instruction for two or more credits. Five hours of individual practice per week are required for each credit taken. All private applied students will perform an end-of-semester jury examination. The final grade in private applied instruction is determined by the formula: 1/4 jury grade and 3/4 instructor's grade. When the instructor's grade is "F" the final grade is "F".

Writing Proficiency Requirement

The faculty of the Music Department has approved Music History 150-246 as the course in which all music majors will satisfy this University requirement. A research paper written in conjunction with the course must be submitted to the department Writing Committee. Students whose papers are not approved by the Committee will be given an opportunity to submit a revised version by an established deadline. Students who fail to submit an acceptable paper by this deadline must take English 680-370 to fulfill the graduation requirements.

Further Requirements

The Music Department Student Handbook contains more detailed instructions and policies pertinent to the study of music and the fulfillment of requirements for music degree programs. All music majors should familiarize themselves with the contents of this handbook.

MAJORS/EMPHASES

The Music Department offers two undergraduate major programs, one leading to a Bachelor of Arts degree (BA); the other to a Bachelor of Music degree (BM). Five emphases are possible under the Bachelor of Music program: Music Performance, Music History/Theory, Vocal Music Education, Instrumental Music Education, and Combined Vocal and Instrumental Music Education.

Major and related course requirements for the B.A. degree and each of the five emphases under the B.M. degree are listed below. Immediately following is a series of notes related to applied music study and/or performance requirements for the programs described.

MUSIC (BA)

MAJOR - 40 CREDITS

1. 6 SEMESTERS OF MUSC 150-100 RECITAL ATTENDANCE ARE REQUIRED
2. MUSC 150-151 AND 150-153
3. MUSC 150-152, 150-154 AND 150-242
4. MUSC 150-245, 150-251 AND 150-253

5. MUSC 150-246, 150-252 AND 150-254
6. MUSC 150-455

SELECT 14 CREDITS WITH ADVISER FROM THE FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES:

6 semesters of Primary Applied Instruction (See note 1)	6 cr
2 semesters of 150-128 and/or Class Piano (unless Primary Applied is Keyboard)	0-2 cr
4 semesters 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

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

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. 8 SEMESTERS OF MUSC 150-100 RECITAL ATTENDANCE ARE REQUIRED
2. MUSC 150-151 AND 150-153
3. MUSC 150-152, 150-154 AND 150-242
4. MUSC 150-245, 150-251 AND 150-253
5. MUSC 150-246, 150-252 AND 150-254
6. MUSC 150-356 AND 150-455

7. MUSC 150-453, 150-454 AND 150-489
8. MUSC 150-443
9. SELECT 43 CREDITS WITH ADVISOR FROM THE FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES

Keyboard Performance:

Four levels of Primary Applied (6 cr at each level) (see Note 6)	24 cr.
150-339 Piano Pedagogy	2 cr.
Ensembles (see Note 7)	8 cr.
Music Electives	9 cr.
TOTAL CREDITS	43 cr.

Voice Performance:

Four levels of Primary Applied (6 cr at each level)* (see Note 6)	24 cr.
150-128 and/or Class Piano	6 cr.
150-338 Vocal Pedagogy	2 cr.
Ensembles (see Note 7)	8 cr.
Music Electives	3 cr.
TOTAL CREDITS	43 cr.

Instrumental Performance:

Four levels of Primary Applied (6 cr at each level) (see Note 6)	24 cr.
150-128 and/or Class Piano	6 cr.
Ensembles (see Note 7)	8 cr.
Music Electives	5 cr.
TOTAL CREDITS	43 cr.

*At the 100 and 200 levels, one credit of 150-276 will be required each semester in lieu of one primary applied credit unless waived by decision of the voice faculty.

MUSIC HISTORY-THEORY EMPHASIS (BM)

Note: This Emphasis is designed primarily to prepare the student for graduate study in music history or in theory-composition. Only those students with an excellent overall academic record and demonstrated potential in those areas will be admitted. Approval of the history-theory faculty is required, as well as the willingness of one of them to serve as academic adviser. Admission to this Emphasis should be sought by the end of the freshman year, if possible.

MAJOR - 78 CREDITS

1. 8 SEMESTERS OF MUSC 150-100 RECITAL ATTENDANCE ARE REQUIRED
2. MUSC 150-151 AND 150-153
3. MUSC 150-152, 150-154 AND 150-242

4. MUSC 150-245, 150-251 AND 150-253
5. MUSC 150-246, 150-252 AND 150-254
6. MUSC 150-356 AND 150-455
7. MUSC 150-453, 150-454 AND 150-488
8. SELECT 45 CREDITS WITH ADVISOR FROM THE FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES

7 semesters of Primary Applied Instruction (See note 2)	7 cr.
7 semesters of 150-128 and/or Class Piano (Unless Primary Applied is Keyboard),br>	0-7 cr.
4 semesters of ensembles (See note 10)	4 cr.
History-Theory/Composition Electives*	15 cr.
Music Electives	12-19 cr.
TOTAL CREDITS	45 cr.

*To include a minimum of 8 credits of music history and literature courses, and 2 credits of music theory/composition courses.

Music History/Literature Electives: 150-343, 150-439, 150-440, 150-443, 150-445, 150-446, 150-447, 150-448, 150-471, 150-496, 150-498.

Music Theory/Composition Electives: 150-457, 150-459, 150-496, 150-498.

MUSIC EDUCATION VOCAL EMPHASIS (BM/BSE)

Note: The object of the following program of study is to prepare the student for a career of teaching vocal music in the public schools (Grades K-12: general music; grades 7-12: 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. In the ensuing outline it is assumed that the primary performing area of the student is either voice or keyboard (piano or organ). Instrumentalists seeking vocal licensure must complete the requirements in both secondary piano and secondary voice given below under applied music. This emphasis leads to teaching licensure in elementary and secondary general music, and secondary choral music.

LICENSURE - 33 CREDITS

1. 1. EDFD 423-212 OR 423-222
2. 2. EDFD 420-243 OR 420-445
3. 3. C&I 437-436 AND 437-466

4. 4. SELECT 2 CRED FROM COURSE C&I 439-210
5. 5. C&I 439-160 AND 430-234
6. 6. EDFD 424-424 OR 424-425
7. 7. C&I 437-438
8. 8. STUDENT TEACHING
9. a. SELECT 6 CREDITS FROM C&I 439-411
10. b. SELECT 6 CREDITS FROM C&I 439-414

MAJOR - 65 CREDITS

1. 7 SEMESTERS OF MUSC 150-100 RECITAL ATTENDANCE ARE REQUIRED
2. MUSC 150-151, 150-152, 150-153, 150-154 AND 150-242
3. MUSC 150-245, 150-246, 150-251, 150-252, 150-253 AND 150-254
4. MUSC 150-189, 150-343, 150-356, 150-357 AND 150-455
5. MUSC 150-166, 150-338, 150-453, 150-454 AND 150-488
6. SELECT 24 CREDITS WITH THE ADVISOR FROM THE FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES

7 semesters private instruction in the primary performing area (see Note 2)

6 semesters of secondary piano instruction if voice is the primary performing area (see Note 3) **OR**

7 semesters of secondary vocal instruction if keyboard is the primary performing area (see Note 4)

1 credit instrumental techniques

7 semesters enrollment in 150-171 or 150-175

2-3 credits music electives

MUSIC EDUCATION INSTRUMENTAL (BM/BSE)

Note: 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 the 12th grade). Students whose primary performing area is not a standard band or orchestra instrument must demonstrate, through audition before the instrumental faculty, a satisfactory level of proficiency on such an instrument before being admitted to this program. Moreover, they shall continue study on that instrument (hereafter referred to as the principal secondary instrument) as outlined below under applied music. In the ensuing outline it is assumed that the primary

performing area of the student is either a standard instrument or keyboard (piano or organ). Vocalists seeking instrumental licensure must complete the requirements in both secondary piano and principal secondary instrument given below under applied music. They are, however, exempt from the required voice class. It should be noted that keyboard players and vocalists will require more than 65 hours of credit in music to complete requirements for this program. This emphasis leads to teacher licensure in the following music areas: elementary instrumental and secondary instrumental. Optional licensure in secondary general music requires 150-166 and 437-436.

LICENSURE - 33 CREDITS

1. EDFD 423-212 OR 423-222
2. EDFD 420-243 OR 420-445
3. C&I 437-436 AND 437-466
4. SELECT 2 CRED FROM COURSE C&I 439-210
5. C&I 439-160 AND 430-236
6. EDFD 424-424 OR 424-425
7. C&I 437-437
8. STUDENT TEACHING
 - a. SELECT 6 CREDITS FROM C&I 439-411
 - b. SELECT 6 CREDITS FROM C&I 439-414

MAJOR - 65 CREDITS

1. 7 SEMESTERS OF MUSC 150-100 RECITAL ATTENDANCE ARE REQUIRED
2. MUSC 150-151, 150-152, 150-153, 150-154, 150-177, 150-178 AND 150-242
3. MUSC 150-245, 150-246, 150-251, 150-252, 150-253 AND 150-254
4. MUSC 150-189, 150-356, 150-358, 150-455, 150-467 AND 150-468
5. MUSC 150-361, 150-453, 150-454 AND 150-488
6. SELECT A MINIMUM OF 24 CREDITS WITH ADVISOR FROM THE FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES

7 semesters private instruction in the primary performing area (see Note 2)

3 semesters in secondary piano instruction (see Note 3) **OR**

7 semesters of 150-126 in the principal secondary instrument if keyboard is the primary performing area

7 credits instrumental techniques (see Note 8) 7 semesters band or orchestra (see Note 5)

MUSIC EDUCATION COMBINED (BM/BSE)

Note: Students seeking licensure to teach both vocal and instrumental music must meet admission standards and fulfill all the requirements for separate licensure, excluding duplications. It may be expected that at least one year of further study will be required to complete the program. Permission to pursue the combined licensure program must be obtained from a committee consisting of the student's primary applied instructor, and the coordinators of keyboard, vocal, instrumental and music education. Because of the extended and complex nature of the study involved, students interested in entering this program are strongly urged to apply for admission by the end of their first semester of study. This emphasis leads to teaching licensure in the following music areas: elementary and secondary general, elementary and secondary instrumental, and secondary choral.

LICENSURE - 37 CREDITS

1. EDFD 423-212 OR 423-222
2. EDFD 420-243 OR 420-445
3. C&I 437-436 AND 437-466
4. SELECT 2 CRED FROM COURSE C&I 439-210
5. C&I 439-160, 430-234 AND 430-236
6. EDFD 424-424 OR 424-425
7. C&I 437-437 AND 437-438
8. STUDENT TEACHING
 - a. SELECT 6 CREDITS FROM C&I 439-411
 - b. SELECT 6 CREDITS FROM C&I 439-414

1ST MJR & WRTNG - MUS ED COMB - 87-88 CREDITS

1. 7 SEMESTERS OF MUSC 150-100 RECITAL ATTENDANCE ARE REQUIRED
2. MUSC 150-151, 150-152, 150-153, 150-154 AND 150-242
3. MUSC 150-245, 150-246, 150-251, 150-252, 150-253 AND 150-254
4. MUSC 150-189, 150-343, 150-356, 150-357, 150-358, 150-455 AND 150-468
5. MUSC 150-166, 150-338, 150-361, 150-453, 150-454, 150-467 AND 150-488

6. SELECT 41-42 CREDITS WITH ADVISER FROM FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES

7 semesters private instruction in the primary performing area (see Note 2)

6-7 credits in two of the following 3 areas of secondary instruction (excluding the one corresponding to the student's primary performing area)

6 semesters secondary piano instruction (see Note 3)

7 semesters secondary vocal instruction (see Note 4)

7 semesters 150-126 in the principal secondary instrument

7 credits instrumental techniques (see Note 8)

7 semesters 150-161/169 or 150-162 (see Note 5)

7 semesters 150-171 or 150-175

NOTES

1. Normally two semesters each at the 100, 200, and 300 levels of Primary Applied Instruction are required. Based on entrance audition, up to two semesters of non-primary private applied instruction may be counted toward the six semesters required. A student, however, must pass the junior level barrier exam before graduating.
2. Seven semesters of private study in the Primary Performing Area are required - two each at Levels 100, 200, 300. One semester at level 400 is required with an additional semester of Senior Recital 150-488. Permission of the instructor is required to take more than one credit per semester. (Only students who are pursuing the Performance Emphasis are allowed to take more than two credits per semester.) Two semesters at Level 1 with a grade of C or better in each are required to pass to Level 2. At Levels 2 and 3 two semesters with a grade of B or better are required to pass to the next Level. A student failing to meet these standards must continue to study at the same level until the grade requirement is met. Credits so earned may be applied toward graduation but will not count toward the completion of the semester requirement for study in the Primary Performing Area. Prior to being admitted to the 300 level of study students must be approved by the full instrumental, keyboard, or voice faculty jury for upper division standing.

Prior to being admitted to the fourth level of study, a student must make two solo appearances on departmental recitals.

At the fourth level of study the student will prepare a recital of at least 20 minutes of music and will enroll for Senior Recital 150-488 during the semester of intended performance. Senior Recital 150-488 replaces Private Instruction in the Primary Performing Area for that semester, although the student may, at the discretion of the instructor, elect concurrently one credit of the latter. One month before the intended date of the recital, the student will perform before a faculty jury, which shall decide whether expected standards for public performance are being met. Failure to pass this jury shall result in a postponement of the recital until such standards can be demonstrated. The jury may, at its discretion and with the concurrence of the entire music faculty, direct that the recital be presented in private, with attendance limited to the faculty. In such a case, the student's semester grade for 150-488 shall not be higher than a C.

3. Class piano 150-186-187-188 may be used in satisfying this requirement. At the discretion of the keyboard faculty, students with prior piano background, or who make unusually rapid progress, may substitute Private Piano Instruction (non-primary) 150-128 for any or all of these courses.
4. Completion of Class Voice I & II (150-177 and 150-178), in addition to five semesters of Private Vocal Instruction (non-primary) 150-127, satisfies this requirement. At the discretion of the voice faculty, additional semesters of 150-127 may be substituted for one or both semesters of Class Voice.
5. Students whose primary performing area is a wind or percussion instrument must enroll for seven semesters in 150-161 (Wind Ensemble, Concert Band) and 150-169 (Marching Band), with no fewer than three registrations of 150-169 (Marching Band).

Students whose primary performing area is a string instrument must enroll in seven semesters of 150-162 (University Orchestra).

6. At each level a grade of "B" or better for two semesters is required in order to pass to the next level. A student failing to meet these standards must continue to study at the same level until the grade requirement is met. 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 semester.

Prior to being admitted to the fourth level of study, a student must make four solo appearances on departmental recitals. In addition, while studying at the third level, the student must prepare and present a Junior solo recital of 20 minutes minimum duration.

At the fourth level of study the student will prepare a recital of at least 45 minutes of music and will enroll for Senior Recital 150-489 during the semester of intended performance. One month before the intended date of the recital, the student will perform before a faculty jury, which shall decide whether expected standards for public performance are being met. Failure to pass this jury and to present the recital in public will result in a mandatory grade of "F" in Senior Recital 150-489 for the semester.

7. Students whose primary performing area is a wind or percussion instrument must enroll for eight different semesters of instrumental ensembles to be chosen from the following: Jazz Ensemble, Orchestra, or Wind Ensemble, with no fewer than 4 semesters of Orchestra or Wind Ensemble or a combination. Students whose primary performing area is a string instrument must enroll for eight semesters of Orchestra. Students whose primary performing area is voice must enroll for eight different semesters of Concert Choir or University Chorus. Students whose primary performing area is keyboard must enroll in no fewer than two and no more than four different semesters of Vocal and Instrumental Accompanying (150-482) or Chamber Music (150-383). The remainder of the requirement may be fulfilled in large ensembles.
8. Instrumental techniques to be selected from 150-165, 150-167, 150-168, 150-265, 150-267, 150-268, 150-365 and 150-368. Students should take all courses except the one containing their Primary Performance Instrument.
9. Students whose primary performing area is a wind or percussion instrument must enroll for four different semesters of instrumental ensembles. Two semesters of this requirement must be selected from the following: Concert Band, Jazz Big Band, Jazz Ensemble, Marching Band, Orchestra, or Wind Ensemble. Students whose primary performing area is a string instrument must enroll for four semesters of Orchestra. Students whose primary performing area is voice must enroll in four different semesters of vocal ensembles, selected from Concert Choir or University Chorus. Students whose performing area is keyboard should enroll for four different semesters of the appropriate ensembles listed above.
10. History/Theory majors whose primary performing area is wind, percussion, or strings, must enroll for four different semesters of 150-161 or 150-162. Students whose primary performing area is voice must enroll four different

semesters of 150-171 or 150-175. Students whose primary performing area is keyboard must enroll in four different semesters of the most appropriate of the ensembles listed above.

11. Music education methods courses (430-234, 430-236, 437-437 and 437-438) require concurrent registration for 1 credit of Field Study for music education majors (439-492). 437-436 does not require concurrent registration in Field Study.

MINOR

MUSIC

MINOR - 23 CREDITS

1. 4 SEMESTERS OF MUSC 150-100 RECITAL ATTENDANCE ARE REQUIRED
2. MUSC 150-151, 150-152 AND 150-153
3. MUSC 150-186 OR WAIVER
4. MUSC 150-242
5. SELECT 14 CREDITS WITH ADVISER FROM WITHIN CREDIT LIMITS OF 2 OR 3 OF THESE CATEGORIES: APPLIED MUSIC OPTION (0 - 7 CREDITS)

MUSC 150-126, 127, 128, 129, 166, 177, 178, 187, 188 AND 189

ENSEMBLE OPTION (4 - 7 CREDITS)

MUSC 150-161, 162, 164, 169, 171, 175, 269, 272 AND 279

COURSEWORK OPTION (0 - 10 CREDITS)

MUSC 150-141, 143, 144, 154, 244, 245, 246, 251, 252, 253 AND 254

Advising: All music electives, applied, and ensemble credits must be approved by a music department adviser. Contact the Music Department Office for assignment to a music minor adviser.

DEPARTMENT OF MUSIC

Faculty: Janet Barrett, Kirby Bock, Jack Cassingham, Roger Coppenbarger, Robin Fellows, George Ferencz, Frank Hanson, Glenn Hayes, Jo Ann Hobbs, Linda Hurstad,

Howard Inglefield, Harry Johansen, Sam McClure, Carlene McMonagle, Joyce Ryan, John Tuinstra, Dennis Wadsworth, John Webb, Stephen Wiest, and Lowell Youngs (Chairperson).

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 Music Department sponsors a wide variety of performing opportunities that are open to all university students. Vocal groups include Concert Choir, University Chorus, Women's Chorale, Jazz/Show Choir, and Opera Workshop. Instrumental groups include Wind Ensemble, Orchestra, Concert Band, Marching Band, Jazz Ensembles, Brass Choir, and Flute Choir. All provide a rich and varied musical experience and the opportunity to meet and perform with talented musicians from the campus and the community.

If you are interested in majoring in music, write the department chairperson for entrance requirements and audition dates.

The UW-Whitewater Music Department is a fully accredited member of the National Association of Schools of Music.

PROGRAM REQUIREMENTS AND DEPARTMENTAL POLICIES

Entrance Requirements

Students wishing to be accepted officially as majors in the Music Department must demonstrate by audition an acceptable level of performance in their primary performing area. This should be done prior to the initial registration, if possible. If not, the initial registration as a music major will be considered conditional pending the successful presentation of the entrance audition. Incoming freshmen are also asked to take a short diagnostic test in music theory. Information regarding audition requirements is available from the Music Department Office.

Waivers

Students who exhibit an unusually strong background in theory and music literature may, through examination, be exempted from introductory courses in those areas. Waiver of requirements through such means, however, does not reduce the total credits required for graduation, nor, except in unusual circumstances, the required credits in the music major.

Recital Requirements

All Bachelor of Music majors are required to appear on a minimum number of student recitals. Students seeking the Bachelor of Music degree must present a Senior Recital in their Primary Performance Area.

Convocation Attendance

Attendance at the weekly convocations and seminars of the Music Department is required of all music majors. Music minors are strongly urged to attend as well. These convocations provide opportunities for students to perform in and to listen to student recitals.

All music majors and minors are required to attend a minimum number of other recitals and concerts each semester. Students are informed early in each semester about specific requirements for that semester. The required number of semesters is the same as the number of semesters of required primary applied music study in the various music major and minor programs.

Terminology and Policies Concerning Applied Music Study

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 private study in the Primary Performing Area the Level series of courses (150-160, 150-260, 150-360, and 150-460, for example, in the case of instrumental instruction) will be exclusively used.

Ordinarily a music major will have only one Primary Performing Area, and will not change that area during the course of study. Such a change is strongly discouraged after the first year of study and, in any event, must have the consent of a committee consisting of (a) the two private instructors (b) the appropriate coordinator(s) in applied music study, and (c) the department chairperson.

In the event that a student is permitted to have two Primary Performing Areas, all entrance, study and performance requirements for both must be met.

All other applied music study, whether class or private, required or elective, will be referred to as Secondary Study. In the case of private instruction, the course numbers 150-126, 150-127, 150-128, and 150-129 will be used to cover such study.

For all private applied music instruction, one-half hour of private instruction per week will be taken for a single credit of study, with a maximum of one hour of instruction for two or more credits. Five hours of individual practice per week are required for each credit taken. All private applied students will perform an end-of-semester jury examination. The final grade in private applied instruction is determined by the formula: $\frac{1}{4}$ jury grade and $\frac{3}{4}$ instructor's grade. When the instructor's grade is "F" the final grade is "F".

Writing Proficiency Requirement

The faculty of the Music Department has approved Music History 150-246 as the course in which all music majors will satisfy this University requirement. A research paper written in conjunction with the course must be submitted to the department Writing Committee. Students whose papers are not approved by the Committee will be given an opportunity to submit a revised version by an established deadline. Students who fail to submit an acceptable paper by this deadline must take English 680-370 to fulfill the graduation requirements.

Further Requirements

The Music Department Student Handbook contains more detailed instructions and policies pertinent to the study of music and the fulfillment of requirements for music degree programs. All music majors should familiarize themselves with the contents of this handbook.

DEPARTMENT OF THEATRE/DANCE

Faculty: Marshall Anderson, Marilynn Baxter, Steven Chene, Thomas Colwin (Chairperson), Mercedes Fernandez, Lorraine Gross, Charles Grover, Robin Pettersen, 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 and Dance department will provide you a number of opportunities to acquire the knowledge and experience necessary for a successful career in theatre, 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 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. 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 6 200-level practicum credits and a maximum of 8 300-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 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. THTR 133-485 MGR C RLS
8. SELECT 3 - 4 CREDITS FROM 1 OPTION
 - a. THTR 133-242 AND DNCE 131-141
 - b. THTR 133-252
 - c. THTR 133-307
9. SELECT 5-6 CRED OF THEATRE/DANCE ELECTIVES, DEPENDING UPON THE OPTION USED IN #8.

CREDIT OUTSIDE 1ST MAJOR - THTR 133 (70)

1. SELECT A MINIMUM OF 70 CREDITS OUTSIDE THE 1ST MAJOR RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

THEATRE BFA PERFORMANCE EMPHASIS (78 CR)

MAJOR - 78 CREDITS

1. THTR 133-110, 133-120, 133-251 AND 133-252
2. SELECT 1 CRED FROM COURSE THTR 133-206
3. THTR 133-242 AND 133-332
4. THTR 133-485 MGR C RLS
5. SELECT 12 CRED FROM HISTORY/LIT COURSES THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
6. THTR 133-328, 133-330 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 133-345, 133-360, 133-433, 133-454, SPCH 166-234, 166-337, 166-356, MUSC 150-177, P ED 440-115, DANCE (131) COURSES OR OTHER COURSES APPROVED BY THE DEPARTMENT

THEATRE BFA DESIGN/TECHNOLOGY EMPHASIS (78 CR)

MAJOR - 78 CREDITS

1. THTR 133-110, 133-120, 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. THTR 133-485 MGR C RLS
6. SELECT 12 CRED FROM HISTORY/LIT COURSES THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
7. THTR 133-345 AND 133-454
8. THTR 133-343 OR 133-354
9. TWO SEMESTERS OF THTR 133-460

10. 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
11. THTR 133-499
12. IN CONSULTATION WITH ADVISER SELECT 18 CRED FROM COURSES THTR 133-320, 133-343, 133-354, 133-360, 133-433, 133-460, ART HIST (115) COURSES, OR OTHER COURSES APPROVED BY DEPARTMENT

THEATRE BFA MANAGEMENT/PROMOTION EMPHASIS (78 CR)

MAJOR - 78 CREDITS

1. THTR 133-110, 133-120, 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. THTR 133-485 MGR C RLS
6. SELECT 12 CRED FROM HISTORY/LIT COURSES THTR 133-346, 133-369, 133-471, 133-472 AND 133-478
7. THTR 133-307, 133-354 AND 133-360
8. SELECT 1 CRED FROM COURSE THTR 133-202
9. SPCH 166-202 AND 166-203
10. SELECT 3 CRED FROM COURSES THTR 133-207 AND 133-309
11. THTR 133-499
12. IN CONSULTATION WITH ADVISER SELECT 20 CRED FROM COURSES THTR 133-300, 133-302, 133-433, ARTS 100-215, ART 110-180, ACTG 210-244, MGNT 250-301, 250-320, JOUR 164-245, 164-303, 164-320, 164-321, SPCH 166-242 OR OTHER COURSES APPROVED BY THE DEPARTMENT

Note: Each student in this 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 3.0 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 - 32 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

MAJOR - 42 CREDITS

1. THTR 133-110, 133-120, 133-242, 133-251, 133-252, 133-325, 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 - 3 CREDITS

1. THTR 133-485 OR ENGL 680-370 (IF ENGLISH IS SECOND MAJOR) MGR C RLS

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 COURSES

COURSE DESCRIPTIONS

*(*Scheduling of offerings is subject to change. When not indicated otherwise, offerings are every term.)*

100-215 THE FINE ARTS IN WESTERN CULTURE - GI - 3 cr

A team-taught course designed to study the interrelationships of Art, Music, Theatre and Dance in the Western world. The emphasis is on the importance of the fine arts in society and their similarities and differences in both style and content. Offered occasionally.

THEATRE (133)

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. Offered each fall*.

Prereq: 133-100 or 133-110 (or con reg) and Theatre major/minor or cons inst.

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: 100-105 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 a 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 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 - .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 each fall*.

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 even-numbered falls*.

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 each fall*.

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.

133-300/500 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.

133-307/507 THEATRE MANAGEMENT AND PROMOTION - 3 cr

A study of theory and practice in theatre management, including ticket office procedures, house management, publicity and promotion and the special problems in educational, community and professional theatre. Offered even-numbered

springs*.

Prereq: 133-100 or 133-110 or cons instr.

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 - THEATRE MANAGEMENT - 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 semester. 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 odd-numbered falls*.

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 even-numbered springs*.

133-328/528 VOCAL PRODUCTION AND STAGE 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 each spring*.

Prereq: 133-120 or consent of instructor.

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. Offered each spring*.

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. Offered every fall*.

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 of theatrical costuming, including the process of costuming a play and the fundamentals of pattern making and costume construction. Construction of a costume is required. Offered odd-numbered springs*.

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 odd-numbered falls*.

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.
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 even-numbered springs*.

Prereq: 133-251 or consent of instructor.

133-360 THEATRE OPERATIONS AND MANAGEMENT - 3 cr

A study of duties and requirements of theatre stage management, house management, ticket office management and supervision of theatre arts personnel in professional, educational and community environments. Offered odd-numbered falls*.

Prereq: 133-100 or 133-110 or consent of instructor.

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.

133-422 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 odd-numbered springs*.

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 even-numbered springs*.

Prereq: 133-332 or cons instr.

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 even-numbered falls*.

Prereq: 133-100 or 133-110 or cons instr.

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 even-numbered falls*.

133-472/672 THEATRE HISTORY AND DRAMA: 1550 TO 1830 - 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 odd-numbered springs*.

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 even-numbered springs*.

133-485 THEATRE CRITIQUE - 3 cr

A critical study of past and present principles for evaluating the theatre arts, emphasizing dramatic theory and criticism. Writing assignments include scholarly research, "think" pieces and dramatic criticism. This course satisfies the writing course required for graduation by majors in Theatre. Offered odd-numbered springs*.

Prereq: Jr st, and 6 credits in theatre history.

133-490/690 WORKSHOP - Repeatable - 1-6 cr

Offered on demand.

133-491 TRAVEL STUDY - Repeatable - 1-3 cr

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-semester 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.

MINOR/EMPHASES

DANCE

MINOR - 24 CREDITS

1. DNCE 131-110, 131-141, 131-144, 131-145, 131-200, 131-243, 131-244, 131-320 AND 131-420
2. 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

MINOR/EMPHASES

DANCE (131)

*(*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. Fulfills General Studies requirements for physical education. Offered each semester*.

131-144 JAZZ DANCE - GA - 2 cr

This course includes a brief evolution and history of jazz dance. Integrated with dance techniques are different styles of jazz dance as practiced today. Repeatable. Offered each fall*.

131-145 BALLET I - GA - 2 cr

The Beginning Ballet course will provide instruction in the basis 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 large movements across the floor. Students will also be taught the French terminology for movements learned. Offered each semester*. Repeatable two times for a maximum of 4 credits in degree.

131-200 PRACTICUM - DANCE PERFORMANCE - 1 cr

Open to students through audition by the dance faculty. A variable credit 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 choreographing, rehearsing and performing at times specified by the instructor. Repeatable. Offered every fall, students 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 Fall '96, Spring '98, Fall '99*.

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 semesters of Ballet I before attempting Ballet II, or cons instr. May be repeated for a total of four credits.

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 Fall '95, Spring '97, Fall '98.

131-330 PERFORMANCE ART - 2 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. Offered occasionally.

131-345 CREATIVE DANCE FOR CHILDREN - 2 cr

Exploring and improvising dance experience on the child's level with emphasis on an increasing ability to use movement creatively. Offered occasionally.

Prereq: 131-243 or cons instr.

131-346 BALLET III - 2 cr

A participation course designed for 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 semesters of Ballet II or cons instr.

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 Spring '96, Fall '97, Spring '99.

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.

131-499 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

College of Business & Economics

Joseph S. Domitrz, Dean

Harish C. Batra, Associate Dean

Donald K. Zahn, Assistant Dean

Janet Olson, Undergraduate Outreach Counselor

DEPARTMENT CHAIRPERSONS

Accounting

Roy C. Weatherwax

Business Education and Office Systems

Marcia James

Economics

Kirk Kim

Finance and Business Law

John Howat

Management

Marketing

Raja Velu

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. Woven throughout the program is intensive study in a chosen major area of activity to provide you with an understanding of the total economic and social system and its relationship to the individual.

The four-year program leading to the Bachelor of Business Administration degree is composed of four phases. The first phase is the University's General Education program. The second phase is the lower division tool requirements of the College of Business and Economics. The third phase is the upper division program consisting of the College of Business and Economics core requirements which provide a broad background in the fundamentals of business. The fourth phase includes the courses that make up the 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 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 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 meeting.

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 have completed 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 on a satisfactory/no credit (S/NC) basis or any BBA degree requirements (unique/lower/upper) 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, office systems and production operations management. The general business major is administered by the Assistant Dean. Students desiring majors in accounting, finance, general business, office systems, 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 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 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 Centers at Waukesha and Janesville 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, MS (Accounting) or MS (Office Systems) degree can be earned through a program of graduate study on the Whitewater, Waukesha, and Janesville 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:

MBA Accounting
MBA Business Education
MBA Decision Support System
MBA Finance
MBA International Business
MBA Management
MBA Managerial Economics
MBA Marketing
MS Accounting
MS Office Systems

UWC-Waukesha:

MBA Finance
MBA Management
MBA Marketing UWC-Rock:

MBA Foundation and Breadth Elective Courses

These programs are identical to those offered in the full-time college program at Whitewater. The same admission standards, faculty, and courses are utilized.

1. Bachelor's Degree Program in Business - A program tailored for the adult who desires to earn a business degree is offered at three locations. Courses are scheduled at night and during the summer to meet student needs. Freshman-sophomore courses and some junior-senior courses are available at the Waukesha and the Janesville Centers. All four years of baccalaureate degree work are available at Whitewater. Special advising and simplified enrollment procedures are provided.
2. 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 pre-requisites 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.
3. 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.

LEADERSHIP AND MILITARY SCIENCE EDUCATION

The Department of Leadership and Military Science 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 whatever the students' 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.

STUDENT ORGANIZATIONS

HONORARY SOCIETIES

Pi Omega Pi, a national honorary scholastic society for business education students, limits membership to second-semester 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 semester hours 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 semester hours of graduate work, including at least three hours 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, and special events. Membership is open to any student interested in marketing.

American Production and Inventory Control Society (APICS) is the campus student organization for anyone with interests in the field of production, inventory, forecasting, quality control, shop floor controls, purchasing, capacity planning or 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.

Data Processing Management Association 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 DPMA 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 an Office Systems Careers Day, writing an Alumni Newsletter, publishing the national OSRA's quarterly newsletter, offering computer software training seminars, and hosting an Office Systems Expo 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 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.

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.

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 a minimum of one hundred twenty (120) credits in the following areas is required:

University Proficiency

General Education

Diversity and Writing Proficiency

College/Major (and minor if required:)

Degree: unique requirement

1. MATH 760-143 (GM)
2. ECON 230-211 (GS) and 230-212 (GS)
3. MATH 760-243 (GM) or 760-250 (GM) or 760-253 (GM) (MCS majors may not elect 760-243)
4. ENGL 680-370 (Accounting majors only)

Lower Division core requirements

1. 3 cr. 210-244 Accounting Concepts
2. 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
3. 3 cr. 230-245 Business Statistics
4. 3 cr. 250-211 Data Processing (MCS majors take 765-162 Computer Applications and 765-171 Introduction to Programming)

Upper Division core requirements

1. 3 cr. 250-301 Organizational Behavior

2. 3 cr. 250-306 Production Concepts
3. 3 cr. 240-341 Business and Commercial Law
4. 3 cr. 260-311 Marketing Principles
5. 3 cr. 240-344 Business Finance
6. 3 cr. 220-353 Business Communication
7. 3 cr. 250-489 Administrative Policy
8. 1 cr. 220-388 Career Information
9. 3 cr. 240-342 Advanced Business and Commercial Law (Accounting majors only)

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

1. 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, 260-339,

260-349, 260-432, 260-442

2. 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

1. SELECT 12 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
2. 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 INTERNATIONAL EMPHASIS (BBA)

MAJOR - 24 CREDITS

1. RELG 786-210
2. SPCH 166-424 AND PSCI 820-351
3. SELECT 15 CRED FROM COURSES

ECON 230-360, 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

1. SELECT 16 CRED FROM FOREIGN LANGUAGE

DEPARTMENT INCLUDING RETRO CREDIT FOR
PREVIOUS LANGUAGE STUDY

GENERAL BUSINESS LAW EMPHASIS (BBA)

MAJOR - 24 CREDITS

1. FNLW 240-342, 240-442 AND 240-443
2. FNLW 240-455 AND PSCI 820-360
3. SELECT 11 CRED FROM COURSES

ACTG 210-451, FNLW 240-348, 240-446,
240-457, 240-458, 240-460, 240-464,

240-496, ENGL 680-370, PSCI 820-317,

820-413, 820-414, 820-415 AND 820-419

DEPARTMENT OF ACCOUNTING

Faculty: Harold Averkamp, Laurie Barrett, Peter Barton, James Fischer, Karl Fraedrich, Robert Gruber, Lyal Gustafson, Kenneth Macur, Han Min, Michael Piasecki, 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. The accounting

program is accredited by the Wisconsin Accounting Examining Board. The graduate and undergraduate programs are also accredited by AACSB. Graduates are qualified to sit for the Certified Public Accountant examination and all other professional accounting certification examinations.

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 AND 210-461
3. ACTG 210-454 AND 210-463
4. ACTG 210-452
5. ACTG 210-465

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. 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 accountingGPA 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.

DEPARTMENT OF ACCOUNTING

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

Interpretation and application of accounting principles and standards involving current assets and liabilities, the accounting cycle along with internal and external reporting of operations in these areas.

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

Interpretation and application of accounting principles involving other financial accounts not dealt with in 210-541 as well as leases, pensions, income taxes, and price-level adjusted statements.

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 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 information systems. The impact of computers and data transmission on the gathering, processing and reporting of financial and operating information. Applications in basic financial systems with emphasis on the information requirements for business decision making and internal control over data processing.

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 Pronouncements 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: 210-343 and 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: 210-343 and 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 - 2-3 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 AND OFFICE SYSTEMS

Faculty: R. Neil Dortch, Mellanie Herbert, Mary Margaret Hosler, Marcia James (Chairperson), Richard James, Jean Mausehund, Larry Pagel, Robert Schramm, Donald K. Zahn.

The Business Education program at this university is nationally known. The program won the National Programs of Excellence Award in 1994. Business teachers are prepared in content and methodology which are complemented by field experiences. Graduates are marketable in education and business settings.

The Office Systems 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

BUSINESS EDUCATION (BSE)

LICENSURE - 37 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

MAJOR - 54 CREDITS

1. B ED 220-245, 220-252, 220-255 AND
ECON 230-212
2. ACTG 210-244, B ED 220-345, 220-353,
FNLW 240-341 AND MKTG 260-311
3. ACTG 210-341, B ED 220-344, 220-447,
220-460 AND 220-461
4. B ED 220-489
5. SELECT 12 ELECTIVE BUSINESS CREDITS EXCEPT
ECON 230-211

MAJOR - UNIQUE REQUIREMENT - 3 CREDITS

1. ECON 230-211 (GS) RLS

BUSINESS EDUCATION COMPREHENSIVE EMPHASIS (BSE)

LICENSURE - 39 CREDITS

1. EDFD 423-212 AND 424-425
2. EDFD 420-243
3. C&I 437-441, 437-442, 437-443, 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

MAJOR AND WRITING - (54 CR)

1. B ED 220-242, 220-245, 220-252, 220-255 AND
ECON 230-212
2. ACTG 210-244, B ED 220-345, 220-353, FNLW
240-341 AND MKTG 260-311
3. ACTG 210-341, B ED 220-344, 220-447, 220-460
AND 220-461
4. B ED 220-489

5. SELECT 9 ELECTIVE BUSINESS CREDITS
EXCEPT ECON 230-211

MAJOR - UNIQUE REQUIREMENT (3 CR)

1. ECON 230-211 (GS) RLS

**BUSINESS EDUCATION MARKETING EDUCATION COMPREHENSIVE
(BSE)**

LICENSURE - 33 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

MAJOR - 54 CREDITS

1. B ED 220-143, 220-252 AND ECON 230-212
2. ACTG 210-244, B ED 220-353 AND MKTG 260-311
3. B ED 220-360, 220-447, 220-460 AND 220-461
4. B ED 220-361, 220-362, 220-363 AND 220-462
5. B ED 220-364 AND 220-489
6. SELECT 13 ELECTIVE BUSINESS CREDITS
EXCLUDING ECON 230-211

MAJOR - UNIQUE REQUIREMENT - 3 CREDITS

1. ECON 230-211 (GS) RLS

OFFICE SYSTEMS MAJOR

OFFICE SYSTEMS (BBA)

MAJOR - 27 CREDITS

1. B ED 220-255, 220-345, 220-348,
220-445, 220-454 AND MGNT 250-320
2. SELECT 9 CRED FROM COURSES
B ED 220-245, 220-354, 220-365 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 office systems, a minor has been developed. See PROFESSIONAL MINOR IN BUSINESS STUDIES in the College of Letters and Sciences section for requirements.

COURSE DESCRIPTIONS

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.

220-143 KEYBOARDING AND INTRODUCTION TO DOCUMENT PROCESSING - 2 cr

Offered on a satisfactory/no credit basis only. The development of the fundamentals of keyboarding and the introduction to computerized document formatting. Open to all who have had less than one year of high school typewriting (information processing) or its equivalent or cons instr.

220-241 SHORTHAND I - 3 cr

Complete introduction to shorthand theory. Development of skill in reading, writing, and transcribing shorthand. Students who have had a year of shorthand instruction will not receive credit for this course without the advance written permission of the instructor.

220-242 NOTE TAKING - 3 cr

The study of an alphabetically based system of note taking for classroom and employment environments. Students will learn a speed writing system, study skills, and note taking skills. The course is open to students who desire to increase study and notetaking skills. The course meets Department of Public Instruction licensure requirements for Business Education majors. Keyboarding and document processing skills would be helpful.

220-244 DOCUMENT PROCESSING I - 3 cr

The development of the basic skills of speed and accuracy in keyboarding and further refinement of formatting skills for business documents and personal-use correspondence.

Prereq: Prior keyboarding experience or consent of instructor.

220-245 DOCUMENT PROCESSING II - 3 cr

Continued speed and accuracy skill-building techniques and advanced skill development in computerized document formatting.

Prereq: 220-244 or consent of instructor.

220-252 MICROCOMPUTER APPLICATIONS FOR VOCATIONAL EDUCATORS - 3 cr

Introductory course in APPLE microcomputers as a teaching aid. Skills in operation of the microcomputer and support hardware will be developed. Commercial productivity software will be used to learn about word processing, data base, spreadsheet, graphics, and electronic communication as well as commercial and shareware software for computer-aided instruction. This course is primarily for Business Education majors and is not a programming course.

220-255 OFFICE SYSTEMS AND TECHNOLOGIES - 3 cr

The course provides a comprehensive overview of technology solutions for the organizational and end-user environment, including software packages, operating systems, and hardware considerations. Students will analyze, select, and evaluate computer software and hardware to address business needs. The course also emphasizes the development of business applications using various computer software packages.

Prereq: Keyboarding ability or cons instr.

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.

220-345 OFFICE SYSTEMS PLANNING AND IMPLEMENTATION - 3cr

This course covers the planning, implementation and evaluation stages of end-user information systems development with particular emphasis upon employee and work group interaction. Students also build upon their knowledge of computer software packages and gain the ability to define and solve business end-user related systems methodologies through case of field projects. Prereq: 220-255.

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 or cons instr.

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.

220-354 ADMINISTRATIVE COMMUNICATION - 3 cr

Application of information technology to the internal communication of professionals who work in environments with automated information and communication systems. Oral and written reports, systems-related documents (reports, proposals, and procedures), and systems documentation for users are included; the human factors of communication in a technological environment are emphasized.

Prereq: 220-353.

220-355 BUSINESS COMMUNICATION TECHNOLOGIES - 1 cr

A highly recommended supplement to 220-353 Business Communication; students learn how to use the latest technology to produce professional documents and visuals.

Prereq: Open to all business majors; keyboarding or document processing helpful.

220-360 MERCHANDISE ANALYSIS - 2-3 cr

A study of two types of merchandise-textiles and non-textiles. The study of textiles will include the production and manufacturing process from fiber to finished fabric, textile terminology, and trade names; identification, testing of fibers, and care of fabrics. Materials, other than textiles, used in the creation of merchandise are covered through the study of raw materials. Categories of merchandise studies will include leather goods, floor coverings, glass, pottery and china, and furniture.

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 for retail merchandise. Designed to familiarize students with aspects of visual merchandising from window and interior display standpoints. Also included are store layout techniques. Intended for students who plan to teach appropriate business courses or to work in 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.

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 RECORDS 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.

220-447/647 DATA PROCESSING FOR BUSINESS TEACHERS - 3 cr

This course is a study of the concepts, procedures, and hardware used in business with an introduction to program development, telecommunications, and multimedia. An understanding will be gained of how data processing can be integrated throughout the business education curriculum.

220-454 INTEGRATED OFFICE 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 office systems management concerns.

Prereq: 220-255, 220-345, 220-348.

220-460/660 PRINCIPLES OF VOCATIONAL 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 Board of Vocational, Technical and Adult Education.

220-461/661 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL 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 office systems 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.

220-489 CAREER INFORMATION - 1 cr

Offered on a satisfactory/no credit basis only. Discussion focuses on teaching as a profession and includes the current issues confronting business educators. Students develop their placement file and become acquainted with the job search process.

(Open to those entering the teaching profession. Should be taken one semester before graduation.)

220-490/690 BUSINESS EDUCATION WORKSHOP - 1-3 cr

Repeatable. Prereq: Jr or sr st and cons instr.

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

Faculty: Ashok Bhargava, John Dominguez, Joseph Domitrz, Stuart Glosser, Kirk Kim (Chairperson), Jerome Laurent, L. Denton Marks, Susan Parks, Stuart Rich, Thomas Schweigert, Donald Silva, Sandra Snow, Gerald Weston, Abdullah Zarinnia.

Economics is a social science about choice - how to make rational decisions in light of both existing technology and society's values. It offers incisive analytic skills of great power and usefulness in many important areas. Thus, persons holding degrees in economics hold an impressively wide variety of jobs. Economists are increasingly sought in urban planning, health care administration, human resource development, transportation planning, and environmental agencies, to name a few. Students in economics have been able to begin or advance their careers in business, government, journalism, law, teaching, research and administration, banking and other financial institutions.

MAJORS/EMPHASES

ECONOMICS (BBA)

MAJOR - 21 CREDITS

1. ECON 230-345, 230-411 AND 230-412
2. SELECT 12 CRED (COURSE LEVEL 300 OR 400) FROM ECONOMICS DEPARTMENT

ECONOMICS (BA/BS)

Students in the College of Letters and Sciences are required to have:

1. a minimum overall GPA of 2.5.
2. a minimum grade point of 2.5 in their major.

MAJOR - 27 CREDITS & 2.50 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

ECONOMICS (BSE)

LICENSURE - 39-41 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

MAJOR - 34 CREDITS

1. ECON 230-245, 230-404, 230-411, 230-412 AND 230-459
2. ECON 230-212 OR 230-213
3. SELECT 16 CRED (COURSE LEVEL 300 OR 400) FROM DEPT ECON 230

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 - 39-40 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 437-430
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

MAJOR - 54 CREDITS

1. ECON 230-245, 230-404, 230-411, 230-412 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

WRITING - 3 CREDITS

1. B ED 220-353 RLS

SOCIAL STUDIES BROADFIELD - ECONOMICS II EMPHASIS (BSE)

LICENSURE - 39-40 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 437-430
 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

MAJOR - 54 CREDITS

10. ECON 230-245, 230-404, 230-411 AND 230-412
11. ECON 230-212 OR 230-213
12. SELECT 7 ELECTIVE CRED FROM ECONOMICS COURSE LEVEL 300 OR 400
13. SELECT 32 CRED FROM AT LEAST 3 OF THE SOCIAL SCIENCE AREAS

WRITING - 3 CREDITS

14. B ED 220-353 RLS

MINOR/EMPHASES

ECONOMICS - L&S EMPHASIS

MINOR - 20 CREDITS

15.ECON 230-211 AND 230-212

16.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.

ECONOMICS EDUCATION EMPHASIS

MINOR - 22 CREDITS

17.ECON 230-211, 230-212 AND 230-459

18.SELECT 13 CRED FROM ECONOMICS NUMBERED 230-240 OR HIGHER

COURSE DESCRIPTIONS

230-105 GLOBAL PERSPECTIVES - ECONOMICS

GS - 3 cr

This course exposes students to core ideas and key social science concepts essential to a basic understanding of international trends and problems and issues of regional and global importance. It focuses primarily on a set of economic concepts students can use to make better personal decisions and to think more logically and critically about a wide range of social phenomena.

May not be taken on an S/NC grade basis.

Unreq: 722-105, 820-105.

230-211 ECONOMIC PRINCIPLES, PROBLEMS AND POLICIES

GS - 3 cr

An introduction to economic resources and the institutions and processes of a market economy, including supply and demand, money, the level of income and employment and the economic role of government. Conventional grade basis only if course is required in the College of Business for major.

230-212 ECONOMIC PRINCIPLES, PROBLEMS AND POLICIES GS - 3 cr

Continuation of 230-211 with emphasis on the price-determining process, market structures, the distribution of income, economic growth and development and international economic relations. Conventional grade basis only if course is required in the College of Business for major.

Prereq: 230-211 or cons dept chp. Unreq: 230-213.

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: Soph st. Unreq: 230-212.

230-245 BUSINESS STATISTICS I - 3 cr

An introduction to descriptive statistics, probability and expectations, theoretical distributions, sampling distributions, hypothesis testing, correlation and regression analysis. The course emphasis is on the use, application and interpretation of statistical techniques.

Prereq: 760-143

230-245A BUSINESS STATISTICS I - COMPUTER APPLICATIONS - 1 cr

This is a laboratory course on how to use the computer to conduct statistical analysis of data. Topics to be covered are data organization and input, data display using graphic and tabular techniques, descriptive statistics, and data analysis procedures. The course is designed to complement and illustrate applications of the procedures covered in 230-245 Business Statistics I.

Prereq: 760-243, 760-250 or 760-253, concurrent registration with 230-245.

230-324 COOPERATIVES - 2 cr

A study of production, marketing, consumer and service cooperatives. Also covers history, principles, theory of co-operation, 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: 230-211 and 230-212.

230-345/545 BUSINESS STATISTICS II - 3 cr

Development of probability theory and distributions, frequency and sampling distributions, inferential statistics including estimation, hypothesis testing and Bayesian techniques, decision theory under uncertainty, multiple correlation and regression, time series analysis, analysis of variance, and statistical use of computers. Applications oriented to business and economics.

Prereq: 230-245.

230-353 ECONOMICS OF LABOR MARKETS AND LABOR POLICIES - 3 cr

A study of the demand for and supply of labor and the behavior of the labor market with particular emphasis upon economic models of the market and the intended and unintended effects of public policy.

Prereq: 230-212.

230-354 MONEY AND BANKING - 3 cr

The nature of money, types, monetary standards. Survey of monetary and banking history. Structure and functions of commercial and central banks and other financial institutions. Monetary theories. Analysis of instruments of credit control.

Prereq: 230-211.

230-356 PUBLIC FINANCE - 3 cr

Economic analysis of public sector issues in relation to the overall economy including the role of the public sector, and the effects of government expenditures, taxation and borrowing on the allocation and distribution of resources and stability of the U.S.

economic system.

Prereq: 230-211, 230-212.

230-357 ECONOMICS OF TRANSPORTATION - 3 cr

A study of the relationship between transportation and economic and cultural development. Evolution of technological improvements in transportation; development of water, railroad, highway and air transportation in the United States. Transportation economics and rate making, legislative and regulatory provisions and analysis of current transportation problems and trends.

Prereq: 230-211.

230-360 ECONOMIC DEVELOPMENT - 3 cr

A study of the economic growth and development of nations, models and determinants of economic growth and development. The economic growth of some advanced and some underdeveloped countries. Comparative rates of progress in different countries.

Prereq: 230-212 or cons instr.

230-401 INTERNATIONAL ECONOMICS - 3 cr

The scope, nature and economic basis of international trade. Analysis of foreign exchange, balance of payments, foreign investment. Trade barriers and international cooperation.

Prereq: 230-211.

230-402 BUSINESS CYCLES AND FORECASTING - 3 cr

History of economic fluctuations, description of phases of the cycle, theories as to causes, control measures.

Prereq: 230-212.

230-404/604 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: 230-212.

230-406 INTERNATIONAL FINANCE AND BANKING - 3 cr

Describes and analyzes the institutions of international finance, explains their operations and functions; outlines the nature, use and significance of the procedures and instruments, and presents the theoretical aspects of the subject in relation to practice.

Prereq: 230-212; 230-354 and 230-401 highly recommended.

230-411/611 INTERMEDIATE MICROECONOMIC ANALYSIS - 3 cr

Price and modern microeconomic theory, pricing of products and factors of production under different market structures; modern approaches to theories of consumption and production; general equilibrium theory.

Prereq: 230-212.

230-412/612 INTERMEDIATE MACROECONOMIC ANALYSIS - 3 cr

Income and modern macroeconomic theory; general aggregative systems; national income determination theory; composition and measurement of the national income; analysis of income generation; government policy.

Prereq: 230-212.

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: 230-212 and 760-243 or 760-250 or 760-253 or permission of the instructor.

230-431 ECONOMICS OF MULTINATIONAL ENTERPRISE - 3 cr

The course examines the development of multinational enterprise. The tools of economic analysis are used to assess the impact of multinational enterprises on trade, investment, and development of individual nations, as well as the world economy.

Prereq: 230-212.

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: 230-212 and 230-245.

230-438/638 URBAN ECONOMICS - 3 cr

Focuses on the important aspects of urban economics; the theory of housing, location, property values and race, slums and urban renewal, public policy and the urban environment. Practical aspects of proposed solutions.

Prereq: 230-211 or equiv.

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: 230-212 or cons instr.

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: 230-211 and 230-212 or consent of instructor

230-451/651 THE ECONOMIES OF ASIA - 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: 230-211 and 230-212.

230-459/659 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 efforts in these economies.
Prereq: 230-212.

230-461 FORECASTING METHODS IN BUSINESS AND ECONOMICS - 3 cr

Approaches and techniques for forecasting business and economic time series will be developed and evaluated. The techniques covered include regression, smoothing, decomposition, and Box-Jenkins time series models. Applications and use of the computer to analyze data and generate forecasts will be emphasized.
Prereq: 230-245.

230-471 NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS - 3 cr

The first part of the course covers the economics of renewable and non-renewable resource use. This includes supply, demand, pricing and factor rewards under competitive and non-competitive market structures for things such as land, water, fisheries, forests, petroleum and minerals. The final part of the course deals with pollution and environmental protection.
Prereq: 230-211 and 230-212; 230-411 recommended.

230-490/690 WORKSHOP - 1-3 cr

Repeatable

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

Faculty: Peter Barrett, Harish Batra, Ronald Crabb, Frances Hill, John Howat (Chairperson), Michael Laird, Laurian Lytle, Abdol Moini, James Molloy, Howard Olson, Donald Sorensen, John Sullivan, Janet Thatcher, John Thatcher, James Van De Bogart.

The Department of Finance and Business Law offers a variety of educational opportunities. Finance is basically 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. FNLW 240-345, 240-360, 240-444, AND 240-456
2. SELECT 12 ELECTIVE CRED FROM COURSES ACTG 210-342, 210-343, 210-451, ECON 230-345, 230-354, 230-356, 230-402, 230-406, 230-411, 230-412, 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 210-342, 210-343 AND 210-451 SET 2: ECON 230-345, 230-354, 230-356, 230-402, 230-406, 230-411 AND 230-412

FINANCE: INSURANCE EMPHASIS (BBA)

MAJOR - 24 CREDITS

1. FINC 240-345, 240-360, 240-444 AND 240-456
2. FINC 240-446, 240-464 AND 240-460
3. ECON 230-345 OR FINC 240-442

FINANCE: REAL ESTATE EMPHASIS (BBA)

MAJOR - 24 CREDITS

1. FINC 240-345, 240-360, 240-444 AND 240-456
2. FINC 240-348, 240-457 AND 240-458
3. FINC 240-442 OR ACTG 210-451

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

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 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.

240-420/620 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. Repeatable.

Prereq: 240-345.

240-442/642 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 and sr st.

240-446/646 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.

240-456/656 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.

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

240-460/660 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

240-464/664 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

240-490/690 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

Faculty: Peggy Anderson, Reginald Beal, Gary Benson, Tom Bramorski, Christine Clements (Chairperson), William Drago, Eliezer Geisler, Yezdi Godiwalla, Iza Goroff, Jerry Gosenpud, P. Daniel Hancock, Robert Leitheiser, Manohar Madan, David Munro, Marcia Pulich, George Sargent, Robert Sauer, Dale Scharinger, James Sisak, Atlee Svano, Richard Wagner, John Washbush, Alla Wilson.

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), and safety management. 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

MANAGEMENT (BBA)

MAJOR - 24 CREDITS

1. MGNT 250-369 AND 250-419
2. SELECT 9 CRED FROM COURSES MGNT 250-310, 250-385, 250-410, 250-486, 250-488, 250-493, 250-496 AND 250-498 (INTERNSHIPS STRONGLY ENCOURAGED).
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 GENERAL MANAGEMENT CONTEXT.

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

HUMAN RESOURCE MANAGEMENT-SAFETY EMPHASIS (BBA)

MAJOR - 24 CREDITS

1. MGNT 250-320 AND 250-428
2. SFTY 462-380, 462-483, 462-484 AND 462-485
3. SELECT 6 CRED FROM COURSES FNLW 240-446, MGNT 250-493, SFTY 460-381, 460-453, 460-488, 462-381, 462-383, 462-480, 462-486, 462-489, 463-420 AND CMDS 510-444

PRODUCTION OPERATIONS MANAGEMENT (BBA)

MAJOR - 24 CREDITS

1. MGNT 250-450, 250-455, 250-456 AND 250-480
2. SELECT 1 COURSE FROM EACH GROUP **GROUP 1** MGNT 250-471 OR 250-484
GROUP 2 MGNT 250-351, 250-445, 250-460, 250-486 OR MKTG 260-436
GROUP 3 MGNT 250-465, 250-466 OR 250-493
GROUP 4 MGNT 250-351, 250-445, 250-460, 250-465, 250-466, 250-471, 250-484, 250-486, 250-493 OR MKTG 260-436
 THE SAME COURSE CANNOT BE USED IN MORE THAN ONE GROUP

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 inter-disciplinary 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.

LIBERAL ARTS ELECTIVE REQUIREMENT- 15 CREDITS

1. IN CONSULTATION WITH ADVISER COMPLETE 15 SELECTED CREDITS FROM THE HUMANITIES, SOCIAL SCIENCES (EXCEPT ECONOMICS), NATURAL SCIENCES AND MATHEMATICS.

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.

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: 760-143 or 760-152.

250-301 ORGANIZATIONAL BEHAVIOR - 3 cr

A study of the behavior and attitudes of people in an organizational setting; the organization's effect on their perceptions, feelings, and actions; and their effects on the organization, particularly how their behavior affects the achievement of the organization's purposes.

250-306 PRODUCTION CONCEPTS - 3 cr

The study of modern operations concepts and models applicable to the production of goods or services in both the private and public sectors. An examination of the planning, organizing, and controlling of the conversion of a set of inputs into desired output.

Prereq: 760-143, and (760-231 or 230-245), and (765-171 or 250-211), or equiv.

250-310 MANAGEMENT CONCEPTS - 3 cr

An introductory study of the principles and concepts which are an integral part of the management function. Specifically, a study of such elements as management history and philosophy, the process of management decision making, planning, organizing, actuating and controlling.

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.

250-351/551 PRODUCTIVITY ANALYSIS - 3 cr

Deals with key functions of Work Simplification and Work Measurement in implementing cost reduction. Work Simplification training programs have proven especially successful in a wide variety of companies. Work Measurement often establishes the required time for an operation. Standard Data and Methods Time Measurement are additional areas studied.

Prereq: 250-306 or con reg.

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.

250-376 COBOL PROGRAMMING - 3 cr

Designing, writing, debugging, testing and documenting computer programs using a high-level computer language. Program problems cover a variety of business applications. Emphasis is on structured program design, writing easily maintained and modified programs, and maintenance and updating of data files stored on magnetic tape.

Prereq: 250-211 or 765-171 or 220-477 or con dept. This course is not open to Management Computer Systems majors and those who have completed 950-232.

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 practical approach to grass-roots, real-world problems in managing the small business. Designed to develop an understanding within which small business

concerns function.

Prereq: 240-344.

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 equiv.

250-419 ORGANIZATIONAL THEORY AND EFFECTIVENESS - 3 cr

Major concepts of management and organization theory would be reviewed and integrated with selected concepts from organizational behavior, as are relevant to organizational effectiveness.

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) and 230-245.

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 for PPA majors).

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 MANAGEMENT OF PRODUCTION QUALITY - 3 cr

Focuses on the Statistical Process Control (SPC) and the Total Quality Control (TQC) concepts. Stresses the importance of teamwork at all stages of the production cycle from product design through end usage in a way consistent with the Deming approach. A plant tour and a guest lecture by a practicing manager will develop familiarity with a spectrum of practical quality issues. Other relevant topics such as acceptance sampling and elements of Taguchi methods for variance reduction are also discussed.

Prereq: 250-306.

250-450 MANUFACTURING PLANNING AND CONTROL I - 3 cr

Both Manufacturing Planning and Control I and Manufacturing Planning and Control II are structured around the concepts of the Closed Loop Manufacturing Control System and incorporate the American Production and Inventory Control Society's common body of knowledge. Manufacturing Planning and Control I includes the study of Inventory Management and its related topics of inventory functions, ACB analysis, cycle counting, ordering systems and lot sizing techniques; Material

Requirements Planning, Distribution Requirements Planning. The emphasis is on the concepts and their application in a modern manufacturing environment.

Prereq: 250-306.

250-455 MANUFACTURING PLANNING AND CONTROL II - 3 cr

A discussion of Bills of Material, Production Planning and Master Production Scheduling. Capacity Management and Production Activity Control including capacity measurement and control, setting priorities, scheduling, loading and performance and productivity measurement are studied. Emphasis is on the interrelationship of these techniques and their application in a modern manufacturing environment.

Prereq: 250-306.

250-456 MODERN MANUFACTURING SYSTEMS - 3 cr

A study of the latest concepts and techniques used in manufacturing systems. How material is received, handled, stored and moved and the type of control used in these activities is continually changing. This course introduces concepts and techniques such as Automatic Storage and Automatic Retrieval (AS/AR), Zero Inventories, Just-In-Time (JIT) and Synchronous Manufacturing. It looks at how they have developed, their applications, advantages, and limitations. Students may have an opportunity to analyze an actual business and report their findings and recommendation in a class presentation.

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 MANUFACTURING MANAGEMENT - 3 cr

An overview course which applies production techniques and concepts to manufacturing organizations through the case study method. Both long-term and

day-to-day problems from actual manufacturing situations are studied.

Prereq: 250-450 and 250-455.

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 OPERATIONS RESEARCH - 3 cr

Allocation of limited resources is the most common decision-making situation encountered by managers. Some of the widely-used techniques in resolving this important problem will be examined. Particular attention will be paid to problem formulation and selection of the appropriate solution technique.

Prereq: 250-211 and 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: 250-310, 250-301, 250-306 or cons dept chp.

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: 250-211 and 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: (250-211 or 765-171) and (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, 250-301, 250-306, 240-341, 240-344, 220-353, and cons of SBI Coordinator.

250-486 SUPERVISORY MANAGEMENT - 3 cr

Techniques of management and human relations involved in first-line supervisory management. Principles and cases in planning, organizing, controlling, communications, discipline, morale, and other phases of the supervisor - subordinate relationship.

Prereq: 250-301 and 85 credits.

250-488 MANAGEMENT SEMINAR - 3 cr

A course required of all management majors and general management minors to provide an integration of the subject matter taken in the management major/minor. Students may be required to work on cases, a seminar paper and a management game. Repeatable.

Prereq: 250-310, 250-301, 250-306 and management major/minor in last semester of program or cons dept chp.

250-489 ADMINISTRATIVE POLICY - 3 cr

A study of the planning of objectives, strategies, goals and policies of an organization from the top management point of view. Course includes policy development, implementation, control, and integration of the technical, social, economic, political and functional activities.

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.

250-494B SEMINAR IN DATA PROCESSING - 3 cr

A seminar course aimed at discussion and investigation of new computer applications in industry. Includes special system studies, discussions with data processing professionals from industry, and field trips to advanced data processing installations.

Repeatable one time in degree.

Prereq: Cons dept chp.

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

To take the course the student must have the approval of a faculty member who will supervise the course and the department chairman, and be currently taking or have completed five management courses. Repeatable for a maximum of 3 credits in major/degree.

PROGRAM OF MANAGEMENT COMPUTER SYSTEMS

Faculty: Robert Bryan, Jacob Gerlach, Iza Goroff, Robert Horton (Coordinator), Jonathan Kane, Robert Leitheiser, David Munro, George Sargent, Robert Siemann, Atlee Svanoe.

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 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 950-220, 950-231, 950-232, 950-320, 950-331, 950-341, 950-431 AND AND 950-451
2. SELECT 3 CRED FROM COURSES
MGNT 250-377, 250-471, 250-484, CPSC 765-271, MATH 760-365, MCS 950-391 AND 950-496

Transfer grades are included in determining eligibility for MCS courses.

COURSE DESCRIPTIONS

950-220 CONCEPTS OF PROGRAMMING - 3 cr

This course teaches students professional program development techniques using the C++ language, correct business programming style and proper program design, debugging and testing techniques, and the use of objects. It also introduces students to relational modeling, design and terminology concepts as well as structured design techniques.

Prereq: 765-171 and 765-162 or 250-211 or concurrent registration in 765-162 or 250-211 and a g.p.a. of 2.50.

950-231 CONCEPTS OF DATA STRUCTURES - 3 cr

Introduction to data structures, using the C++ programming language and object-oriented programming methodology. Covers static and dynamic implementation of data structures, including lists, stacks, queues and trees, in an object-oriented setting, and the use of these structures in a large programming project.

Prereq: 950-220 and an overall g.p.a. of 2.50.

950-232 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. Both batch and interactive file processing are discussed. Other topics covered include maintenance programming and an introduction to VAX command language.

Prereq: 950-231 or con reg in 950-231, and an overall g.p.a. of 2.50.

950-320 CONCEPTS OF DATABASE APPLICATIONS - 3 cr

An in depth study of database concepts including the writing of typical business applications against a network and a relational database using both higher level and fourth generational languages. Also an introduction to data design and the management of data as a corporate resource.

Prereq: 950-231, 950-232, junior standing and an overall g.p.a. of 2.50.

950-331 SYSTEMS ANALYSIS AND DESIGN 1 - 3 cr

The student learns to analyze the business organization as a system, structure both the information and processes of a business or organization, and complete the systems design process through the logical design phase. The student begins a team project that is completed in 950-431.

Prereq: 950-320 or concurrent registration in 950-320 and an overall g.p.a. of 2.50.

950-341 HARDWARE AND SOFTWARE SELECTION - 3 cr

This course examines the various types of system and networking hardware and software available and salient factors in their selection.

Prereq: 950-320 or concurrent registration in 950-320 and an overall g.p.a. of 2.50.

950-391 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.

950-431 SYSTEMS ANALYSIS AND DESIGN 2 - 3 cr

A study of the principles and activities associated with the physical design and implementation of computer based information systems. Includes modular decomposition of the logical procedure, system tests, documentation, system security, conversion and implementation. The student completes the team project started in 950-331.

Prereq: 950-320, 950-331, 950-451 or concurrent registration in 950-451 and an overall g.p.a. of 2.50.

950-451 TOPICS IN COMPUTER APPLICATIONS - 3 cr

This course covers a wide range of computer applications, such as the interfacing of software packages, communication programs, macro and script languages, operating system command languages, statistical packages, computer graphics, expert systems, and other emerging technologies of importance to the field of information systems.

Prereq: 950-320 or concurrent registration in 950-320, a course in statistics such as 230-245 or 760-231 or 760-342 and an overall g.p.a. of 2.50.

950-496 SPECIAL STUDIES - 1-3 cr

Repeatable for a maximum of 9 credits in major/degree. Prereq: Consent of instructor.

950-498 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

Faculty: Margaret Friedman, Arno Kleimenhagen, Marilyn Lavin, G. M. Naidu, Sharon Roy Newman, James Peltier, Mete Sirvanci, Lois Smith, George Tesar, Raja Velu (Chairperson), 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 developing products, distributing them, creating advertising and promotions, and determining the proper price.

MAJOR

MARKETING (BBA)

MAJOR - 24 CREDITS

1. MKTG 260-321
2. MKTG 260-479
3. SELECT 18 CRED FROM COURSES MKTG 260-337, 260-339, 260-349, 260-350, 260-361, 260-400, 260-410, 260-412, 260-420, 260-429, 260-432, 260-436, 260-442, 260-444, 260-494 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, 349, 350, 361, 400, 410, 412, 429, 442.

Purchasing: 349, 361, 400, 410, 412, 420, 429, 436, 442.

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 in the United States. Problems and cases of retail management. Interrelationship of major management decisions of retailing--store location, buying, pricing, stock control, planned stocks, merchandising control, credit and retail expense accounting and financial management.

Prereq: 260-311.

260-339 FRANCHISING - 3 cr

An examination of franchising as an alternative distribution strategy. This course is designed to provide students with a basic understanding of and the knowledge to acquire and operate a franchise.

Prereq: 260-311.

260-349 SALES MANAGEMENT - 3 cr

Study of the functions of a sales department within the marketing organization. Included are organization, recruiting and selection procedures, training, compensation, expenses, quotas, supervision, stimulation, planning activities, and evaluation of sales personnel. Case approach used.

Prereq: 260-311.

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.

260-361/561 INTERNATIONAL MARKETING - 3 cr

A survey of the structure, techniques, problems and general environment of marketing abroad. Subjects include organization, promotion, finance, legal aspects and operation.

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 and 260-321.

260-410 QUANTITATIVE ANALYSIS FOR MARKETING DECISIONS - 3 cr

Application of quantitative techniques to marketing decisions. Selected topics for in-depth study may include market segmentation and profiling, brand positioning, consumer brand choice, new product adoption, retail patronage, physical distribution, allocation of sales efforts, pricing, marketing audit and others.

Prereq: 260-321 or consent of instructor.

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.

260-429 PERSONAL SELLING - 3 cr

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 and practices.

Prereq: 260-311 and sr st.

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 PHYSICAL DISTRIBUTION SYSTEMS ANALYSIS - 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 and 230-245.

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, fund-raising, 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

260-479 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

Offered on a satisfactory/no credit basis only. 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 in major/degree.

Prereq: Jr or sr st. and cons instr.

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 - 1-3 cr

Repeatable

260-498 INDEPENDENT STUDY IN MARKETING - 1-3 cr

Prereq: Senior standing and consent of department chairperson.

COLLEGE OF EDUCATION

Jeffrey C. Barnett, Dean

Lawrence Kenney, Associate Dean

Ruth Koselka, Assistant Dean

Tom Ganser, Director of Field Experiences and Human Relations

DEPARTMENT/PROGRAM CHAIRPERSONS

Communicative Disorders

Patricia Casey

Counselor Education

Brenda O'Beirne

Curriculum and Instruction

Richard Telfer

Educational Foundations

Stephen Friedman

Health, Physical Education, Recreation & Coaching

James Miller III

Leadership and Military Science

Major Rno Reinemer

Safety Studies

Jerome A. Witherill

Special Education

Ann Riall

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 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 and military science, and health, 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, speech, and in secondary business education.

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 mental retardation, emotional disturbance, learning disabilities, severely/profoundly handicapped, early childhood handicapped, adult developmentally disabled and communicative disorders.

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.

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.

STUDENT ORGANIZATIONS

The Association for 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.

The Health, Physical Education and Recreation Major-Minor Club is open to all students enrolled in the physical education curriculum. This club works closely with the Student Action Council of the American Alliance for Health, Physical Education and Recreation to promote interest and understanding of physical education.

The Council of Exceptional Children is an organization for students interested in learning more about children with handicaps. Programs are offered in various areas of exceptionality. Projects include visiting institutions for handicapped individuals, attending state and national meetings in the area of exceptionality, and planning student conferences to acquaint high school students with areas of exceptional education.

National Student Speech, Language and Hearing Association. This student association, related to the American Speech, Language and Hearing Association, was formed in 1975 for communicative disorders majors and interested students to encourage professional interest in the study of normal and disordered human communication behavior.

The University of Wisconsin-Whitewater Student Wisconsin Education Association is a pre-professional organization affiliated with the Wisconsin Education Association Council and the National Education Association. Membership in Student Wisconsin Education Association is open to all students majoring or minoring in the field of education and/or seeking teacher licensure. The local chapter of Student Wisconsin Education Association

sponsors a variety of activities designed to extend the professional preparation of its members. These activities include: involvement in professional conferences, the hosting of local professional meetings, and providing the members with information concerning the job search.

ROTC Cadet Association is composed of students enrolled in the Army ROTC program (Leadership and Military Science Department) at Whitewater. The organization fosters military, social and other extracurricular activities within the ROTC student body.

Student Safety Association seeks to promote the safety profession; to provide safety students with an opportunity to make their desires and interests in the safety curriculum and conditions affecting the welfare of the student body known to University faculty and administration; to perform safety service activities for the public, University, and academic communities; and to pursue educational activities for the specific betterment of each member of the organization. Any student interested in the field of safety studies may become a voting member of the organization upon payment of regular semester dues to the chapter treasurer.

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.

Tactics Club is sponsored by the Leadership and Military Science Department (ROTC) to promote interest and excellence in military tactics through the application of theories of actual field situation. The organization also enters intercollegiate tactics and orienteering competition. Membership is open to all UW-Whitewater students.

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 will 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 and only after completion of a program approved by the Department of Public Instruction. During the last semester before graduation students should obtain an application form from the office of the Associate Dean in the College of Education. Those students desiring a license from other states also may obtain information about appropriate application from the same office.

NON-LICENSURE PROGRAMS

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 and recreation for students who want to work in the private sector of physical education, fitness and sport (see Department of Health, Physical Education, Recreation and 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 AND MILITARY SCIENCE DEPARTMENT

The Department of Leadership and Military Science 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 whatever the students' 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

Students wishing to enroll in any courses in a professional education sequence leading to initial teacher licensure must complete an application for admission to Professional Education and be admitted. One copy of the application will be filed with the student's education adviser; a second copy will be filed in the College of Education Records Office. Students must meet the following requirements to be eligible for admission to Professional Education:

1. A 2.75 GPA on a minimum of 40 credits. Students with a GPA between a 2.50 and a 2.75 will be accepted if caps are not reached in their area (transfer students with a baccalaureate degree or 75 credits or more, must have a 2.75 GPA on all credits accepted).
2. A 2.75 GPA in licensure (this includes the major, minor and Professional Education courses).
3. Attended a Professional Education Orientation Meeting.
4. A "C" or better in the three courses contained in the Pre-Professional Semester.
5. A "C" or better in Speech 110 or its equivalent.
6. Passing scores on all three parts of the Pre-Professional Skills Test (PPST).

NEW ADMISSIONS POLICY - EFFECTIVE SPRING, 1997

Beginning in the Spring Semester 1997, a new admissions policy for Professional Education will take effect. All students applying for admission to Professional Education after January 1, 1997 will be subject to the new policy. Each student applying for admission to 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 PPST scores. A second third will be based on previous volunteer work and experiences with

children. The last third of a student's rank will be based on previous experience with multi-cultural and special populations.

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 still required to attend a Professional Education Orientation meeting, have a "C" or better in the three courses contained in the Pre-Professional semester and in Speech, have a minimum grade point average of 2.5 on a minimum of 40 credits, and must pass all three portions of the PPST test to be considered for admission without an exception. Although a 2.5 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.

In order to be eligible for admission to the pre-professional semester, students must have the following:

1. A 2.40 GPA on a minimum of 12 credits.
2. Passing scores on a minimum of two parts of the Pre-Professional Skills Test (PPST).

Transfer students and those students with a bachelors degree must meet the following requirements to be eligible for admission to Professional Education:

1. Completion of Speech 110 or its equivalent with a grade of C or better.
2. Attendance at a Professional Education Orientation meeting during the student's first semester at UW-Whitewater.
3. For students with less than 40 credits accepted at UW-Whitewater, a GPA of 2.75 based on 40 or more credits that includes all transfer credits.
4. For students with 40-75 credits accepted at UW-Whitewater, a GPA of 2.75 based on all credits accepted.
5. For students with a baccalaureate degree or more than 75 credits, a GPA of 2.75 based upon all credits accepted at UW-Whitewater.
6. Completion of the Pre-Professional Skills Test in Reading, Mathematics, and Writing with a passing score that will be determined by the College of Education and the Wisconsin State Department of Public Instruction (DPI).

Specific information is available at the Winther Hall Information Desk.

Students admitted to the University with a declared major in education are not necessarily guaranteed admission to professional education. Students must meet stated criteria and will be admitted on a space available basis.

Exceptions to the GPA requirement or the Pre-Professional Skills Test requirement for admission to Professional Education may be granted by the Review Committee on Entrance-Exit Requirements. No more than 10% of all students admitted to professional education in any admission period may be granted an exception. Specific information on the process for granting exceptions 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:

Educational Psychology: Appropriate to the licensure program, 423-212, Educational Psychology; 423-222, Child Development; 423-322, Preschool Child Development; or 423-478, Adolescent Development.

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, 424-423 Measurement and Evaluation in Physical Education; 424-424, Measurement and Evaluation in Elementary Schools; or 424-425, Measurement and Evaluation in the Secondary School.

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 Block. 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 arranges for transportation of the students and they are assessed a transportation fee.
3. Professional Block. One or more experiences in schools. Students are placed 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 semester). Students apply for Directed Teaching in November or December of their junior year if they are scheduled for directed teaching during the first or second semester of their senior year. Students who seek endorsement from UW-Whitewater must complete at least 14 credits of academic work from UW-Whitewater prior to Directed Teaching. For their Directed Teaching experience, 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 Man.

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: Effective July 1, 1981 all persons who receive an initial Wisconsin elementary or secondary license must complete an exceptionaleducation 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 requirement is available in the Office of Student Teaching, Winther 2038.

General Education Licensure Requirements: All students seeking initial endorsement for teacher licensure must meet the general education licensure requirements of Chapter PI 4.07 Administrative Code of 40 semester hours of course work. Any general education courses that are included in a professional education sequence, major or minor may not be used to calculate the 40 semester hour minimum requirement. Courses taken to satisfy UW-Whitewater Proficiency and General Studies requirements may be used to calculate the 40 semester hour minimum requirement. The specific general education licensure course requirements are:

1. Composition and Literature - English 680-101 or credit through exam and English 680-102.
2. Oral Communication - Speech 166-110.
3. Mathematics - Math 760-141 or any three-credit mathematics course.
4. Fine Arts - see appropriate list of courses.
5. National, State, and Local Government - Political Science 820-141.
6. Biological Science - any 3 to 5-credit Biology course.
7. Physical Science - any 3 to 5-credit Astronomy, Chemistry, Geology, or Physics course or the 5-credit Physical Geography course.

8. Western History or Western Contemporary Culture - see approved list of courses.
9. Non-Western History or Non-Western Contemporary Culture - see approved list of courses.
10. Electives - Additional credits may be elected from all General Studies courses. The Humanities and Social Sciences General Studies requirements must be met.

For students who entered Fall 1994: Students completing the entire general studies core and proficiency requirements, will also have met the following PI4 General Education requirements: Composition and Literature, Oral Communication, Fine Arts, Western History or Contemporary Culture, a Non-Western or Non-Contemporary Culture.

NOTE: National/State/Local Government, Biological Science, and Physical Science are not covered by the core requirements and must be taken separately.

Additional information on the general education requirements and the approved list of courses are available in the Office of the Assistant Dean, Winther 2033. A listing of all courses approved to satisfy General Education for Licensure requirements is listed each semester in the University Timetable.

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:

11. Completion of an approved major, major and minor, or broadfield major.
12. Successful completion of a Directed Teaching experience at UW-Whitewater.
13. An overall GPA of 2.75 based on major, minor and professional education course work except student teaching.
14. 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 the State Superintendent.

Transfer students and those students with a bachelors degree must meet the following requirements to be eligible for endorsement for licensure:

15. For students with 1-75 credits accepted at UW-Whitewater, the endorsement requirements are the same as for non-transfer students.

16. Students with more than 75 credits accepted at UW-Whitewater or a bachelors degree must meet the following requirements:

- a. Completion of an approved major, major and minor, or broadfield major.
- b. Successful completion of a Directed Teaching experience at UW-Whitewater.
- c. A GPA of 2.75 in their major course work, their minor course work and their professional education course work except student teaching.

A passing score on a standardized examination in each licensure major and minor if required by the 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 requirements for endorsement for initial teacher licensure may be granted by the Review Committee on Entrance-Exit Requirements. No more than 10% of all students completing licensure programs in each graduation period may be granted an exception. Specific information on the process for granting exceptions is available in the Office of the Assistant Dean, Winther 2033.

COLLEGE DEGREE REQUIREMENTS

BACHELOR OF SCIENCE IN EDUCATION (BSE)

You 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.

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 and a minimum grade point average of 2.25 in the major in order to graduate. A 2.75 combined transfer and UW-W GPA is required for admission to professional education and a 2.75 combined GPA in the major, minor and professional education is required for teaching licensure.

EDUCATION - GENERAL

400-490/690 WORKSHOP - 1-3 cr

DEPARTMENT OF COMMUNICATIVE DISORDERS

Faculty: Scott Bradley, Patricia Casey, Roxanne DePaul, Richard Jentoft, Mark Leddy, Mary MacPherson and Giuliana Miolo.

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/BS)

MAJOR - 57 CREDITS

1. CMDS 510-270, 510-272 AND 510-278
2. CMDS 510-371, 510-375, 510-376, 510-380, 510-381 AND 510-385
3. CMDS 510-424, 510-426, 510-472, 510-481 AND 510-482
4. PSYC 840-215 OR MATH 760-230
5. PSYC 840-303 OR 840-424
6. PSYC 840-345 OR 840-451 OR CPSC 765-161
7. SELECT 6 CRED FROM COURSE CMDS 510-460

Students in this major are not required to take a minor.

COMMUNICATIVE DISORDERS (BSE)

LICENSURE - 20 CREDITS

1. C&I 439-210 AND SPED 480-205
2. EDFD 423-222 OR 423-478
3. EDFD 420-243 AND C&I 437-450
4. EDFD 424-424 OR 424-425
5. C&I 432-360 OR 437-466

MAJOR - 57 CREDITS

1. CMDS 510-270, 510-272 AND 510-278
2. CMDS 510-371, 510-375, 510-376, 510-380, 510-381 AND 510-385
3. CMDS 510-424, 510-426, 510-472, 510-481 AND 510-482
4. EDFD 423-482 OR MATH 760-230 OR PSYC 840-215
5. EDFD 423-481 OR PSYC 840-303 OR 840-424
6. EDFD 423-212 OR PSYC 840-345 OR 840-451 OR SPED 480-466
7. SELECT 6 CRED FROM COURSE CMDS 510-460

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

COURSE DESCRIPTIONS

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, written language, reading and other academic skills. Language characteristics in children with exceptional educational needs are described and strategies for improving communication skills in these children 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: 510-278 or consent of instructor.

510-376 ARTICULATION AND PHONOLOGICAL DISORDERS 3 cr

This course reviews normal aspects of articulation and the process of phonological acquisition. The nature of phonological disorders and methods of phonological assessment and intervention are discussed.

Prereq: 510-270.

510-380/580 SPEECH AND LANGUAGE DEVELOPMENT IN THE CHILD 3 cr

This course provides an introduction to the process and sequence of normal 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.

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: 510-278 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.

510-460/660 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 until student has completed required clinical hours. Only 6 credits may count toward the major.

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 ASSESSMENT AND INTERVENTION IN LANGUAGE DISORDERS 3 cr

This course introduces principles and methods of assessment and intervention in child language disorders from infancy to adolescence. The implementation of these procedures using a variety of service delivery models and the means of evaluating their effectiveness are reviewed.

Prereq: Communicative disorders major or cons instr.

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: Cons instr.

510-490/690 WORKSHOP Repeatable 1-6 cr

510-491/691 TRAVEL STUDY Repeatable 1-3 cr

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

Faculty: Craig Herbert, Brenda O'Beirne (Chairperson), Anene Okocha, Dale Stehno, David Van Doren.

The Department of Counselor Education does not have any undergraduate programs but does offer a Master of Science degree in Guidance and Counseling. Students interested in continuing their education and becoming a counselor should contact the Department chair.

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.

490-477/677 COUNSELING WOMEN AND GIRLS 3 cr

Practicing and graduate counselors and undergraduates who have had experience in working with women or counseling will analyze traditional and current theories and practices of counseling women. Alternative programs and strategies will be developed and practiced.

Prereq: 840-486/686, or 860-492, or 490-718, or cons instr.

490-490 WORKSHOP Repeatable 1-3 cr

490-496 SPECIAL STUDIES Repeatable 1-3 cr

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Faculty: William Chandler, Virginia Epps, Nancy Fowell, Melissa Freiberg, Tom Ganzer, Shirley Gartmann, Dave Griffey, Joan Heimlich, Lawrence Kenney, Ruth Koskela, James Kusch, Judson Lyon, Phillip Makurat, Andrea Maxworthy, Barbara Mischio, Michael Nelson, Chyuan Pan, Harriet Rogers, Mary Lou Rossini, Patricia Shaw, Richard Telfer (Chairperson), Nancy Todd, Susan Toms-Bronowski, 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 Early Childhood Program is designed for those students who wish to teach Children from ages 3 to 12. The undergraduate early childhood education program at

the University of Wisconsin-Whitewater meets the Wisconsin "Standards for an approved Program in Early Childhood Education". The program is for those who plan to teach or work with young children and includes the study of nursery schools, kindergartens and elementary schools. The program is continually being developed and modified to meet contemporary trends and needs in early childhood education.

The Elementary/Middle Education Program leads to licensure in teaching the elementary grades and the middle level grades. The Program includes an elementary education major, a liberal arts sequence, an approved minor and a wide range of professional education courses. Special emphasis is placed on actual 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 for students seeking licensure in their minor.

Middle/Secondary Education provides students both guidance and coursework in preparing to teach in middle or junior high schools and senior high schools. Academic major(s), minor(s), or broadfield areas are complemented by coursework and field work which prepares and qualifies students for middle/secondary teaching licensure. In order for Middle/Secondary Education majors to be certified in their minor area, 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:

The broadfield major in business education is outlined under Business Education.

Driver Education:

The major in driver education is outlined under Safety Studies.

Music Education:

The major in music education is 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. 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 - 34 CREDITS

1. SPED 480-205, C&I 430-215, 430-324,
AND 430-363
2. C&I 430-422, 430-425, 432-360, 432-460,
AND 439-492
3. C&I 430-223
4. C&I 430-362
5. P ED 442-325 OR 442-326
6. 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/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
- Political Science
- French
- History
- Physics
- German
- Mathematics
- Chemistry
- Spanish
- Earth Science
- Physical Science
- Sociology
- English
- Psychology
- Geography

For descriptions of courses required in each major, look under that subject in this bulletin.

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 the upper grades, 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)
- Social Studies Broadfield (choose from several emphasis areas)

Licensure Minors

Students who select a minor as well as a major from the list of Education majors may obtain a 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 in the following subjects may be obtained only in conjunction with specific majors, as indicated below:

- Journalism (Journalism minor and English Education major)
- Speech (Speech Secondary Education minor and English Education major)
- Coaching Athletics (Coaching minor and any Education major from the list above)
- Dance (Dance Secondary Education minor and any Education major from the list above)

Licensure may be obtained through a minor in one of the natural sciences only when the major is also in one of the natural sciences.

Students seeking licensure to teach psychology, whether through a minor or a major, must select an Education major in another of the social sciences.

Licensure in the following subjects may be obtained in conjunction with a middle/secondary education program through the following major-minor combinations:

- Health (Health Education minor and any Education major from the list above)
- Library Media (Library Media K-12 emphasis minor and any Education major from the list above)
- Bilingual/Bicultural Education (Bilingual minor and any Education major from the list above)

Note that licensure in Health, Library Media, and Bilingual/Bicultural Education may also be obtained in conjunction with a Prekindergarten-6 program or an Elementary/Middle program. Licensure in Library Media requires additional field experience beyond what is required for licensure in the secondary subject.

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 bulletin for details.

Licensure to teach Driver Education is also available to students who enroll in a 19-20 credit sequence of courses (refer to Safety Studies Department).

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. Understanding Children and Adolescents with Exceptionalities (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 immersion experience in a location where the foreign language is the predominant medium of communication.

BILINGUAL EDUCATION MINOR

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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 854-150, 854-200, 854-310 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 (414) 472-4891.

COURSE DESCRIPTIONS

CURRICULUM & INSTRUCTION (430)

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.

430-234 ELEMENTARY GENERAL MUSIC METHODS 2 cr

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, personal musicianship and educational ends, purposes and values related to music education.
Coreq: 429-492. Restricted to students with professional ed admission.

430-236 ELEMENTARY/MIDDLE SCHOOL INSTRUMENTAL METHODS 2 cr

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: 439-160.

430-324 TEACHING OF SCIENCE IN THE ELEMENTARY/MIDDLE SCHOOL 3 cr

Objectives and techniques used in the teaching of science in the elementary/middle school. Development of teaching materials and aids and classroom and laboratory demonstrations.
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.

430-351 NUTRITION 2 cr

The study of the fundamental principles of human nutrition and its application to the individual, family, nation and the world.

430-362 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 SCHOOL 3 cr

This course involves the college student in a consideration of teaching strategies and content-structure of the Social Studies; the evaluation and selection of Social Studies materials; development of teaching units designed to facilitate the learning of groups of children 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

A study of the organization of the language arts program in the elementary/middle grades with emphasis on common functions of listening, speech, spelling and writing/composition as part of effective communication with others.

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.

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.

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.

430-472/672 UNDERSTANDING AND USING LOGO IN THE CLASSROOM 1 cr

The course is a brief introduction to the computer language designed for education-- LOGO. The LOGO language is adaptable to a wide range of content areas. The language is available on nearly all makes of microcomputers. After mastery of fundamental key words of the language, the student will prepare materials to integrate the use of the language into a prospective teaching area.

430-473/673 UNDERSTANDING AND USING PILOT IN THE CLASSROOM 1 cr

The course is a brief introduction to the computer software designed for education-- PILOT (Programmed Instruction Learning Or Teaching). PILOT software is available on nearly all makes of microcomputers. After mastery of a few fundamental key words of the language, the student will prepare materials to integrate the use of the language into their prospective teaching area.

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.

430-489/689 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 3 cr SCHOOL 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, and vocabulary development are also examined in detail. Prereq: 423-222. Restricted to students with professional ed admission. 432-361 EMERGENT LITERACY AND BEGINNING 3 cr READING INSTRUCTION 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 3 cr READING TEACHING STRATEGIES 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 3 cr TEACHING DISABLED READERS 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 preschool programs with emphasis on planning the environment and planning learning experiences for young children. 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. 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.

434-340/540 NUTRITION AND HEALTH: EARLY CHILDHOOD 3 cr

A course in nutrition and health pertaining to the needs of the young child of pre-school age through the third grade, with emphasis on teaching the child good food and health habits and aiding nursery school directors and families in utilizing available community resources in health and nutrition.

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 Library/Media Minor.

434-365 COMPUTER APPLICATIONS IN EARLY CHILDHOOD EDUCATION 3 cr

This course will provide students an opportunity to obtain greater expertise regarding the implementation of a technology-supported curriculum for young children. Students will learn how to select and implement computer-related activities which enable young children to have technology-based experiences that are developmentally appropriate.

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, programming, staffing, finances, 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.

Restricted to students with professional ed admission. 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 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 METHODS OF TEACHING FOREIGN LANGUAGE 3 cr

A course to introduce students to principles and techniques of teaching modern languages. This course is designed to prepare students for a student teaching experience and includes reading and discussion about objectives, lesson planning, teaching the four language skills and the foreign culture, testing, and related matters.

Prereq: 423-212. Restricted to students with professional ed admission.

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.

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: 439-160 and 423-212. Restricted to students with professional ed admission.

437-437 METHODS OF TEACHING INSTRUMENTAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL 2 cr

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: 430-234 and 423-212. 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.

Prereq: 430-234 and 423-212. 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.

Prereq: 240-341 and 220-344, one of which may be taken concurrently with Methods and 423-212. Restricted to students with professional ed admission.

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: 210-341 and 423-212. Restricted to students with professional ed admission.

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.

437-443 METHODS OF TEACHING SHORTHAND 2 cr

A presentation of content, materials, techniques, and psychological foundations involved in the teaching of shorthand. Discussions include the current problems and issues in offering shorthand at the secondary or the post-secondary level. Students have the opportunity to practice and to develop their shorthand teaching skills.

Prereq: 220-341 and 423-212. 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 and 220-344 one of which may be taken concurrently with methods and 423-212. Restricted to students with professional ed admission.

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.

437-466 DEVELOPMENTAL READING IN THE MIDDLE/SECONDARY SCHOOLS 3 cr

The principles, techniques and materials for teaching reading in the middle/secondary schools with consideration of specific needs 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.

439-210 OBSERVATION AND 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.

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: Senior standing and minimum GPA 2.25. 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: 439-210E or 439-210F.

DEPARTMENT OF EDUCATIONAL FOUNDATIONS

Faculty: Donna Rae Clasen, Stephen Friedman (Chairperson), J. Charles Park, James Raffini, Eileen Schroeder, Ellen Smith, Anthony Truog, Gregory Valde, Elsa Weber, Anne Zarinnia.

The Department of Educational Foundations does not have an undergraduate major but serves all teaching majors through its courses which are required for 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, 422-344, 422-350 AND 422-351
2. EDFD 429-411, 422-434, 422-440, 422-451 AND 422-454

LIBRARY MEDIA K-12 EMPHASIS

MINOR - 24 CREDITS

1. EDFD 422-343, 422-350, 422-351 AND C&I 434-361
2. EDFD 422-434, 422-440, 422-451 AND 422-454

COURSE DESCRIPTIONS

FOUNDATIONS (420)

420-243 EDUCATION IN A PLURALISTIC SOCIETY Diversity 3 cr

Designed for students who plan to teach disadvantaged students in urban schools. Attention will be directed to major problems confronting urban education, the social and psychological experiences of disadvantaged students and an analysis of the role of the teacher in urban society.

Prereq: Concurrent enrollment in 439-210 or 489-210 and 423-212 or 423-222.

420-445/645 HISTORY AND PHILOSOPHY OF EDUCATION 3 cr

The development of contemporary public education from its historical backgrounds with emphasis on the evolution of education philosophy as it relates to present-day needs and practices of teachers.

Prereq: Sr st. Restricted to students with professional ed admission.

LIBRARY/MEDIA (422)

422-201 INDIVIDUALIZED LEARNING SYSTEM IN EDUCATIONAL MEDIA (ILSEM) 1 cr

Offered on a satisfactory/no credit basis only. ILSEM is an individualized learning system designed to present students with both explanatory and practicum experiences at the introductory level in producing both video and print instructional materials.

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. RELATED MEDIA

422-344/544 CHILDREN'S LITERATURE AND RELATED MEDIA 3 cr

Survey of historical development of children's literature; emphasis on standards for selection of materials related to the interests, abilities and needs of children and the curriculum. Open as an elective.

Prereq: Soph st.

422-350/550 REFERENCE AND BIBLIOGRAPHY 3 cr

Basic reference theory and an introductory survey of materials and bibliographies useful in manual and automated reference service.

Prereq: Jr st.

422-351/551 BUILDING MEDIA COLLECTIONS 3 cr

Principles of building collections for all types of libraries. Study of the standard bibliographies used in the selection of materials for libraries. Emphasis will be placed on the principles of selection of books and other library materials. The publishing field will be examined.

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, producing graphic, projected and electronic media are developed including use of video systems and microcomputer applications for the classroom and media center.

Prereq: Jr st or above.

422-438/638 UTILIZATION OF INSTRUCTIONAL TELEVISION RESOURCES 3 cr

This course, presented at the introductory level, provides students with both experiences in hands on production of instructional programs, as well as evaluation and utilization of off-air and commercially available programs. Class time will be divided between classroom activities and studio sessions.

422-440/640 DEVELOPING LIBRARY/MEDIA SKILLS 3 cr

This course is designed to be taken by library/media specialists, in-service teachers, public librarians, and the pre-service library/media specialist who may wish to develop skills to effectively serve the users of the Instructional Media Center.

422-441/641 COMPUTER APPLICATIONS IN THE LIBRARY AND MEDIA CENTER 3 cr

This course prepares students to identify and critically select 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 bibliographic control of library media materials. Study of the principles governing the classification of print and non-print library materials emphasizing the Dewey Decimal Classification and the basic methods of descriptive cataloging, MARC records, as well as subject headings and filing procedures.

Prereq: Jr st.

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 theory and practice of acquiring, processing, disseminating, housing and accessing all types of educational materials according to management principles.

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.

Prereq: Concurrent registration in 439-210E or 439-210F and 420-243.

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.

423-464/664 EDUCATIONAL METHODS OF TEACHING FOR THINKING 3 cr

This course is intended to raise awareness of the variety of models, processes and techniques available for enhancing student thinking. Focus will be on skills training and applications of models and techniques. Demonstrations of applications and processes in teaching classroom content will be available. Skills to be stressed include higher-order thinking, divergent-production, strategic reasoning, scientific inquiry and problem solving. Emphasis is on their use in teaching the regular curriculum.

423-465/665 THE EDUCATIONAL PSYCHOLOGY OF CRITICAL THINKING SKILLS 3 cr

This course focuses on the teaching/learning strategies which facilitate critical thinking within the classroom. The cognitive psychology underlying the processes is studied along with relevant research findings. Critical thinking processes which are explored include deductive and inductive reasoning, questioning, problem solving and decision making. Emphasis is on the integration of thinking skills and classroom content.

Prereq: Jr st or above.

423-474/674 INCREASING STUDENT MOTIVATION TO LEARN 3 cr

This course is designed to help educators gain an understanding of the developmental and psychoacademic 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.

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.

423-482/682 EDUCATIONAL STATISTICS 3 cr

This course is designed for students at the senior or graduate level who have no statistical background. Emphasis is directed toward measures of central tendency and dispersion, correlational techniques, linear regression, probability, hypothesis testing, chi-square, analysis of variance and covariance and an overview of non-parametric techniques.

Prereq: Senior or graduate standing.

423-483/683 TEACHING STRATEGIES 3 cr

This course is designed to assist teachers at all levels develop a variety of teaching

strategies for use in the classroom.
Prereq: Senior or graduate standing.

MEASUREMENT AND RESEARCH (424)

424-421/621 EDUCATIONAL MEASUREMENT, RESEARCH AND EVALUATION 3 cr

This course includes the techniques of measurement, application of measurement and evaluation to the teaching-learning process, basic methods of research and the analysis of data, and an emphasis on the teacher as a consumer of educational research.

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 and elementary education majors. It includes teacher testing and assessment of students, basic statistical procedures, the use and interpretation of standardized tests, appropriate use of observational techniques and 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 secondary education majors. It includes teacher testing and assessment of students, basic statistical procedures, secondary school use of standardized tests, appropriate use of observational techniques, and various grading and reporting systems.

Prereq: Jr or sr st. Restricted to students with professional ed admission.

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)

428-407/607 CENSORSHIP AND AMERICAN EDUCATION 3 cr

The course will review the nature of censorship in schools and libraries and explore the rights and responsibilities of educators and librarians to protect and assure the rights of students, teachers, librarians and parents in a pluralistic democratic society.

Prereq: Admission to the College of Education.

428-472/672 MODELS OF ACCELERATED 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.

428-473/673 HUMAN INTERGROUP RELATIONS FOR EDUCATORS 3 cr

The course is for teachers who deal with students who are culturally different. This includes racial, handicapped, disadvantaged and nontraditional learner population. The emphasis of the course will be on attitudes, feelings and values of both the teacher and the learner.

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.

428-479/679 DISCIPLINE AT HOME AND SCHOOL 3 cr

This course is designed for both parents and teachers. It explores several different discipline programs as to their application in the home and the classroom. Students will become aware of many alternative approaches in dealing with discipline and management problems.

Prereq: Cons instr.

428-487/687 PRINCIPLES OF HUMAN RESOURCE DEVELOPMENT 3 cr

Identification and interpretation of policies and practices connected with the development of human resources. Emphasis is placed on personnel needs assessment and training programs in government agencies at all levels. The implication of in-service training in business, educational organizations, and the various professions will be examined.

Prereq: Sr or grad st.

PRACTICUM (429)

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. (Education majors, see 439-413 and 439-413 - Directed Teaching for Special Minors)

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.

439-413 DIRECTED TEACHING FOR SPECIAL MINORS 2 cr

(This course is offered by the Department of Curriculum and Instruction and is supervised by a member of the library media area. It is planned to supply actual experience to blend theory and practice for library media minors who intend to obtain initial Instructional Library Media Specialist licensure.) Public-Special students see 429-411 Library Practice. Repeatable.

Prereq: Cons of minor advisor.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND COACHING

Faculty: Steven Albrechtsen, Marc Anderson, Karen Barak, Robert Berezowitz, Brian Borland, Bruce Bukowski, L. Brenda Clayton, Jacqueline Dailey, Robert Fiskum, Linda Flick-Andrew, John Hajewski, Mary Anne Hedrich, Dianne Jones, Joy Kiger, Constance Kirk, Nancy Krattiger-Ziltener, Kelly Krumsick, Jo Lindoo, James Miller (Chairperson),

Willie Myers, E. John Rabe, Kristin Russell, Jane Sandusky, Denay Trykowski, David Vander Meulen, Julia Yeater, Stan Zweifel.

GENERAL PHYSICAL EDUCATION provides a wide range of opportunities for an in-depth study of health-related physical fitness and/or participation in team, individual and high risk adventure sports as leisure-time activities at the beginning or intermediate levels of skill. 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 and are indicative of an active life-style.

PHYSICAL EDUCATION MAJOR/MINOR provides for the study of the art and science of human movement. To prepare for a career in physical education, skills and knowledges in sport, gymnastics, swimming, dance and basic motor concepts as they relate to human performance must be acquired. Programs in physical education are based upon the biological and mathematical sciences which enhance the intellectual, social and psychological needs of an individual. They contain a basic core of knowledge and movement skills unique to the discipline of physical education. The physical education major programs include course work leading to public school licensure (Option I) or a non-licensure (Option II) which prepares one to work in the private sector.

PHYSICAL EDUCATION FOR SPECIAL STUDENT LICENSURE provides the physical education major with the opportunity to work with exceptional individuals who have a variety of special needs.

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

PHYSICAL EDUCATION K-8 EMPHASIS (BSE)

LICENSURE REQUIREMENT - 31 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

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
AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

PHYSICAL EDUCATION K-12 NON-LICENSURE EMPHASIS (BSE)

DEGREE REQUIREMENTS - 13-19 CREDITS

1. 424-423
2. SELECT 1 CRED FROM COURSE C&I 439-210
3. SELECT 6 - 12 CRED FROM COURSES 442-492, 444-492 OR 446-492
4. A 3 CREDIT HUMAN RELATIONS REQUIREMENT MUST BE SUCCESSFULLY COMPLETED.

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 5-14 HPER CRED APPROVED BY ADVISOR

FOCAL AREA - 15-22 CREDITS

1. SELECT 15 - 22 CREDITS IN CONSULTATION WITH AN ADVISOR. THIS REQUIREMENT MAY BE SATISFIED BY THE COMPLETION OF AN APPROPRIATE MINOR APPROVED BY THE ADVISOR.

MINOR/EMPHASES

PHYSICAL EDUCATION K-8 EMPHASIS

MINOR - 24 CREDITS

1. P ED 442-165, 442-173, 442-177 AND 442-212
2. P ED 440-143, 440-145, 442-240, 442-271, 442-314, 442-324 AND 442-330
3. SELECT 2 CRED FROM COURSES
P ED 442-171, 442-172, 442-174, 442-178 AND 442-210

LICENSURE REQUIREMENT - 5 CREDITS

1. C&I 437-420 AND 439-413

PHYSICAL EDUCATION 7-12 EMPHASIS

MINOR - 24 CREDITS

1. P ED 440-143, 440-144, 442-165, 442-173 AND 442-212
2. P ED 442-177 OR 442-215
3. P ED 442-240, 442-271, 442-314, 442-324 AND 442-340
4. SELECT 2 CRED FROM COURSES
P ED 442-175, 442-176 OR 442-213

LICENSURE REQUIREMENT - 5 CREDITS

1. C&I 437-420 AND 439-413

PHYSICAL EDUCATION - L&S EMPHASIS

MINOR - 24 CREDITS

1. P ED 442-165, 442-173, 442-177, 442-200, 442-212, 442-239, 442-271, 442-281, 442-314, 442-324 AND 442-340
2. SELECT 2 CRED FROM COURSES
P ED 440-111, 440-167, 442-175, 442-176 AND 442-213

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.

440-110 BEGINNING JOGGING - GP - 1/2 cr

A class designed to motivate students to select a fitness program that is healthy, socially satisfying, and based on individual needs. Students will formulate and participate in a jogging program.

440-111 BEGINNING PHYSICAL FITNESS DEVELOPMENT - GP - 1/2 cr

This course is designed to improve the fitness level of those students classified in the low fitness by the fitness test administered to freshman students.

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.

440-115 BEGINNING FENCING - GP - 1/2 cr

This course is designed for the beginner in fencing. The basic skills of attack and defense are practiced during drill and applied to a competitive bout situation.

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.

440-125 BEGINNING PADDLEBALL - GP - 1/2 cr

This course is designed to permit the participant the opportunity to develop skills in the activity and to develop and maintain some degree of physical fitness and mental health in order to make optimum use of leisure time through recreational activity.

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 - 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.

440-145 BEGINNING SQUARE DANCE - GP - 1/2 cr

An activity course designed to teach the basic dance patterns and terminology of square dance for use as a social recreation in leisure time.

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.

440-150 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 breast stroke and sidestroke. The butterfly, approach stroke, turns, and surface dives are introduced.

Prereq: 440 150; demonstrate all completion requirements in Red Cross Level IV course, or equivalent skills.

440-152 ADVANCED SWIMMING (ARC Level VII) - GP - 1/2 cr

An activity course designed to develop endurance using the front crawl, back crawl, and treading water. The student will polish the breaststroke, sidestroke, and butterfly, and learn basic water safety skills.

Prereq: 440-151; demonstrate all completion requirements in Red Cross Level VI course, or equivalent skill.

440-155 BEGINNING AQUA AEROBICS - GP - 1/2 cr

An activity course done in waist- to chest-deep water, for the non-swimmer and swimmer. Periods will commence with a warm up and end with a cool down.

Individual heart rates are used as a guide to ensure adequate workouts. A non-competitive class readily adaptive to the fitness needs of most individuals.

440-157 SWIMMING IV (Life Saving) - GP - 1 cr

This course is designed for the development of Life Saving skills.

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.

440-161 INTERMEDIATE TENNIS - GP - 1/2 cr

An activity course designed to increase the student's proficiency in the basic tennis skills and to teach some of the advanced skills.

440-166 BEGINNING VOLLEYBALL (Power) - GP - 1/2 cr

An activity course designed to develop or improve the fundamental skills of volleyball so they can be effectively utilized in a game situation.

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.

440-168 INTERMEDIATE VOLLEYBALL - GP - 1/2 cr

An activity course designed to increase the students' proficiency in the fundamental skills and to teach the advanced techniques of the game. The student will also be exposed to some of the offensive and defensive strategies.

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.

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 EXERCISE WALKING - 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 life-style and physical fitness needs.

440-185 BEGINNING MOUNTAINEERING/RAPPELLING - GP - 1/2 cr

An activity course designed to teach the student basic mountaineering skills (rappelling) to include equipment used, safety, and techniques. Introduces more advanced types of rappelling and two Saturday field trips are scheduled for practical work by the student.

Unreq: 450-123.

440-186 BEGINNING ORIENTEERING - GP - 1/2 cr

An activity course designed to teach the basic skill of navigation using a map and compass. Progresses from basic map reading to a practicum in the three styles of the fast-growing sport of orienteering: free, lines, and score.

Unreq: 450-122.

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 life-style, 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.

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.

442-210 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 TRAINING - 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: 440-151 or its ARC Level VI equivalent and ARC & WSI Certification or 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: 440-151 or its ARC Level VI 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.

442-415/615 CORPORATE AND COMMUNITY FITNESS - 3 cr Theoretical considerations and practical applications of exercise assessment and exercise prescription. Exercise assessment includes tests of muscular strength, endurance and flexibility, tests of aerobic capacity, pulmonary function testing, electrocardiography and graded exercise testing. Exercise prescription includes prescription techniques, exercise leadership and administration. Applications in commercial fitness, corporate fitness, community fitness and cardiac rehabilitation.

442-460/660 BEHAVIORAL ASPECTS OF SPORT AND PHYSICAL ACTIVITY - 3 cr Physical activity and sport examined from the standpoint of the factors influencing sport participation, the effect of sport participation, and the methods used to enhance the quality of sport performances.

Prereq: 880-140 and 840-111.

442-461/661 WOMEN AND SPORT - 3 cr A study of the historical, social, psychological, physiological, and legal issues of women in sport. Comparisons between men and women in sport are explored.

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.

442-473/673 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION - 2 cr Relationships and procedures involved in effective organization and administration of physical education programs.

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 - 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.

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
(460-455), (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), (840-435, 880-320), (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
EDFD 428-476, C&I 430-351, 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

COURSE DESCRIPTIONS

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.

444-360/560 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.

444-382/582 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.

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

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

COURSE DESCRIPTIONS

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.

446-392 SOCIAL RECREATION - 1 cr

The student learns fundamental techniques on how to organize and implement social activities for a variety of groups. Social activities include theme parties, special events, holiday celebrations, etc. Course includes participation in the actual design and implementation of a major special event or theme party.

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.

COACHING

Because of the imbalance between trained coaches and the number needed in school systems, you may wish to combine this training with your academic areas.

UW-Whitewater offers students as future coaches this opportunity.

The minor in coaching is designed primarily for elementary/middle and middle/secondary education majors and provides professional preparation for the coaching of interscholastic athletics. Students in other major areas of study can readily acquire this minor.

MINOR/EMPHASES

COACHING EDUCATION EMPHASIS

MINOR - 22 CREDITS

1. P ED 442-271
2. . COCH 448-250
3. COCH 448-255
4. COCH 448-460
5. COCH 448-461
6. SELECT 8 CRED FROM COURSES
COCH 448-350 THRU 448-361

COACHING EMPHASIS FOR BBA/L & S MAJORS

MINOR - 22 CREDITS

1. P ED 442-271 OR BIOL 630-360
2. COCH 448-460 OR P ED 446-489
3. COCH 448-250
4. COCH 448-255
5. COCH 448-260
6. COCH 448-265
7. COCH 448-461
8. SELECT 2 CRED FROM COURSES
COCH 448-350 THRU 448-361

COURSE DESCRIPTIONS

COACHING (448)

448-250 SCIENTIFIC PRINCIPLES OF COACHING - 3 cr

This course is designed as an introductory course to the fundamentals of movement, the strategies of motivation, and the analysis of various coaching techniques.

448-251 ISSUES IN COACHING GIRLS' AND WOMEN'S ATHLETICS - 1 cr

An introduction to athletics as a profession for women where the historical, current and future issues of this profession is explored.

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.

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.

448-260 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 SPORTS - 3 cr

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.

448-351 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.

448-355 COACHING OF COMPETITIVE SWIMMING - 2 cr

This course is designed to provide the knowledge and skills essential to the coaching of competitive swimming.

Prereq: Cons instr.

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 - 3 cr

This course is designed for those individuals who wish to become athletic coaches or administrators. The place of athletics education and the organization and administration of an athletic program will be covered.

448-461/661 PREVENTION AND CARE OF ATHLETIC INJURIES - 2 cr

Principles governing the prevention and treatment of common athletic injuries.
Prereq: 442-271 or cons instr.

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.

448-464/664 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.

448-470 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 - 1-6 cr

Studies designed to increase the student's understanding of specific areas of coaching through involvement in coaching experiences. Repeatable.

Prereq: Cons of adviser or cons dept chp.

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.

DEPARTMENT OF LEADERSHIP AND MILITARY SCIENCE

Faculty: Rno Philip Reinemer II (Chairperson).

The Leadership and Military Science 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.

I. LEADERSHIP 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 OF THE FOLLOWING GROUPS OF COURSES: (CIVILIAN LEADERSHIP - 9 CRED OVER THREE SEMESTERS OF LEAD 450-210 AND 450-211; 450-220 AND 450-221; 450-410 AND 782-410) OR (MILITARY LEADERSHIP - 12 CREDITS OVER FOUR SEMESTERS OF LEAD 450-310, 450-320, 450-410, 450-420 AND 782-410)
2. SELECT 3 CRED FROM COURSES (BEHAVIORAL) PHIL 782-261, PSCH 840-211, SOC 880-140 OR INTR 940-246
3. SELECT 3 CRED FROM COURSES (HISTORICAL) HIST 740-390, 740-392 AND 740-401
4. SELECT 3 - 6 ELECTIVE CRED FROM COURSES MGNT 250-310, 250-419, 250-428, 250-486, EDFD 423-212, 423-483, LEAD 450-110, 450-111, 450-120, 450-121, 450-122, 450-123, 450-240, 450-311, 450-321, 450-330, 450-411, 450-421, 450-420, 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

COMMISSION

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 and Military Science.

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 Leadership and Military Science Department, Room 111, Salisbury Hall.

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.

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 and they benefit from the financial rewards of both programs which provides the following approximate monthly entitlements:

Reserve Pay	\$150
ROTC Allowance	\$150
GI Bill	\$190
TOTAL	\$490

Additional entitlements for camp attendance during the summer means that this program is worth approximately \$12,000 over the 2 year advance phase period. Currently, the Wisconsin National Guard has a program that will reimburse 50% of student's tuition (based on the undergraduate rate at the University of Wisconsin-Madison).

COURSE DESCRIPTIONS

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.

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.

450-122/440-186 BEGINNING ORIENTEERING GP 1/2 cr Designed to teach the basic skill of navigation using a map and compass. Progresses from basic map reading to a practicum in the three styles of the fast growing sport of orienteering: free, line and score. Unreq: 440-186.

450-123/440-185 BEGINNING MOUNTAINEERING/RAPPELLING GP 1/2 cr Instruction in the basic mountaineering skill--rappelling, to include equipment, safety and techniques. Introduces more advanced types of rappelling. Two Saturday field trips are scheduled for practical work by the student. Unreq: 440-185.

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.

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.

450-310 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.

450-410 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 cons instr. May be taken for 2 credits, with department approval, when taken with the 1 credit course - Military Ethics - 782-410.

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.

450-494 LEADER SEMINAR 1-3 cr Repeatable. Prereq: Consent of department chairperson.

450-496 SPECIAL STUDIES 1-3 cr Repeatable. Prereq: Consent of department chairperson.

450-498 INDEPENDENT STUDY 1-3 cr Repeatable. Prereq: Consent of department chairperson.

DEPARTMENT OF SAFETY STUDIES

Faculty: Deborah C. Bowen, William Gooding, Gregory N. Green, Frederick C. Hoffmeister, Keith D. Lohman, Albert Mims, Vay A. Rodman, Jerome W. Witherill (Chairperson), Craig G. Wucivic.

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.

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

Writing Proficiency Requirement: See chairperson for course(s) that satisfy this requirement.

OCCUPATIONAL SAFETY (BSE)

COLLEGE

1. SFTY 462-381
2. ECON 230-245 OR EDFD 423-482 OR MATH 760-230 OR 760-231

PROFESSIONAL SEMESTER

1. SFTY 460-470
2. SFTY 469-492

MAJOR - 61-63 CREDITS

1. SFTY 460-251, 460-450, 460-453 AND 460-488
2. SFTY 462-380, 462-480, 462-483, 462-484 AND 462-485

3. ANY 1 GROUP FROM
CHEM 640-102 AND 640-104 OR CHEM 640-109 AND 640-110 OR
CHEM 640-102 AND 640-110
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, 250-351, 250-430
AND 250-486

MINOR/EMPHASES

SAFETY STUDIES - OCCUPATIONAL SAFETY EMPHASIS

MINOR - 22 CREDITS

9. SFTY 460-251
10. SFTY 462-380 AND 462-483
11. 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

SAFETY STUDIES - TRAFFIC SAFETY EMPHASIS

MINOR - 22 CREDITS

12. SFTY 460-251
13. SFTY 460-450, 460-455, 461-260, 461-461 AND 461-464
14. SELECT ELECTIVE CREDITS TO BRING TO A TOTAL OF 22 CREDITS FROM COURSES SFTY 460-381, 460-453, 461-466, 462-380, 462-382, 462-483, 462-484, 462-485, 462-485, 462-486, 462-487 AND 463-472

SAFETY STUDIES - INSTITUTIONAL SAFETY EMPHASIS

MINOR - 22 CREDITS

15. SFTY 460-251
16. SFTY 460-455, 461-260, 462-380 AND 463-472

17. SELECT 7 ELECTIVE CRED FROM COURSES SFTY 460-381, 460-450, 460-453, 461-466, 462-382, 462-483, 462-484, 462-485, 462-486 AND 462-487

SAFETY STUDIES L&S EMPHASIS

MINOR - 22 CREDITS

18. SFTY 460-450, 462-380, 462-483, 462-484 AND 462-485

19. SELECT 7 CRED FROM SAFETY STUDIES

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.

460-381/581 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.

460-455/655 ALCOHOL AND OTHER DRUGS - 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.

460-470 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: Students must be enrolled in 469 492.

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 IN SAFETY EDUCATION - 1-4 cr

Offered on a satisfactory/no credit basis only. May be retaken four times for a maximum of 4 credits in major/degree.

Prereq: Consent of instructor.

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.

461-466/666 POLICE IN HIGHWAY TRAFFIC ENFORCEMENT - 3 cr

A review of local, county and state police activities associated with highway traffic law enforcement and accident investigation. Discussions include philosophical and psychological concepts on law enforcement. Accident records and usage by all levels

of enforcement will be studied as well as police training policies and practices.
Prereq: 461-260 or consent of instructor.

INDUSTRIAL SAFETY (462)

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.

462-381 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: 462-380 or cons instr.

462-382/582 SAFETY IN THE CONSTRUCTION INDUSTRY - 3 cr

This course examines safety-related problems and practices found in the construction industry. Administrative and organizational policies necessary to develop a construction safety program are examined. Students will be introduced to specific detailed problems and countermeasures for correction through lectures and field trips. The course provides an in-depth analysis of applicable OSHA 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: 640-109 and 640-110 or one year of general college chemistry, 462-484 or con reg or cons instr.

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: 630-120, 800-130, 640-109 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: 640-109 and 640-110 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

Principles, practices, regulations and procedures for the storage, transportation and use of industrial chemicals. Investigation of plant lay-out and process design for chemical operations. Attention will be given to the problem of handling laboratory and macro quantities of chemicals, as well as commercial chemical reactions and toxicity.

Prereq: 640-109 and 640-110 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.

SCHOOL SAFETY (463)

463-420/620 PRINCIPLES OF ENVIRONMENTAL SAFETY - 3 cr

A course concerned with Industrial Pollution and Health Protection Laws and the responsibility of the Safety Professional to insure corporate compliance with these laws. Areas covered include the application of laws and regulations relating to air pollution, solid and hazardous waste management, water supplies and wastewater disposal, industrial noise control, environmental impact statements, industrial application of pesticides and environmental epidemiology which relates to industrial pollution. Major environmental safety and health legislation currently being enforced in the United States will be reviewed.

Prereq: 460-109 and 640-110 or one year of general college chemistry and 462-380.

463-472/672 ORGANIZATION AND ADMINISTRATION OF SCHOOL SAFETY - 3 cr

Designed to prepare prospective teachers in the techniques and methods used in coordinating a school safety program. Also designed for inservice teachers, administrators, and other school personnel responsible for planning and directing safety programs in the schools. Deals with the elements of a comprehensive accident prevention program, and the policies and procedures involved in administering the program; and the structuring of programs to insure effectiveness.

Prereq: 460-251 or cons instr.

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

Faculty: Rosemary Green, Maureen Griffin, Nomsa Gwalla-Ogisi, Deborah Hall, Hans Hahn, Paul Lauritzen, Richard Lombard, George Mischio, Paula Neville, Diane Ormsby, Barbara Reid, Ann Riall (Chairperson), J. Todd Stephens, Robin Warden.

Special Education prepares personnel to work with exceptional individuals who have a variety of handicapping conditions. The program offers alternatives in preparing professional staff to serve different age groups ranging from the preschool handicapped through programs serving adolescents and adults. Selection of sequences which emphasize varying degrees of disability from mild through severe profound handicapped 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 working with children, adolescents and adults with handicaps. Fulfillment of these experiences is an avenue to test your own attitudes toward working with the handicapped, 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 field experience each semester working with the handicapped. A listing of cooperative programs and field placement forms are available in the departmental office. Students who are enrolled in a special education course that requires field 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 concerned with the handicapped 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 in coursework in the Department of Special Education at this University is required prior to acceptance into Directed Teaching.

Writing Proficiency Requirement: Determined at several points in the course sequence. Advisers have a list of recommended electives for these emphases.

SPECIAL EDUCATION EARLY CHILDHOOD EMPHASIS (BSE)

LICENSURE - 36-37 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 - 43-47 CREDITS

1. SPED 480-205, 480-336, 480-357, 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 - 37 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 - 34-36 CREDITS

1. SPED 480-205, 480-336, 480-357, 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 - 37-38 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 - 34-36 CREDITS

1. SPED 480-205, 480-336, 480-357, 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 1 - 3 CRED FROM COURSE 489-492 CONSULTATION WITH ADVISER

SPECIAL EDUCATION LEARNING DISABILITIES K-9 EMPHASIS (BSE)

LICENSURE - 37 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 - 34-35 CREDITS

1. SPED 480-205, 480-336, 480-357, 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 2 - 3 CRED FROM COURSE 489-492 IN CONSULTATION WITH ADVISER

SPECIAL EDUCATION LEARNING DISABILITIES 6-12 EMPHASIS (BSE)

LICENSURE - 37-38 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 - 34-35 CREDITS

1. SPED 480-205, 480-336, 480-357, 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 2 - 3 CRED FROM COURSE 489-492 IN CONSULTATION WITH ADVISER

SPECIAL EDUCATION MILDLY RETARDED K-9 EMPHASIS (BSE)

LICENSURE - 37 CREDITS

1. EDFD 424-424, C&I 430-425, 432-460, SPED 480-470 AND LBMD 422-201
2. SPED 489-411A
3. CMDS 510-355
4. EDFD 423-212 OR 423-222 OR 423-481
5. EDFD 420-243 OR 420-445
6. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410

MAJOR - 35-36 CREDITS

1. SPED 480-205, 480-336, 480-357, 480-426, 480-466
2. SPED 480-356, 480-376, 480-406, 480-457, 480-462, 480-465 AND 489-492

SPECIAL EDUCATION MILDLY RETARDED 6-12 EMPHASIS (BSE)

LICENSURE - 37 CREDITS

1. EDFD 423-212 OR 423-478 OR 423-481
2. EDFD 420-243 OR 420-445
3. EDFD 424-425, C&I 430-425, 437-466, SPED 480-470, CMDS 510-355 AND LBMD 422-201
4. SPED 489-411B
5. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410

MAJOR - 35-36 CREDITS

1. SPED 480-205, 480-336, 480-357, 480-426, 480-465 AND 480-466
2. SPED 480-406, 480-356, 480-459, 480-376, 480-462 AND 489-492

SPECIAL EDUCATION SEVERELY PROFOUNDLY EMPHASIS (BSE)

LICENSURE - 37 CREDITS

1. EDFD 423-212 OR 423-222 OR 423-322 OR 423-478 OR 423-481
2. EDFD 420-243 OR 420-445
3. C&I 432-460, 430-425, SPED 480-470, CMDS 510-355 AND EDFD 422-201
4. SPED 489-411H
5. EDFD 424-424 OR 424-425
6. SELECT 6 CRED FROM COURSE SPED 489-210 AND 489-410

MAJOR - 42 CREDITS

1. SPED 480-205, 480-466, 480-357, 480-406, 480-426 AND 480-336
2. SPED 480-356, 480-376, 480-422, 480-461, 480-476, 480-465 AND 480-460
3. SELECT 3 CRED FROM COURSE 489-492 IN CONSULTATION WITH ADVISER

MINOR

SPECIAL EDUCATION - NON-LICENSURE

MINOR - 24 CREDITS

1. SPED 480-357, 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 480-200, 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

COURSE DESCRIPTIONS

SPECIAL EDUCATION (480)

480-200 THE PERSON WITH A DISABILITY IN SOCIETY - 2 cr

This course examines a number of concepts, issues and empirical findings regarding the integration of persons with disabilities into society.

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 children who are intellectually retarded, 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 young children. Causes for handicapping conditions will be reviewed and early intervention programs will be studied. Parent training and family involvement rationale and techniques will also be examined.

Prereq: 480-205/721, 423-222 or 423-322 or cons instr. Restricted to students with professional ed admission.

480-323/523 DEVELOPMENTAL THERAPY: THE EDUCATION OF YOUNG CHILDREN WITH SOCIAL-EMOTIONAL NEEDS - 3 cr

For persons interested in young children with social-emotional problems. Students will study the causes of disturbance in young children; learn to assess their emotional maturity level, and develop therapeutic techniques designed to ameliorate maladaptive behaviors.

Prereq: 480-320/520. Restricted to students with professional ed admission.

480-336/536 MANAGING THE CLASSROOM BEHAVIORAL PROBLEMS OF EXCEPTIONAL CHILDREN - 3 cr

The course will introduce models, methods, and materials for effectively managing behavior problems of learners with exceptional educational needs. Skills will be developed to: (a) manage classroom behaviors that are counter productive to learning; (b) facilitate positive interpersonal behaviors; and (c) structure the instructional environment to produce desirable consequences.

Prereq: 480-205. Restricted to students with professional ed admission.

480-340 INTERMEDIATE MANUAL COMMUNICATION - 1 cr

Offered on a satisfactory/no credit basis only. Designed to provide a larger vocabulary for communication with the deaf or other handicapped persons, as well as being an instructional tool in a variety of academic situations.

Prereq: 480-240.

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 will be discussed.

Prereq: 480-205/721 or consent of instructor. Restricted to students with professional ed admission.

480-356/556 INTRODUCTION TO MENTAL RETARDATION - 3 cr

An introductory course which provides current and historical perspectives of the field of mental retardation. Emphasis is placed on the educational, social, psychological, vocational and medical aspects of the problem.

Prereq: 3 Special Education credits or cons instr. Restricted to students with professional ed admission.

480-364/564 INTRODUCTION TO LEARNING DISABILITIES - 3 cr

Provides the special educator with 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 sr st or cons instr. Restricted to students with professional ed admission.

480-376/576 MEDICAL ASPECTS OF DISABILITY - 3 cr

Provides the special educator with knowledge of the medical, physiological, neurological, physical, developmental, and sensory characteristics of persons with physical or medical conditions which impact educational programming. The course content emphasizes etiology and implications of genetic, prenatal and acquired causes of disabilities including cerebral palsy, genetic syndromes, medical fragility, technology dependency, AIDS, and perinatal drug dependency. Interdisciplinary approaches to providing services for children with complex needs are addressed.

Prereq: 6 credits Special Education or consent of instructor. Restricted to students with professional ed admission.

480-400/600 TEACHING EXCEPTIONAL CHILDREN IN THE REGULAR CLASSROOM - 3 cr

A practical course for regular educators who teach students with exceptional educational needs. Based upon an overview of the mildly disabled and the mainstreaming philosophy, specific skills related as assessment, instruction, materials modification and behavior management will be emphasized.

Prereq: Cons instr. Restricted to students with professional ed admission.

480-406/606 CAREER/VOCATIONAL PROGRAMMING FOR EXCEPTIONAL EDUCATIONAL NEEDS - 3 cr

The course is designed to identify specific strategies for overcoming attitudinal and technical barriers to vocational mainstreaming of special needs students. Values clarification, vocational assessment, vocational IEP development, and elementary and secondary vocational models will be examined to assist special and vocational educators 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

For persons interested in early intervention services for young children with special needs. Best practices for programming with young children 3 to 6 years of age will be studied. The primary emphases of the course will be curriculum and program implementation across developmental domains, methods of intervention for the whole child and administering a multidisciplinary program. Management responsibilities would include coordination of staff and services, transition practices, and program accountability. Students will be 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 action that calls for 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. Materials and resources will be evaluated, as well as 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 birth to three and three to six programs will be addressed. Family dynamics will be analyzed with attention given to various stages parents experience in relationship to their child and overall family situation. Specific attention will be 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 will be 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.

480-426/626 INTRODUCTION TO INDIVIDUAL DIAGNOSTIC ASSESSMENT OF EXCEPTIONAL EDUCATIONAL NEEDS - 3 cr

A core course for special education majors to provide an overview of educational assessment and diagnosis of the handicapped. Emphasis will be placed upon testing for IEP development and teaching and the implications of the educational evaluation for multidisciplinary team decision making.

Prereq: 480-205/721, 489-210E or 489-210F. Restricted to students with professional ed admission.

480-428/628 GENERAL INSTRUCTIONAL MODELS FOR GIFTED EDUCATION - 3 cr

This course goes beyond a basic understanding of the nature and needs of gifted students, and concentrates on presenting several models for providing curricular and

instructional designs for such students in the school setting.

Prereq: An introductory course dealing with the gifted, or con instr.

480-457/657 CURRICULUM AND METHODS IN MENTAL RETARDATION-ELEMENTARY - 3 cr

A course designed to provide the prospective teacher of mildly/moderately mentally handicapped elementary school students with 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 COLLABORATION FOR EFFECTIVE INSTRUCTION - 3 cr

This course develops student's skills and understanding in the areas of laws pertaining to students with disabilities, writing individualized instructional plans, inclusion, collaboration and school-based team membership, and adaptation and modifications of instruction. Students will also develop their personal philosophy of education including beliefs about teachers, students, diversity, community, inclusion, etc. and a profile of who they are 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. Restricted to students with professional ed admission.

480-459/659 CURRICULUM AND METHODS IN MENTAL RETARDATION-SECONDARY - 3 cr

A course designed for professionals working with adolescent students with mild/moderate mental retardation. 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 associated with working with individuals with psychotic conditions and other severe disturbances. Consideration will be given to teaching techniques,

curriculum and materials in a variety of school 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

For persons interested in young children with special needs, as well as individuals exhibiting severe disabilities. Persons will learn how to administer diagnostic-prescriptive instruments and how to use assessment information in developing Individual Education Plan (IEPs) and 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, MR - 3 cr

A course to develop advanced diagnostic skills for elementary through secondary mildly/moderately handicapped (LD, ED, EMR) individuals. Particular emphasis will be placed upon the assessment of cognitive, academic, developmental and behavioral skills that effect classroom performance. The application of advanced trend analysis and data synthesis techniques for special education placement and program planning will be stressed and current issues and trends will be discussed.

Prereq: 480-426/626. Restricted to students with professional ed admission.

480-465/665 CURRICULUM AND METHODS FOR THE MODERATELY HANDICAPPED - 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. 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 exceptional individuals in the home and school environments. Particular emphasis upon consultation and supportive skills for aiding the individuals and their parents in dealing with school or agency personnel and programs.

Prereq: 480-205/721, jr or sr st or cons instr. Restricted to students with professional ed admission.

480-470 STUDENT TEACHING SEMINAR - 2 cr

The seminar will provide 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 will be presented.

Prereq: Directed Teaching.

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. Curriculum and programming pertinent to this area will be 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 will be 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 handicaps, Emphasis is on basic life skills.

Prereq: 480-376/576 or consent of instructor. 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 will be on programming based upon an educational diagnosis and participation type activities.

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 will be reviewed and demonstrated. Comprehensive educational planning for secondary LD students based on diagnostic findings and adult life roles will be 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 handicapped individuals 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 will be presented.

Prereq: 480-426/626 and 510-355/555 or cons instr. 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)

489-210 OBSERVATION AND PARTICIPATION - 3 cr

Offered on a satisfactory/no credit basis only. Prepares special education students for directed teaching. Includes participation in the total classroom situation under the guidance of a qualified cooperating teacher. Emphasis upon observing and application of skills will be stressed.

Prereq: To be taken concurrently with 423-222 or 423-322 or 423-212 and 420-243. Student must have passed at least two sections of the PPST, and must have achieved 2.40 GPA in 12 credits of coursework or consent of department.

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 will provide 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, 432-460, 432-361, 432-460 or 437-466 and 480-458.

489-411 [A-H] 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: Cons instr.

THE COLLEGE OF LETTERS AND SCIENCES

Howard Ross, Dean

David M. Stoneman, 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

Holly Downing

Chemistry

Steven Anderson

Geography

John Patterson

History

Everett L. Long

Mathematics and Computer Science

Gary Klatt

Modern Languages and Literatures

Mary Pinkerton

Philosophy/Religious Studies

David Cartwright

Physics

Frank Stekel

Political Science

John Kozlowicz

Psychology

Kenneth Salzwedel

Social Work

William Powell

Sociology

Lanny A. Neider

Women's Studies & Anthropology

Star Olderman

PROGRAM COORDINATORS

Race and Ethnic Cultures

H. Eugene Grigsby

Criminal Justice

Ronald Berger

Geology

Jack Travis

International Studies

Ruth Grubel

Management Computer Systems

Robert Horton

Public Policy and Administration

Ruth Grubel

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
- Chemistry
- Economics
- English
- French
- Geography
- German
- History
- Individually Designed Major
- International Studies
- Management Computer Systems
- Mathematics
- Physics
- Political Science

- Psychology
- Public Policy and Administration
- Social Work
- Sociology
- Spanish
- Women's Studies

Letters and Sciences majors may choose a minor from most of the areas listed above, or from the following:

- Art
- Art History
- Arts Management
- Arts Merchandising
- Asian Studies
- Coaching
- Communicative Disorder
- Computer Science
- Criminal Justice
- Dance
- Geology
- Health
- Individualized Minor
- Journalism
- Library Media
- Music
- Philosophy
- Physical Education
- Public Administration
- Race and Ethnic Cultures
- Recreation Leisure Studies
- Safety
- Speech
- Theatre
- Urban and Area Development

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
- Business Law
- Finance
- General Business
- Management General
- Management Human Resources
- Management Production
- Marketing
- Office Systems
-

Majors in these areas are not available through the College of Letters and Sciences degree programs.

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

Chiropractic

Steven Anderson, Chemistry

Dentistry

Michael Woller, Biology

Engineering

Russell Helwig, Physics

Hugo Tscharnack, Physics

Law

John Kozlowicz, Political Science

Medical Technology

Steve Anderson, Chemistry

Medicine

Lance Urven, Biology

Elizabeth George, Physics

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 your senior year for 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 semester hours 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 credit hours 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 Anthropology Association offers programs and opportunities to meet others interested in anthropology.

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 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 38 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 44 credits; the combined total for the BS degree is 43-44 credits. (The 12 credits of University proficiency requirements are not included in these totals.)

IN COMPLETING EITHER THE BA OR THE BS DEGREE, THE FOLLOWING REQUIREMENTS APPLY:

All General Education requirements must be met with approved courses only; College degree requirements beyond General Education may be met with any courses beyond the Proficiency requirement(s) 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 Bulletin. (No minor is required for a major in International Studies, Public Policy and Administration, the 54-credit MCS major, or for option II of the Individualized Major.)

The same course credits may not be counted toward both a major and a minor.

Note: Transfer students whose first term of enrollment at UW-W is prior to Fall 1996 will follow the College Degree requirements listed in the 1993-95 Bulletin.

BACHELOR OF ARTS

The combined 44 credits of General Education and additional College requirements must meet the requirements above and must be distributed as follows (totals include General Education Core courses):

1. 5-9 credits in arts courses designated GA
2. 12-15 credits in humanities courses designated GH
3. 8-15 credits in natural sciences and mathematics beyond 760-141, including a 5-credit laboratory science course, in courses designated GM/GL
4. 9-15 credits in social sciences courses designated GS
5. 1-2 credits in Personal Health and Fitness courses designated GP, to include 440-192
6. 0-9 credits in ethnic or women's studies courses designated GE

7. 0-6 credits in interdisciplinary courses designated GI

Total: 38 credits

In addition to the 38 credits of General Education, at least 6 credits in Arts, Humanities, Social Science or Ethnic/Women's/Interdisciplinary Studies courses at the 300 or 400 level, excluding courses in the major(s) and minor(s).*

Completion of at least 1 college-level year of a foreign language, or the equivalent.**

Total: 44 credits

BACHELOR OF SCIENCE

The combined 43-44 credits of General Education and additional College requirements must meet the requirements above and must be distributed as follows (totals include General Education Core courses):

1. 3-9 credits in arts courses designated GA
2. 6-15 credits in humanities courses designated GH
3. 13-15 credits in natural sciences and mathematics beyond 760-141, including 10 credits of laboratory science courses from at least 2 different disciplines, in courses designated GL/GM
4. 12-15 credits in social sciences courses designated GS
5. 1-2 credits in personal health and fitness courses designated GP, to include 440-192
6. 0-9 credits in ethnic or women's studies courses designated GE
7. 0-6 credits in interdisciplinary courses designated GI

Total: 38 credits

In addition to the 38 credits of General Education, at least 5 credits of mathematics beyond 760-141 or 3 credits of mathematics beyond 760-141 and 3 credits of computer science.*

Total: 43-44 credits

ASIAN STUDIES MINOR

MINOR - 24 CREDITS

1. HIST 740-130 AND RELG 786-211
2. ANTH 613-324 OR 613-325
3. GEOG 722-364 AND PSCI 820-460
4. SELECT 9 CRED FROM COURSES
 5. ANTH 613-324, 613-325,
 6. ECON 230-360, 230-406,
 7. HIST 740-131, 740-432, 740-433, 740-435,
 8. MGNT 250-410,
 9. RELG 786-303,
 10. PSCI 820-247 (U.S. AND JAPAN)

CRIMINAL JUSTICE MINOR

- Also listed under departments of Political Science and Sociology.

The Criminal Justice Minor is an interdisciplinary program which can enhance students' intellectual understanding of the criminal justice system. It seeks to go beyond specific skill-oriented training to develop analytical and critical insight. The minor can help prepare students to pursue career objectives in the following areas: law enforcement (local, state, or federal), adult probation/parole, juvenile probation or counseling, private security, and criminal justice research.

MINOR - 24 CREDITS

1. SELECT 5 COURSES FROM:
 2. GROUP 1: SOC 880-276, 880-325, 880-370, 880-374, 880-378
 3. GROUP 2: PSCI 820-316, 820-415, 820-419
 4. GROUP 3: SOCW 860-235
 5. GROUP 4: SFTY 460-455
6. SELECT 3 COURSES FROM (CANNOT COUNT BOTH 880-355 & 840-355; COURSES CREDITED TOWARD AREA 1 CANNOT BE CREDITED TOWARD AREA 2):
 7. GROUP 1: SOC 880-276, 880-325, 880-352, 880-355, 880-370, 880-374, 880-378, 880-451, 880-459
 8. GROUP 2: PSCI 820-316, 820-320, 820-421, 820-414, 820-415, 820-419
 9. GROUP 3: SOCW 860-102, 860-235, 860-311, 860-380

- 10. GROUP 4: SFTY 460-455
- 11. GROUP 5: PSYC 840-304, 840-332, 840-345, 840-355, 840-446, 840-451
- 12. GROUP 6: SPCH 166-224, 166-228, 166-328, 166-424
- 13. NO MORE THAN 12 CREDITS FROM ANY ONE DEPARTMENT MAY BE USED IN THIS MINOR.

GENERAL SCIENCE BROADFIELD MAJOR (BSE)

There are five emphases within this major. Refer to the department of the emphasis for requirements.

- Biology
- Chemistry
- Earth Science (Geography)
- Physical Science (Physics)
- Physics

The broadfield science program for teacher education can follow one of two plans:

- 6. A 58 credit major providing for one teaching minor.
- 7. A 68 credit major providing for two teaching minors.

The 58 credit broadfield major consists of 24 semester credits in one of the science areas; 14 semester 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)

A Social Studies Broadfield major consists of at least 54 hours in a program approved by the College of Education. This program must follow either of two basic guidelines:

8. A 34 semester credit concentration in any approved area of social studies and 20 credits in at least two other areas of social studies.
9. A 22 semester 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 Studies 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
- Economics Option II
- Geography Option I
- Geography Option II
- History Option I
- History Option II
- Political Science Option I

- Political Science Option II
- Psychology Option I
- Psychology Option II
- Sociology Option I
- Sociology Option II

ELEMENTARY EDUCATION MAJOR

Elementary Education majors that 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.

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 CREDITS

22. SELECT 5 CREDITS FROM BIOLOGY COURSES: BIOL 630-120, BIOLOGICAL FOUNDATIONS, IS RECOMMENDED.
23. SELECT 5 CREDITS FROM CHEMISTRY COURSES. CHEM 640-100, CHEMISTRY FOR THE CONSUMER, IS RECOMMENDED.
24. SELECT 5 CREDITS FROM COURSES GEOL 616-100, 616-204, 616-300, GEOG 722-210 AND 722-320
25. SELECT 5 CREDITS FROM ANY PHYSICS OR ASTRONOMY COURSES THAT SATISFY GENERAL STUDIES REQUIREMENTS. THE COMBINATION OF 800-210 DESCRIPTIVE PHYSICS AND 800-114 DESCRIPTIVE ASTRONOMY IS RECOMMENDED.
26. ADDITIONAL CREDITS TO TOTAL AT LEAST 24 CREDITS MUST BE SELECTED FROM THE COURSES IDENTIFIED IN THE AREAS LISTED ABOVE.

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

- 27.9 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
- 28. SELECT 3 CRED FROM COURSES PSYC 840-104, 840-355, 840-444 OR 840-451
- 29. SELECT 3 CRED FROM COURSES SOC 880-345, 880-355, 880-362 OR 880-455
- 30. SELECT 3 CRED FROM COURSES PSCI 820-350, 820-351, 820-352, 820-377, 820-457 OR 820-460
- 31. SELECT 3 CRED FROM ECONOMICS DEPT EXCEPT FOR ECON 230-245, 230-345 AND 230-461
- 32. SELECT 1 COURSE FROM EACH GROUP GROUP 1: GEOG 722-160 OR 722-261 GROUP 2: GEOG 722-340 OR 722-344
- 33. SELECT 3 CRED FROM COURSES IN ANTHROPOLOGY 892-214 OR 892-218 OR ANY 300-400 LEVEL COURSE
- 34. 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

35. 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

36. 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

37. SELECT 24 CRED IN CONSULTATION WITH ADVISOR AND DEAN OF COLLEGE OF LETTERS AND SCIENCES
38. 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.

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 semester 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. SELECT 3 CRED FROM COURSES ACTG 210-452, 210-456 OR 210-461
5. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

MINOR - 14 CREDITS

1. ECON 230-211, 230-212 AND MATH 760-143 RLS
2. MATH 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

PROF BUS LAW

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.

FINANCE/REAL ESTATE/INSURANCE 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

MINOR - 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
 2. ACTG 210-244, 210-249,
 3. FNLW 240-344,
 4. ECON 230-245 OR MATH 760-342 OR PSYC 840-215,
 5. PSCI 820-320 OR 820-421,
 6. MGNT 250-211 OR CPSC 765-161 OR 765-162 OR 765-171,
 7. MGNT 250-301 OR 250-310,
 8. MGNT 250-306, 250-385,
 9. MKTG 260-311,
 10. SFTY 462-380 OR 462-381,
 11. LEAD 450-210 OR 450-220
12. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

MINOR - 12 CREDITS

1. ECON 230-211, 230-212 (GS) AND MATH 760-143 (GM)
2. MATH 760-243 (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. SELECT 18 CRED FROM COURSES
 2. MGNT 250-211 OR CPSC 765-161 OR 765-162 OR 765-171,
 3. MGNT 250-301, 250-306, 250-310,
 4. MGNT 250-320 OR PSCI 820-421,
 5. MGNT 250-488 OR SFTY 462-483
6. SELECT 3 CRED FROM COURSES
 7. LEAD 450-210 OR 450-220,
 8. ECON 230-365,
 9. MGNT 250-385, 250-410,
 10. SFTY 462-380,
 11. HIST 740-435,
 12. PSCI 820-320
13. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN
14. SPECIAL OR
15. INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

MINOR - 9 CREDITS

1. ECON 230-245 AND MATH 760-143 RLS
2. MATH 760-243 RLS

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
 3. MGNT 250-425, 250-426, 250-428, 250-429,
 4. 250-430, 250-478, (250-493 OR 250-498),
 5. 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
 3. MGNT 250-351, 250-356, 250-445, 250-450,
 4. 250-455, 250-460, 250-465, 250-466, 250-471,
 5. 250-480, 250-486,
 6. MKTG 260-436,
 7. SFTY 462-380, 462-381 OR 462-483
8. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN
9. SPECIAL OR
10. INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

1ST MINOR - 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, 260-339, 260-349, 260-400, 260-410, 260-412, 260-432, 260-436, 260-442, 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 & INTERNSHIPS 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.

OFFICE SYSTEMS EMPHASIS

MINOR - 23 CREDITS

1. B ED 220-245, 220-255, 220-345, 220-348, 220-353 AND 220-445
2. SELECT 5 CRED FROM COURSES ACTG 210-244, B ED 220-143, 220-241, 220-242, 220-244, 220-365, 220-454 AND MGNT 250-211
3. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 CREDITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

MINOR -

1. B ED 220-244 OR ABILITY TO TYPE STRAIGHT
2. COPY AT 40 WORDS PER MINUTE. RLS

The Office Systems 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.

GENERAL DIVISION (600)

600-105 SCIENCE AND TECHNOLOGY IN SOCIETY -- GM/Core -- 3 cr

This course will examine basic scientific concepts, technological advances, and their impact upon society. Science processes will be examined to illustrate how knowledge is acquired. Advantages and limitations of the scientific method will be considered. The effect of science and technology on society will be a continuing theme. May not be taken on a satisfactory/no credit grade basis.

Coreq: 760-141 or 760-140.

600-294 LETTERS AND SCIENCES SEMINAR -- 1-3 cr

A study of selected topics for students involved in interdisciplinary or interdepartmental courses or programs of study. The course is designed to integrate and supplement the work taken in various departments.

Prereq: Cons instr.

600-390 THE WORLD OF IDEAS -- GH/Core -- 3 cr

An examination of 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, or consent of instructor.

600-399 CAREER INFORMATION IN ARTS & COMMUNICATION, LETTERS AND SCIENCES -- 1 cr

Offered on a satisfactory/no credit basis only. Career information specifically for Arts & Communication and Letters & Sciences majors, focusing on self-analysis in preparation for the job search, resume-writing and interviewing. Particular attention will be given to career opportunities, the value of the degree program and possibilities for graduate study.

Prereq: Sophomore standing. Unreq: 100-399.

600-489 RUSSIAN AND EAST EUROPEAN SEMINAR -- 3 cr

A course that prepares students for a two-week tour of the Soviet Union by introducing them to Russian history, culture, and society, and to the fundamentals of the Russian language.

600-490/690 WORKSHOP -- Repeatable -- 1-3 cr

600-491/691 TRAVEL STUDY -- Repeatable -- 1-3 cr

600-493 INTERNSHIP -- 1-3 cr

600-496/696 SPECIAL STUDIES -- Repeatable -- 1-3 cr

600-498 INDEPENDENT STUDY -- Repeatable -- 1-3 cr

DEPARTMENT OF BIOLOGICAL SCIENCES

Faculty: Richard Adams, Claudia Barreto, Lawrence Crone, Holly Downing (Chairperson), Merle Follstad, Sibdas Ghosh, Maurice Kalb, Reginald Nash, W. Daniel Sable, Stephen Solheim, Lance Urven, 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 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.

BIOLOGY (BA/BS)

MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-253, 630-257 AND 630-375
3. SELECT 1 CRED FROM COURSE BIOL 630-390
4. BIOL 630-351 OR 630-417
5. BIOL 630-340 OR 630-345
6. SELECT 3 - 4 CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-120, 630-214, 630-230, 630-300, 630-360

MAJOR - UNIQUE REQ & WRTNG - 17 CREDITS

1. BIOL 630-300 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

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.

BIOLOGY-CELL/PHYSIOLOGY (BA/BS)

MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-253 AND 630-311
3. SELECT 1 CRED FROM COURSE BIOL 630-390
4. BIOL 630-340 OR 630-341 OR 630-351
5. BIOL 630-345 OR 630-417
6. BIOL 630-257 OR 630-353 OR 630-375 OR 630-446
7. SELECT 2 - 4 CREDITS BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-120, 630-214, 630-230, 630-300, 630-360

MAJOR - UNIQUE REQ & WRTNG - 23 CREDITS

1. BIOL 630-300 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

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.

BIOLOGY-ECOLOGY/FIELD (BA/BS)

MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-257, 630-353 AND 630-446
3. SELECT 1 CRED FROM COURSE BIOL 630-390
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 0 - 2 CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-120, 630-214, 630-230, 630-300, 630-360

MAJOR - UNIQUE REQ & WRITNG - 20 CREDITS

1. BIOL 630-300 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 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

BIOLOGY - GENERAL (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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-429
8. BIOL 630-257 RLS
9. EDFD 423-212 AND 424-425
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-253, 630-257 AND 630-375
3. SELECT 1 CRED FROM COURSE BIOL 630-390
4. BIOL 630-351 OR 630-417
5. BIOL 630-340 OR 630-345
6. SELECT 3 - 4 CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-120, 630-214, 630-230, 630-300, 630-360

MAJOR - UNIQUE REQ & WRNG - 17 CREDITS

1. BIOL 630-300 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 - 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-429
8. BIOL 630-257 RLS
9. EDFD 423-212 AND 424-425
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-253 AND 630-311
3. SELECT 1 CRED FROM COURSE BIOL 630-390
4. BIOL 630-340 OR 630-341 OR 630-351
5. BIOL 630-345 OR 630-417
6. BIOL 630-257 OR 630-353 OR 630-375 OR 630-446
7. SELECT 2 - 4 CREDITS BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-120, 630-214, 630-230, 630-300, 630-360

MAJOR - UNIQUE REQ & WRNG - 23 CREDITS

1. BIOL 630-300 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 - 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-429
8. BIOL 630-257 RLS
9. EDFD 423-212 AND 424-425
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 34 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. BIOL 630-257, 630-353 AND 630-446
3. SELECT 1 CRED FROM COURSE BIOL 630-390
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 0 - 2 CREDITS OF BIOLOGY ELECTIVES EXCEPT FOR COURSES BIOL 630-120, 630-214, 630-230, 630-300, 630-360

MAJOR - UNIQUE REQ & WRNG - 20 CREDITS

1. BIOL 630-300 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 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GENERAL SCIENCE-BROADFIELD BIOLOGY EMPHASIS (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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-429
8. BIOL 630-257 RLS
9. EDFD 423-212 AND 424-425
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

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, 630-214 630-230, AND 630-300.

MINOR/EMPHASIS

BIOLOGY

MINOR - 22 CREDITS

1. BIOL 630-141, 630-142 AND 630-251
2. SELECT 9 CREDITS FROM BOTANY AND ZOOLOGY IN CONSULTATION WITH ADVISER

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. SELECT 4 CRED FROM COURSE BIOL 630-360
4. SELECT 5 ELECTIVE CREDITS FROM BIOLOGY IN CONSULTATION WITH ADVISER. THE FOLLOWING COURSES DO NOT APPLY FOR CREDIT TOWARD THE MINOR: 630-120, 630-214 AND 630-300.

COURSE DESCRIPTIONS

Field trips may be required for any of the courses.

630-120 BIOLOGICAL FOUNDATIONS* -- GL -- 5 cr

A terminal course designed to introduce basic principles of life, such as structure and function, reproduction, evolution, diversity, and adaptation, leading to a broader understanding of man and his biological environment. Four lectures and two hours of laboratory per week.

Prereq: 600-105 or consent of instructor.

630-141 GENERAL BOTANY -- GL -- 5 cr

An introduction to plant life, with emphasis on the basic concepts of structure, function, growth and reproduction. Additional topics will include cell physiology, metabolism, and diversity. Four hours of laboratory and three hours of lecture per week. This course is prerequisite to all advanced courses in biology for majors and minors. Offered every semester.

Prereq: 600-105 or consent of instructor.

630-142 GENERAL ZOOLOGY -- GL -- 5 cr

An introduction to animal life with emphasis on evolution, genetics, development, organ systems, ecology, and classification. Dissection of preserved animal specimens is a requirement for all students enrolled. Four hours of laboratory and three hours of lecture per week. This course is prerequisite to all advanced courses in biology. Offered every semester.

Prereq: 600-105 or consent of instructor.

630-214 ECOLOGY AND SOCIETY* -- GM -- 3 cr

A study of basic ecological concepts and their application to the identification, understanding, and abatement of contemporary environmental problems. Special emphasis is given to those problems resulting from man and his activities. This course is accepted as a course in conservation required for teacher licensure in the sciences.

Prereq: Completion of General Studies science requirements.

630-230 HUMAN SEXUALITY* -- GM -- 1 cr

A study of the biological implications of human sexuality.

Prereq: 600-105 or consent of instructor.

630-251 INTRODUCTION TO GENETICS -- 3 cr

An introduction to the general principles of inheritance; subjects included are basic transmission genetics, molecular genetics, genetic engineering, mutations, and population genetics. Two hours of lecture and two hours of lab per week. Offered every semester.

Prereq: 630-141, 630-142 and 640-102.

630-253 INTRODUCTION TO CELL BIOLOGY -- 3 cr

Introduction to the chemical and physical bases of life; bacterial and eukaryotic cell structure and function; cellular respiration; photosynthesis; and molecular biology. Laboratory exercises will include microscopy, cell culture, and selected chemical and cell organelle isolation and assay techniques. Four hours of lecture and lab per week. Offered every semester.

Prereq: 630-141, 630-142, and 640-102. Coreq: 640-104.

630-257 INTRODUCTION TO ECOLOGY -- 3 cr

A survey of ecosystems and animal and plant populations and communities. Topics include review of the Earth's major biomes and the physical factors that influence them, the ecology and evolution of populations, the nature of biotic communities, the structure and function of ecosystems, and the status and protection of biodiversity. Three hours of lecture per week. Optional field trip. Offered every semester.

Prereq: 630-141 and 630-142. Unreq: 630-214.

630-300 WRITING IN BIOLOGY -- 2 cr

This course is designed to develop the written communication skills of Biology students. It satisfies the Writing Proficiency requirement for all Biology majors. The two credits do not apply towards the 34 credit major or any 22 credit Biology minor. Offered every semester.

Prereq: English 680-102 and Biology 630-141 and 630-142.

630-311/511 MICROBIOLOGY -- 4 cr

Examination of organisms too small to be seen by the unaided eye, ranging from their molecular organization to their role in global ecology. Primary emphasis will be the study of bacteria and viruses, their beneficial or detrimental impacts on humans, animals, and plants, and their current and potential exploitation. Two lectures and two labs per week. Offered every spring.

Prereq: 630-141, 630-142, 630-251, 630-253, 640-102 and 640-104.

Recommended corequisite 640-251.

630-327/527 PLANT PATHOLOGY -- 3 cr

A study of the nature and classification of plant pathogens, the ecologic and physiologic relationships between host and pathogen and the principles of plant disease control. Two lectures and two hours of laboratory per week.

Prereq: 630-141 and 630-142 or equivalents.

630-340/540 COMPARATIVE VERTEBRATE ANATOMY -- 4 cr

Dissection and study of vertebrate types emphasizing characteristic structures, general relationships, comparative anatomy, and the significance of adaptation and evolution. Laboratory work, lectures and quizzes. Offered every spring.

Prereq: 630-141 and 630-142.

630-341/541 ANIMAL DEVELOPMENT -- 4 cr

A study of reproductive cycles, gametogenesis and fertilization; the establishment of tissues, organs and systems. Introduction to embryological experimental techniques and procedures for study of frog, chick, and pig. Laboratory, lecture and quizzes. Offered during the fall of even years.

Prereq: 630-251 and 630-253 or equivalents.

630-345/545 ANIMAL PHYSIOLOGY -- 4 cr

A study of the functional mechanisms that underlie the life processes in animals. Six hours of laboratory and lecture per week. Offered every fall.

Prereq: 630-251 and 630-253 or equivalents.

630-351/551 THE PLANT KINGDOM -- 3-4 cr

A study of the major groups of plants with emphasis on structure, reproduction, classification and evolution. Offered during the fall of odd years.

Prereq: 630-141 and 630-142 or equivalents.

630-353/553 PLANT TAXONOMY -- 3 cr

The principles of plant classification and identification, with emphasis on flowering plants of this region. Lectures, laboratories and field trips. Offered every spring.

Prereq: 630-141 and 630-142 or cons instr.

630-354/554 FIELD BOTANY -- 3 cr

A study of the identification and ecology of flowering plants, conifers and ferns. Emphasis will be given to the plants and plant communities in the vicinity of the course location. A collection of local plants is required of all students. Field trips required. Summer session only.

Prereq: 630-141 or an equivalent introductory botany course of consent of instructor.

630-360 HUMAN ANATOMY AND PHYSIOLOGY* -- GM -- 1-4 cr

A study of the structure and function of the human body at the level of organs and systems. Two hours of lecture and four hours of laboratory per week. Offered every spring.

Prereq: 630-120 or 630-142 or permission of instr.

630-370/570 AQUATIC BIOLOGY -- 3 cr

The study of aquatic environment, its fauna, flora and general ecology. The laboratory will emphasize the taxonomic study of aquatic organisms. Offered during the fall of odd years.

Prereq: 630-257 and 640-102 or equivalents.

630-375/575 INVERTEBRATE ZOOLOGY -- 3 cr

A comprehensive study of the structure, physiology, natural history and significance of the major groups of invertebrate animals. Five hours of laboratory and lecture per week. Offered every fall.

Prereq: 630-141 and 630-142 or equivalents.

630-390/590 BIOLOGY COLLOQUIUM -- .5 cr

Lectures on current research and career opportunities in biology through the colloquium format. One credit is required of Biology majors. Offered on a satisfactory/no credit basis only. Offered every semester.

Prereq: Sophomore standing or higher.

630-412/612 IMMUNOLOGY -- 2 cr

Immunity to infectious diseases related to changes in the constituents of the blood is explored. Transplantation of tissues, allergies, and autoimmune diseases are discussed. One hour of lecture and two hours of laboratory per week.

Prereq: 630-251 and 630-253 or equivalents.

630-415/615 ENDOCRINOLOGY -- 3 cr

A study of the hormonal regulation of metabolism, growth and reproduction. Three hours of lecture per week, laboratory demonstrations arranged. Offered during the spring of odd years.

Prereq: 630-253 and 630-345 or equivalents.

630-417/617 PLANT PHYSIOLOGY -- 3 cr

Organized around the growth of plants stressing the living processes. The laboratory emphasizes nutrition, growth, hormones, water relations, photosynthesis, respiration and bioassay techniques. Offered during the fall of even years.

Prereq: 630-253 or equivalents.

630-420/620 ICHTHYOLOGY -- 3 cr

A study of the taxonomy, distribution, ecology and evolution of fishes. Collection, preservation and identification of local species will be emphasized. Two one-hour lectures and one two-hour laboratory period per week.

Prereq: 630-257 or equivalent.

630-422/622 ORNITHOLOGY -- 3 cr

Laboratory and field study of bird classification, evolution, anatomy, physiology, behavior, ecology, distribution and life histories. Field identification of resident and migrant Wisconsin birds is emphasized. Off-campus field trips. Four hours of lecture and laboratory.

Prereq: 630-257 or equivalent.

630-423/623 MAMMALOLOGY -- 3 cr

The evolution, classification, morphology, biogeography, ecology, and natural history of mammals of the world. Laboratory emphasis will be on Wisconsin mammals. Two hours of lecture per week and 2 hours of laboratory. Required field trips.

Prereq: 630-257 or equivalent.

630-430/630 ANIMAL BEHAVIOR -- 3 cr

Behavior of animals as individuals and groups, including study of causation, development, integration, evolution and adaptive value of behavior patterns. Lecture and laboratory. Offered during the spring of even years.

Prereq: 630-257 or equivalent.

630-444/644 CELL BIOLOGY -- 3 cr

Advanced topics in eukaryotic cellular structure, regulation, and function, with particular focus on cell growth, synthesis and transport of biomolecules, intra- and intercellular signals, cell differentiation, and cell motility. Laboratory exercises will include protein analysis, cell manipulation, cytochemistry, and transmission electron microscopy. Four hours of lecture and laboratory per week. Offered during the spring of even years.

Prereq: 630-251, 630-253, and 640-251.

630-446/646 ORGANIC EVOLUTION -- 3 cr

History of evolutionary thought, evidences of evolution and analysis of evolutionary mechanisms and processes. Offered every spring.

Prereq: 630-251.

630-452/652 ENTOMOLOGY -- 3 cr

A study of the classification, identification and life cycles of insects. Insects of economic importance will be considered. A collection of insects will be required. Lecture and laboratory.

Prereq: 630-141 and 630-142 or equivalents. 630-375 recommended.

630-453/653 ANIMAL HISTOLOGY -- 3 cr

A study of the minute structure of animal tissues by examination of materials prepared for the light microscope supplemented by micrographs showing details revealed with electron microscopy. Emphasis on human microscopic anatomy. Four hours of laboratory or lecture per week. Offered during the fall of odd years.

Prereq: 630-253 or equivalent.

630-454/654 VERTEBRATE FIELD BIOLOGY -- 3 cr

A study of the classification, distribution, ecology and life histories of the vertebrates. Special emphasis is given to the vertebrates of Wisconsin. A collection of local vertebrates will be required. Six hours of laboratory or lecture per week. Field trips. Offered during the fall of even years.

Prereq: 630-257 or equivalent.

630-455/655 PARASITOLOGY -- 3 cr

The life cycles, epidemiology and control of protozoan, trematode, cestode, roundworm and arthropod parasites of man and domestic animals will be studied. Studies of infections in laboratory animals will be carried out. Lectures and laboratory.

Prereq: 630-141 and 630-142 or equivalents. 630-375 recommended.

630-457/657 GENERAL ECOLOGY -- 4 cr

A study of biotic populations and communities and natural ecosystems. Contemporary ecological theory and techniques will be emphasized. Laboratory exercises will include field studies, laboratory experiments, and computer simulations and analysis. Six hours of lecture or laboratory per week. Offered during the fall of even years.

Prereq: 630-251 or equivalent; 630-257 or equivalent; and 760-231 or 760-342 or 840-215 or equivalent.

630-460/660 INTRODUCTORY MYCOLOGY -- 3 cr

A comprehensive study of all fungal phyla emphasizing taxonomy, morphology, phylogeny and physiology. Economic uses of fungi will be studied where feasible. Two one-hour lectures and one two-hour laboratory period per week.

Prereq: 630-351 or equivalent.

630-463/663 MOLECULAR BIOLOGY -- 3 cr

Examination of the molecular control of cellular processes through the study of transcription, translation, and the control of gene expression. Emphasis is placed on activity and analysis of proteins and nucleic acids. Examples of the extensive and diverse use of these techniques throughout biology will be included. Four hours of lecture and lab per week. Offered during the fall of odd years.

Prereq: 630-141 and 630-142 and 630-251 and 630-253 and 640-102 and 640-104 and 640-251.

Recommended: 630-311, 640-252, 800-160, 800-161 (800-162, 800-163).

630-467/667 CONSERVATION BIOLOGY -- 3 cr

A study of the application of modern principles of ecology, genetics and evolution to the preservation of natural communities and their constituent organisms. Topics covered include causes and consequences of rarity of organisms, population viability analysis, preservation of genetic diversity, island biogeography, fragmentation and edge effects, and both in situ and ex situ measures for the protection of biodiversity. Three hours of lecture per week. Offered during the fall of odd years.

Prereq: 630-251, 630-257, 760-231 or 760-442 or 840-215 or equivalent statistics.

630-480/680 GENERAL LIMNOLOGY -- 3 cr

A presentation of the interrelationships between the physical, chemical and biological aspects of aquatic environments. The laboratory will demonstrate methods and equipment for conducting limnological studies. The course will be taught at Pigeon Lake.

Prereq: 630-257 and 640-104.

630-490/690 BIOLOGY WORKSHOP -- 1-3 cr

Repeatable. Prereq: Consent of instructor.

630-491/691 TRAVEL STUDY Repeatable -- 1-3 cr

630-493 INTERNSHIP IN BIOLOGY Repeatable -- 1-12 cr

630-494/694 SEMINAR -- 1 cr

Repeatable two times for a maximum of 2 credits in degree. Prereq: 16 hours of biology including botany and zoology.

630-496/696 SPECIAL STUDIES -- 1-3 cr

Repeatable for a maximum of 3 credits in major.

630-498 INDEPENDENT STUDY -- 1-2 cr

Repeatable for a maximum of 4 credits in major. Prereq: 630-141, 630-142, and a 3.0 grade point average in biology.

*Not applicable to major or minor in liberal arts or secondary education.

DEPARTMENT OF CHEMISTRY

Faculty: Steven Anderson (Chairperson), Thomas Brauch, Edward Drexler, Philip Johns, Hassimi Traore, Nicholas Vollendorf.

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.

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 - 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-429
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. EDFD 423-212 AND 424-425
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

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

1. GENERAL SCIENCE-BROADFIELD CHEMISTRY EMPHASIS (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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-429
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. EDFD 423-212 AND 424-425
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

1. MAJOR - 58 CREDITS

1. 1. SELECT 24 CRED FROM CHEMISTRY
2. 2. SELECT 14 CRED FROM BIOLOGY, PHYSICS OR EARTH SCIENCE
 3. (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)
4. 3. SELECT 10 CRED FROM EACH OF 2 SCIENCES NOT TAKEN PREVIOUSLY
 5. (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. CHEM 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)

COURSE DESCRIPTIONS

640-100 CHEMISTRY FOR THE CONSUMER -- GL -- 5 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.

Prereq: 600-105 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 or waiver thereof.

640-104 INTRODUCTORY CHEMISTRY -- GL -- 5 cr

A continuation of 640-102.

Prereq: 640-102.

640-109 ELEMENTS OF CHEMISTRY -- 5 cr

The first course in a two semester sequence emphasizing elementary chemical principles including nomenclature, atomic and molecular structure, reactions, stoichiometry, solutions, acid/base principles, buffer systems, oxidation-reduction. This course is designed to meet the special needs of students in safety education. This course cannot be used to meet major or minor requirements in chemistry.

Prereq: Math 760-141 or waiver thereof.

640-110 ELEMENTS OF CHEMISTRY -- 5 cr

A continuation of 640-109. The study of elementary chemical principles is continued with a study of kinetics and the structures, reactions and properties of organic compounds. This course is designed to meet the special needs of students in safety education. This course cannot be used to meet major or minor requirements in chemistry.

Prereq: 640-109.

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 the basic principles of measurements as applied to volumetric, gravimetric and photometric methods. 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.

640-470 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 -- 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.

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 GEOGRAPHY

Faculty: Howard Botts, John Patterson (Chairperson), Donald Rambadt, Dennis Richter, Carol Rosen, David Travis, Donald Voeller.

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. Interested students should contact the Department of Geography.

MAJORS/EMPHASES

GEOGRAPHY (BA/BS)

MAJOR - 34 CREDITS

1. GEOG 722-210, 722-230 AND 722-270
2. GEOG 722-480
3. SELECT 3 CRED FROM REGIONAL COURSES GEOG 722-362, 722-363, 722-364, 722-365, 722-366 AND 722-368
4. SELECT 3 CRED FROM SYSTEMATIC COURSES GEOG 722-320, 722-323, 722-332, 722-334, 722-337, 722-340, 722-344 AND 722-350
5. SELECT 6 CRED FROM 300 AND 400 LEVEL GEOGRAPHY COURSES
6. SELECT 6 CRED FROM GEOGRAPHY DEPARTMENT

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY QUANTITATIVE/TECHNIQUE (BA/BS)

MAJOR - 34 CREDITS

1. GEOG 722-210, 722-230 AND 722-270
2. GEOG 722-480
3. GEOG 722-350 AND 722-375
4. SELECT 3 CRED FROM REGIONAL COURSES GEOG 722-362, 722-363, 722-364, 722-365, 722-366 AND 722-368

5. SELECT 6 ELECTIVE CRED FROM COURSES GEOG 722-340, 722-344, 722-475 AND 722-485
6. SELECT 3 ELECTIVE CRED FROM GEOGRAPHY

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY INTERNATIONAL/REGIONAL (BA/BS)

MAJOR - 34 CREDITS

1. GEOG 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 AND 722-368
4. SELECT 6 ELECTIVE CRED FROM COURSES GEOG 722-332, 722-334, 733-340, 722-344 AND 722-430
5. SELECT 3 ELECTIVE CRED FROM GEOGRAPHY

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY PHYSICAL/ENVIRONMENTAL (BA/BS)

MAJOR - 34 CREDITS

1. GEOG 722-210, 722-230 AND 722-270
2. GEOG 722-480
3. GEOG 722-252 AND 722-320
4. SELECT 3 CRED FROM REGIONAL COURSES GEOG 722-362, 722-363, 722-364, 722-365, 722-366 AND 722-368
5. SELECT 6 ELECTIVE CRED FROM COURSES GEOG 722-310, 722-323, 722-337, 722-410 AND (722-375 OR 722-475)
6. SELECT 3 ELECTIVE CRED FROM GEOGRAPHY

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY URBAN/AREA DEVELOPMENT (BA/BS)

MAJOR - 34 CREDITS

1. GEOG 722-210, 722-230, 722-270, 722-344, 722-350 AND 722-480

2. SELECT 6 CRED FROM COURSES GEOG 722-340, 722-444 OR (722-323 OR 722-337)
3. SELECT 1 REGIONAL COURSE FROM GEOG 722-105, 722-250, 722-261, 722-362, 722-363, 722-364, 722-365, 722-366, 722-368
4. SELECT 3 ELECTIVE CREDITS FROM GEOGRAPHY IN CONSULTATION WITH AN ADVISER

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY (BSE)

LICENSURE - 39-40 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-430
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. ECON 230-213 OR 230-324 RLS
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

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 ADVISOR

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GENERAL SCIENCE-BROADFIELD EARTH SCIENCE EMPHASIS (BSE)

LICENSURE - 37 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-429
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 58 CREDITS

1. SELECT 24 CRED FROM EARTH SCIENCE COURSES FROM PHYSICAL GEOGRAPHY, GEOLOGY AND ASTRONOMY
 2. 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
3. SELECT 14 CRED FROM CHEMISTRY OR BIOLOGY OR PHYSICS
4. CHOOSE 2 GROUPS FROM THOSE LISTED BELOW:
 5. a. SELECT 10 CRED FROM BIOL DEPT 630
 6. b. SELECT 10 CRED FROM CHEM DEPT 640
 7. c. SELECT 10 CRED FROM PHYS DEPT 800

SOCIAL STUDIES-BROADFIELD GEOGRAPHY I EMPHASIS (BSE)

LICENSURE - 39-40 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-430
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. ECON 230-213 OR 230-324 RLS
10. EDFD 423-212 AND 424-425
11. SELECT 3 CREDITS FROM COURSE C&I 439-492

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 - 39-40 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-430
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. ECON 230-213 OR 230-324 RLS
10. EDFD 423-212 AND 424-425
11. SELECT 3 CREDITS FROM COURSE C&I 439-492

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 CRED FROM GEOGRAPHY

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

GEOGRAPHY

MINOR - 24 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 CRED FROM 300 AND 400 LEVEL GEOGRAPHY COURSES

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 CRED 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.

Administered by the Department of Geography, 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.

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.

722-105 GLOBAL PERSPECTIVES: WORLD GEOGRAPHY -- GS/Core -- 3 cr

The course exposes students to core ideas and key social science concepts essential to a basic understanding of international trends and problems and issues of regional and global importance. It focuses primarily on the geographical dimensions of population and various cultural factors (e.g. language, religion, development versus underdevelopment, etc.), highlights key economic and political science concepts, stresses international themes, and employs selected regional and national case studies. May not be taken on a satisfactory/no credit grade basis.

722-111 GEOGRAPHICAL FOUNDATIONS -- 3 cr

An introduction to geography including concepts, approaches and goals peculiar to this field and a survey of physical and cultural features of the earth which comprise the geographic landscape. Field trips may be included.

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.

Prereq: 600-105 or consent of instructor.

722-230 HUMAN GEOGRAPHY -- 3 cr

A systematic study of human land relationships and place to place diversity of the elements that make up the cultural landscape.

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 CARTOGRAPHY -- 4 cr

An introduction to the quantitative and qualitative mapping techniques applicable to the physical and social sciences. Included are: the methods of data collection for chart, graph, and map production such as field surveying, air photo interpretation, and questionnaires; the techniques of data graphics such as computer mapping and standard drafting; and, the methods of data analysis via graphic compilation and quantitative analysis. 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.

722-310 GEOMORPHOLOGY (LANDFORMS) -- 2 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.

722-332 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.

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.

722-350/550 REGIONAL ANALYSIS AND PLANNING -- 3 cr

After an overview of the techniques of regional analysis, the role of state, regional, and county governments in development planning is discussed with emphasis upon short/long range planning and zoning. The decision making role of citizens, elected officials, and planners within a planning context is an integral part of the course. Field trips are normally taken.

Prereq: 722-210, 722-230, and 722-270, or consent of instructor.

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: 722-105 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: 722-105 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 U.S.S.R.

Prereq: 722-105 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: 722-105 or 722-230 or junior standing or consent of instructor.

722-366 GEOGRAPHY OF AFRICA -- 3 cr

A general survey of Africa in terms of exploration, landforms, climates, soils, vegetation and ethnic groups with detailed regional studies of the major geographic divisions and problems of the continent.

Prereq: 722-105 or 722-230 or junior standing or consent of instructor.

722-368 GEOGRAPHY OF THE 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: 722-105 or 722-230 or junior standing or consent of instructor.

722-375 COMPUTER MAPPING AND ANALYSIS -- 3 cr

The role of computer software in analyzing spatial information, and the depiction of spatial phenomena via computer graphics. Field trips are normally taken.

Prereq: 722-270 or cons instr.

722-377/577 REMOTE SENSING AND SPATIAL ANALYSIS -- 3 cr

The three major objectives are to: 1) understand the mechanisms by which the earth's surface and atmosphere can be studied using satellite remote sensing to analyze phenomena such as weather patterns, annual cycles of vegetation, ozone depletion, volcano activity, the advance/retreat of glaciers and other environmental concerns; 2) discuss the advantages and limitations of various data sources and how they are utilized to study a wide range of physical processes occurring on the earth's surface and in the atmosphere on a daily and annual basis; and 3) use appropriate quantitative methods to analyze spatial data. Computer applications are utilized extensively.

Prereq: 722-210, an equivalent course or permission 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.

722-430 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.

722-444/644 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 instructor.

722-475/675 AIR PHOTO INTERPRETATION -- 3 cr

An introduction to the use of aerial photographs for measurement purposes, and the identification, classification, and mapping of agricultural, urban, industrial, and landform patterns through the use of aerial photographic techniques. Field trips are normally taken.

722-480 APPLIED FIELD 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 -- Repeatable -- 1-8 cr

Prereq: Consent 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, University of Wisconsin-Whitewater.

Repeatable. Prereq: 722-111.

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

Faculty: Frank Luther, Jack Travis (Coordinator).

Geology is the study of the earth, its internal structure, its materials, its chemical and physical processes, and its history. The geology minor offers an adequate number of the basic geology courses so those students desiring future employment in some

aspects of geology would either (1) qualify as a candidate in a graduate program in geology (which offers the better chance for employment) or (2) be able to complete a second baccalaureate degree (major in geology) following one more year of study.

MINOR

GEOLOGY

MINOR - 22 CREDITS

1. GEOL 616-100, 616-204, 616-205, 616-315, 616-316 AND 616-318
2. SELECT A MINIMUM 3 CRED FROM COURSES GEOL 616-300, 616-301, 616-314, 616-317, 616-319 AND GEOG 722-310

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 or more field trips are taken. 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.

Prereq: 600-105 or consent of instructor.

616-204 HISTORICAL GEOLOGY -- 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 or more field trips. 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.

Prereq: 600-105 or consent of instructor.

616-205 HISTORICAL GEOLOGY LABORATORY -- 1 cr

A laboratory course in earth history emphasizing paleontologic, stratigraphic, and geologic map studies. One two-hour lab per week.

Prereq: 616-204 or con reg in 616-204.

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 or more field trips to observe shoreline processes. 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.

Prereq: 600-105 or consent of instructor.

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. Possibly one or two optional field trips will be taken in which students will have to make a deposit to cover the cost of chartering a vehicle. Two lectures and one two-hour lab per week. The course will be offered during the Fall semester of the even numbered year.

Prereq: 616-100 or 722-210 or consent of instructor.

616-314 GLACIAL GEOLOGY -- 2 cr

A study of glacial processes and landforms, and effects of the glacial climate. Emphasis is placed on the local area which is studied on a number of field trips. One or more field trips. 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.

Prereq: 616-100.

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 or more field trips. 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.

Prereq: 616-100, (640-102 or 640-141 recommended).

616-316 INTRODUCTION TO PETROLOGY -- 3 cr

An introduction to petrology with emphasis on the mode of occurrence, composition, classification and origin of igneous, sedimentary and metamorphic rocks. Two lectures and one two-hour lab per week. Offered every spring semester. One or more field trips. 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.

Prereq: 616-100, 616-315, (640-104 and 800-163 recommended).

616-317 PALEONTOLOGY -- 3 cr

Description, with study specimens, of the most commonly found fossils representative of the plant and animal kingdoms. The course is a survey of many kinds of organisms that populated the earth during the past geological ages. Two lectures and one two-hour lab per week. Offered second semester, odd numbered years. One or more field trips. 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.

Prereq: 616-100, 616-204 and 616-205; or 630-141, 630-142.

616-318 PRINCIPLES OF STRUCTURAL GEOLOGY -- 3 cr

Classification, description and genesis of the features produced in the earth's crust by internal stresses and strains. Two hours of lecture and two hours of lab each week. One or more field trips. 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.

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 or more field trips. 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.

Prereq: 616-100, 616-204, 616-205.

616-490/690 WORKSHOP -- 1-3 cr

Repeatable. Prereq: 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

Faculty: Lloyd Binagi, Janette Bohi, Jack Filipiak, Bruce Flood, James Jaffe, Elizabeth Hachten, Richard Haney, Steven Karges, Michael Kennedy, William Linsenmeyer, Everett Long (Chairperson), Mary Quinlivan, 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 Studies requirements and Letters and Sciences requirements, 6 additional elective credits would be available.

MAJOR - 33 CREDITS

1. HIST 740-154, 740-155, 740-200 AND 740-499
2. SELECT 6 CRED, AT THE 300 LEVEL OR ABOVE, FROM EUROPEAN HISTORY NUMBERED 300 OR 400 LEVEL
 3. HIST 740-351, 740-352, 740-355, 740-366, 740-367, 740-371, 740-372, 740-375, 740-380, 740-381, 740-441, 740-451, 740-452, 740-459 OR 740-460
4. SELECT 6 CRED, AT THE 300 LEVEL OR ABOVE, IN AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY
 5. HISTORY 740-340, 740-346, 740-348, 740-410, 740-432, 740-433 AND 740-435
6. SELECT 6 CRED, AT THE 300 LEVEL OR ABOVE, FROM U.S. HISTORY
 7. CHCN 854-310, HIST 740-300, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-362, 740-390, 740-392, 740-394, 740-400, 740-401, 740-403, 740-420 AND 740-424
8. SELECT 3 ELECTIVE HISTORY CREDITS NUMBERED 300 OR 400 LEVEL

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

HISTORY (BSE)

LICENSURE - 39-40 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-430
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. ECON 230-213 OR 230-324 RLS
10. EDFD 423-212 AND 424-425
11. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 35 CREDITS

1. HIST 740-124, 740-125, 740-154, 740-155, 740-200 AND 740-201
2. SELECT 3 CRED FROM EUROPEAN HISTORY NUMBERED 300 OR 400 LEVEL
 3. HIST 740-351, 740-352, 740-355, 740-366, 740-367, 740-371, 740-372, 740-375, 740-380, 740-381, 740-441, 740-451, 740-452, 740-459 AND 740-460
4. SELECT 6 CRED, AT THE 300 LEVEL OR ABOVE, IN AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY
 5. HIST 740-130, 740-131, 740-340, 740-346, 740-348, 740-410, 740-432, 740-433 AND 740-435
6. SELECT 3 CRED FROM COURSES IN U.S. HISTORY
 7. CHCN 854-310, HIST 740-300, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-362, 740-390, 740-392, 740-394, 740-400, 740-401, 740-403, 740-420 AND 740-424
8. SELECT 7 ELECTIVE HISTORY CRED NUMBERED 300 OR 400 LEVEL

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIAL STUDIES-BROADFIELD HISTORY I EMPHASIS (BSE)*

An interdisciplinary social studies major designed to equip the secondary teacher to teach history and the interdisciplinary social studies courses.

LICENSURE - 39-40 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-430
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. ECON 230-213 OR 230-324 RLS
10. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 55 CREDITS

1. HIST 740-154 AND 740-155 AND 740-200 AND 740-499
2. SELECT 6 CRED FROM EUROPEAN HISTORY NUMBERED 300 OR 400
 3. HIST 740-351, 740-352, 740-355, 740-366, 740-367, 740-371, 740-372, 740-375, 740-380, 740-381, 740-451, 740-452, 740-459 AND 740-460
4. SELECT 6 CRED, AT THE 300 LEVEL OR ABOVE, IN AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY
 5. HIST 740-130, 740-131, 740-340, 740-346, 740-348, 740-410, 740-432, 740-433 AND 740-435
6. SELECT 6 CRED FROM COURSES IN U.S. HISTORY
 7. CHCN 854-310, HIST 740-300, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-362, 740-390, 740-392, 740-394, 740-400, 740-401, 740-403, 740-420 AND 740-424
8. SELECT 18 CRED INCLUDING 9 CRED IN EACH OF 2 GROUPS FROM ANTHROPOLOGY, ECONOMICS, GEOGRAPHY (EXCEPT 210, 310, 320 & 410), POLITICAL SCIENCE, PSYCHOLOGY & SOCIOLOGY
 9. a. SELECT 9 CRED FROM ECON DEPT 230 EXCEPT FOR COURSES 230-245 AND 230-345
 10. b. SELECT 9 CRED FROM ANTH DEPT 613
 11. c. SELECT 9 CRED FROM GEOG DEPT 722 EXCEPT FOR CRS 722-210, 722-310, 722-320 AND 722-410
 12. d. SELECT 9 CRED FROM PSCI DEPT 820 EXCEPT FOR COURSES 820-300, 820-301, 820-360, 820-494 AND 820-499
 13. e. SELECT 9 CRED FROM PSYC DEPT 840 EXCEPT FOR COURSES 840-215 AND 840-387
 14. f. SELECT 9 CRED FROM SOC DEPT 880 EXCEPT FOR COURSES 880-354, 880-365, 880-390, 880-425, 880-475, 880-476, 880-477 AND 880-492

15. SELECT 2 CREDITS FROM THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, POLITICAL SCIENCE, PSYCHOLOGY OR SOCIOLOGY

16. SELECT 3 ELECTIVE HISTORY CRED NUMBERED 300 OR 400 LEVEL

SOCIAL STUDIES HISTORY II EMPHASIS (BSE)*

An interdisciplinary social studies major designed to equip the secondary teacher to teach history and the interdisciplinary social studies courses.

LICENSURE - 39-40 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
 5. a. SELECT 2 OR 12 CREDITS FROM C&I 439-412
 6. b. SELECT 2 OR 12 CREDITS FROM C&I 439-414
7. C&I 437-430
8. GEOG 722-252 (GS) OR BIOL 630-214 (GM) RLS
9. ECON 230-213 OR 230-324 RLS
10. EDFD 423-212 AND 424-425
11. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 54 CREDITS

1. HIST 740-154, 740-155, 740-335
2. SELECT 3 CRED OF EUROPEAN HISTORY AT 300 OR 400 LEVEL
 3. 740-351, 740-352, 740-355, 740-366, 740-367, 740-371, 740-372, 740-375, 740-380, 740-381, 740-451, 740-452, 740-459 AND 740-460
4. SELECT 3 CRED, AT THE 300 LEVEL OR ABOVE, IN AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY
 5. HIST 740-340, 740-346, 740-348, 740-410, 740-432, 740-433 AND 740-435
6. SELECT 6 CRED FROM COURSES IN U.S. HISTORY NUMBERED 300-400 LEVEL
 7. CHCN 854-310, HIST 740-300, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-362, 740-390, 740-392, 740-394, 740-400, 740-401, 740-403, 740-420 AND 740-424

8. SELECT 27 CREDITS INCLUDING 9 CREDITS IN EACH OF 3 GROUPS FROM ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, POLITICAL SCI, PSYCHOLOGY OR SOCIOLOGY
 9. a. SELECT 9 CRED FROM ANTHROPOLOGY
 - 10.b. SELECT 9 CRED FROM ECONOMICS EXCEPT FOR COURSES 230-245 AND 230-345
 - 11.c. SELECT 9 CRED FROM GEOGRAPHY EXCEPT FOR COURSES 722-210, 722-310, 722-320 AND 722-410
 - 12.d. SELECT 9 CRED FROM POLITICAL SCIENCE EXCEPT FOR COURSES 820-300, 820-301, 820-360, 820-494 AND 820-499
 - 13.e. SELECT 9 CRED FROM PSYCHOLOGY EXCEPT FOR COURSES 840-215 AND 840-387
 - 14.f. SELECT 9 CRED FROM SOCIOLOGY EXCEPT FOR COURSES 880-354, 880-365, 880-390, 880-425, 880-475, 880-476, 880-477, 880-492
15. SELECT 5 CREDITS FROM THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, POLITICAL SCIENCE, PSYCHOLOGY OR SOCIOLOGY

MAJOR - WRITING - 2 CREDITS

1. HIST 740-201 RLS

***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 - 21 CREDITS

1. HIST 740-154 AND 740-155
2. SELECT 3 CRED FROM COURSES IN U.S. HISTORY NUMBERED 300 OR 400 LEVEL
 3. CHCN 854-310, HIST 740-300, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-362, 740-390, 740-392, 740-394, 740-400, 740-401, 740-403, 740-420 OR 740-424
4. SELECT 3 CRED EUROPEAN HISTORY NUMBERED 300 OR 400 LEVEL
 5. HIST 740-351, 740-352, 740-355, 740-366, 740-367, 740-371, 740-372, 740-375, 740-380, 740-381, 740-441, 740-451, 740-452, 740-459 AND 740-460
6. SELECT 3 CRED, AT THE 300 LEVEL OR ABOVE, IN AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY
 7. 740-340, 740-346, 740-348, 740-410, 740-432 AND 740-433
8. SELECT 6 ADDITIONAL CRED FROM HISTORY COURSE LEVEL 300 OR 400

HISTORY ELEMENTARY EDUCATION EMPHASIS

MINOR - 23 CREDITS

1. HIST 740-154 AND 740-155 AND 740-311
2. SELECT 3 CRED FROM COURSES IN U.S. HISTORY NUMBERED 300 OR 400 LEVEL
 3. CHCN 854-310, HIST 740-300, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-362, 740-390, 740-392, 740-394, 740-400, 740-401, 740-403, 740-420 OR 740-424
4. SELECT 3 CRED EUROPEAN HISTORY NUMBERED 300 OR 400 LEVEL
 5. HIST 740-351, 740-352, 740-355, 740-366, 740-367, 740-371, 740-372, 740-375, 740-380, 740-381, 740-441, 740-451, 740-452, 740-459 AND 740-460
6. SELECT 3 CRED, AT THE 300 LEVEL OR ABOVE, IN AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY
 7. 740-340, 740-346, 740-348, 740-410, 740-432 AND 740-433
8. SELECT 6 CRED FROM HISTORY COURSE LEVEL 300 OR 400

HISTORY SECONDARY EDUCATION EMPHASIS

MINOR - 21 CREDITS

1. HIST 740-154 AND 740-155
2. SELECT 3 CRED FROM COURSES IN U.S. HISTORY NUMBERED 300-400 LEVEL
 3. CHCN 854-310, HIST 740-300, 740-301, 740-302, 740-304, 740-305, 740-306, 740-307, 740-315, 740-362, 740-390, 740-392, 740-394, 740-400, 740-401, 740-403, 740-420 AND 740-424
4. SELECT 3 CRED OF EUROPEAN FROM EUROPEAN HISTORY NUMBERED 300 OR 400 LEVEL
 5. HIST 740-351, 740-352, 740-355, 740-366, 740-367, 740-371, 740-372, 740-375, 740-380, 740-381, 740-441, 740-451, 740-452, 740-459 AND 740-460
6. SELECT 3 CRED, AT THE 300 LEVEL OR ABOVE, IN AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY
 7. HIST 740-340, 740-346, 740-348, 740-410, 740-432 AND 740-433
8. SELECT 6 ADDITIONAL CRED FROM HISTORY COURSE LEVEL 300 OR 400

Social Studies minor in elementary education curriculum: See L&S Interdepartmental section.

COURSE DESCRIPTIONS

740-105 THE UNITED STATES EXPERIENCE IN A WORLD CONTEXT -- GH/Core -- 3 cr

A study of 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 satisfactory/no credit grade basis.

Unreq: 740-125.

740-120 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: 852-120

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 -- 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.

Unreq: 740-105.

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.

740-140 INTRODUCTION TO LATIN AMERICAN HISTORY -- GH -- 3 cr

An introduction to social, political, economic, and cultural developments in history from the pre-Columbian period to the present, with an emphasis on the twentieth century.

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.

740-200 HISTORICAL ANALYSIS IN CONTEMPORARY PERSPECTIVE 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: 740-154 and 740-155 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.

740-302 THE EARLY REPUBLIC 1789-1828 -- 3 cr

A study of the United States and American society from the implementation of the constitution through the 1820's. Emphasis is given to the evolution of political

institutions and values, the formation and application of diplomatic principles, and the changing social characteristics of this formative period of the young republic.

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.

740-305/505 INDUSTRIAL AMERICA 1877-1919 -- 3 cr

A study of the United States from the Compromise of 1877 through World War I, emphasizing the origins, growth and problems of, and response to, industrialism and new trends in American foreign policy.

740-306/506 AMERICA IN PROSPERITY, DEPRESSION AND WORLD WAR II, 1919-1945 -- 3 cr

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.

854 310 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.

740-315 WOMEN IN AMERICAN HISTORY -- GH -- 3 cr

A study of the historical position of women of various racial, ethnic, religious, and social backgrounds in America from colonial times to the present. The reality of everyday experience as well as the philosophical, social, legal, political, and economic context will be studied.

Prereq: 740-105 or consent of instructor.

740-325/525 WOMEN IN THE WESTERN WORLD -- 3 cr

A study of the historical position of women in Western civilization from classical antiquity through the nineteenth century in the reality of everyday experience and in the context of philosophic, moral, literary, and legal evidence and/or commentary.

740-326/526 HISTORY OF CONTEMPORARY WOMEN FROM 1800 3 cr

A comparative historical study of the role of women in representative societies of the modern world--the United States, Scandinavia, Soviet Russia, China, Britain and the Commonwealth--in the reality of everyday experience and in the context of philosophic, economic, social, aesthetic, legal, and political structures and commentary.

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.

740-346 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.

740-348 HISTORY OF CENTRAL AMERICA -- 3 cr

A survey of the social, economic, political, and cultural history of Central America from the pre-Columbian period to the present. Emphasis on the twentieth century.

Prereq: Sophomore standing or cons of instr.

740-351 ENGLAND AND THE BRITISH EMPIRE -- GH -- 3 cr

A study of the peoples of the British Isles and their culture as it developed from pre-Roman times to 1763. A significant part of the study is directed towards the English constitution and its development in the late middle ages and early modern times.

Prereq: Sophomore standing or cons of instr.

740-352 ENGLAND AND THE BRITISH EMPIRE -- 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: 230-105, 722-105, 820-105 or cons of instr. Unreq: 786-355.

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.

740-366 ECONOMIC HISTORY OF THE ANCIENT AND MEDIEVAL WORLD -- 3 cr

A survey of the acquisition, production and distribution of basic goods and services in the ancient Mediterranean and medieval European world to 1500 A.D. Complements Economics 230 365, European Economic History.

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.

740-371/571 HISTORY OF RUSSIA TO 1815 -- 3 cr

A survey of Russian history to 1815, emphasizing its relationship to major problems in European history.

740-372/572 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.

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.

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.

740-392 A HISTORY OF NATIONAL STRATEGY AND SECURITY POLICY DEVELOPMENT, 1935 TO PRESENT -- 3 cr

An examination of the change and development of United States national strategy and security policy as a result of the changes which the establishment perceives in the environment.

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.

740-400/600 DIPLOMATIC HISTORY OF THE UNITED STATES TO 1898 3 cr

A survey of American diplomatic history to 1898, stressing principles and practice, economic and political aspects and expansion.

Prereq: Jr st, 6 credits of history, or cons 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, and the mythology of the West. Slides are used extensively to illustrate the lecture topics.

Prereq: Jr st, 6 credits of history, or cons instr.

740-410/610 HISTORY OF MODERN MIDDLE EAST -- 3 cr

A survey of modern and contemporary history of the Middle East, emphasizing its internal structures, institutions and interests.

Prereq: Jr st, 6 credits of history, or cons instr.

740-420/620 THE HISTORY OF BLACK AMERICA -- Diversity -- 3 cr

A study of the Afro-American from African beginnings to the present, emphasizing the development of white and black racial attitudes, the development of slavery, the growth of Afro-American institutions and race organizations, Blacks in American politics, Afro-American intellectual life, economic life and Black culture.

Prereq: Jr st, 6 credits of history, or cons instr.

740-424/624 AMERICAN INDIAN HISTORY -- Diversity -- 3 cr

A study of the role of the American Indian in United States history with special emphasis on red-white relations, United States government policies, Plains Indian culture and the problems of Indians in American society.

Prereq: 6 credits of history or cons instr.

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.

740-435 JAPANESE BUSINESS HISTORY -- 3 cr

An investigation into the cultural, social, and economic backgrounds of the evolution of Japanese business. Particular attention is focused on the role of the state in the development of economic enterprise and the business ethic in Japan.

740-441 MEDIEVAL INTELLECTUAL HISTORY -- 3 cr

A comprehensive study of the history of medieval thought from the late Roman period to approximately 1500 A.D.. The emphasis is primarily upon the development of philosophy, although the course also treats the areas of literature, science and spirituality.

Prereq: 740-154, 740-452 or 782-341, or equiv. Unreq: 782-441.

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.

**740-459/659 SOCIAL AND CULTURAL HISTORY OF EUROPE SINCE 1800 -
- 3 cr**

A study of the interaction of ideas and social and political institutions, with an emphasis on such topics as nationalism, socialism, anarchism and existentialism.

Prereq: Jr st, 6 credits of history, or cons instr.

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.

Prereq: 11 credits of history and cons dept chp.

740-494 SEMINAR -- Repeatable -- 2 cr

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: Restricted to senior History majors with at least 24 credits of History or by special permission.

PROGRAM OF INTERNATIONAL STUDIES

Ruth Grubel (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.

MAJOR

INTERNATIONAL STUDIES (BA/BS)

MAJOR

1. ANTH 892-218
2. GEOG 722-160, PSCI 820-351
3. INST 617-494 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, 740-358, 740-372, 740-381, 740-382, 740-383, 740-459, 740-346, 740-392, 740-400 AND 740-401.
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: The International Studies Seminar (617-494) includes a significant writing component which will fulfill the writing requirement. No minor required.

COURSE LIST

AFRICA:

722-366 Geography of Africa

740-340 Introduction to African History

740-410 History of Modern Middle East

ASIA:

722-364 Geography of Asia

722-368 Geography of the Soviet Union

740-131 East Asia Since 1800

740-372 History of Russia Since 1815

740-410 History of Modern Middle East

740-433 Twentieth Century Japan

786-211 Introduction to Eastern Religions

786-303 Eastern Religious Thought

820-460 Government and Politics of Asia

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

722-362 Geography of Europe

722-368 Geography of the Soviet Union

740-352 England and the British Empire

740-358 Nineteenth Century Europe
740-372 History of Russia Since 1815
740-381 Modern Germany
740-382 History of Modern Italy
740-383 History of Modern France
740-459 Social and Cultural History of Europe Since 1800
740-460 History of Twentieth Century Europe
786-212 Introduction to Western Religions
786-301 Western Religious Thought
820-377 Western European Foreign Policies

LATIN AMERICA:

722-363 Geography of South America
722-365 Geography of Middle America
740-346 History of Mexico

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
722-230 Elements of Human Geography
782-342 Modern Philosophy
892-190 Childhood in Different Cultures
892-228 Anthropology of Religion
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

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

Social Focus

722-344 Urban Geography

820-356/ Political Sociology

880-356

880-353 Sociology of Religion

880-362 Population Dynamics

880-385 Social Change

880-386 Sociology of the Third World

COURSE DESCRIPTIONS

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.

617-498 INDEPENDENT STUDY - 1-3 cr

Study of a selected topic or topics under the direction of a faculty member.
Repeatable

PROGRAM OF MANAGEMENT COMPUTER SYSTEMS

Faculty/Staff: Robert Bryan, Jacob Gerlach, Iza Goroff, Robert Horton (Coordinator), Jonathan Kane, Robert Leitheiser, David Munro, George Sargent, Robert Siemann, Atlee Svanoë.

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 analysts/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 950-220, 950-231 AND 950-232
2. MATH 760-355, CPSC 765-412, MCS 950-320, 950-331, 950-341, 950-431 AND 950-451
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, CPSC 765-424, MCS 950-391 AND 950-496
6. SELECT 9 CRED FROM COURSES ECON 230-354, FNLW 240-341, 240-344, MGNT 250-301, 250-306, 250-310 OR MKTG 260-311

WRITING - 3 CREDITS

1. SELECT 1 COURSE (680-372 RECOMMENDED):
B ED 220-353, ENGL 680-370 OR 680-372 RLS

MANAGEMENT COMPUTER SYSTEMS WITH MINOR EMPHASIS (BS)

MAJOR - 42 CREDITS

1. ACTG 210-244, 950-220, 950-231 AND 950-232
2. MCS 950-320, 950-331, 950-341, 950-431 AND 950-451
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 MGNT 250-377, 250-471, 250-484, CPSC 765-271, MCS 950-391, 950-496 OR MATH 760-365

WRITING - 3 CREDITS

1. SELECT 1 COURSE (680-372 RECOMMENDED):
B ED 220-353, ENGL 680-370 OR 680-372 RLS AN APPROVED MINOR IS
REQUIRED FOR THIS MAJOR

Transfer grades are included in determining eligibility for MCS courses.

COURSE DESCRIPTIONS

950-220 CONCEPTS OF PROGRAMMING - 3 cr

This course teaches students professional program development techniques using the C++ language, correct business programming style and proper program design, debugging and testing techniques, and the use of objects. It also introduces students to relational modeling, design and terminology concepts as well as structured design techniques.

Prereq: 765-162 or 250-211 and 765-171 and a gpa of 2.50.

950-231 CONCEPTS OF DATA STRUCTURES - 3 cr

Introduction to data structures, using the C++ programming language and object-oriented programming methodology. Covers static and dynamic implementation of data structures, including lists, stacks, queues and trees, in an object-oriented setting, and the use of these structures in a large programming project.

Prereq: 950-220 and an overall g.p.a. of 2.50.

950-232 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. Both batch and interactive file processing are discussed. Other topics covered include maintenance programming and an introduction to VAX command language.

Prereq: 950-231 or con reg in 950-231, and an overall g.p.a. of 2.50.

950-320 CONCEPTS OF DATABASE APPLICATIONS - 3 cr

An in depth study of database concepts including the writing of typical business applications against a network and a relational database using both higher level and fourth generational languages. Also an introduction to data design and the management of data as a corporate resource.

Prereq: 950-231, 950-232, junior standing and an overall g.p.a. of 2.50.

950-331 SYSTEMS ANALYSIS AND DESIGN 1 - 3 cr

The student learns to analyze the business organization as a system, structure both the information and processes of a business or organization, and complete the systems design process through the logical design phase. The student begins a team project that is completed in 950-431.

Prereq: 950-320 or concurrent registration in 950-320 and an overall g.p.a. of 2.50.

950-341 HARDWARE AND SOFTWARE SELECTION - 3 cr

This course examines the various types of system and networking hardware and software available and salient factors in their selection.

Prereq: 950-320 or concurrent registration in 950-320 and an overall g.p.a. of 2.50.

950-391 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.

950-431 SYSTEMS ANALYSIS AND DESIGN 2 - 3 cr

A study of the principles and activities associated with the physical design and implementation of computer based information systems. Includes modular decomposition of the logical procedure, system tests, documentation, system security, conversion and implementation. The student completes the team project started in 950-331.

Prereq: 950-320, 950-331, 950-451 or concurrent registration in 950-451 and an overall g.p.a. of 2.50.

950-451 TOPICS IN COMPUTER APPLICATIONS - 3 cr

This course covers a wide range of computer applications, such as the interfacing of software packages, communication programs, macro and script languages, operating system command languages, statistical packages, computer graphics, expert systems, and other emerging technologies of importance to the field of information systems. Prereq: 950-320 or concurrent registration in 950-320, a course in statistics such as 230-245 or 760-231 or 760-342 and an overall g.p.a. of 2.50.

950-496 SPECIAL STUDIES - 3 cr

Repeatable for a maximum of 9 credits in degree.

Prereq: Consent of instructor.

950-498 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 MATHEMATICS AND COMPUTER SCIENCE

Faculty: Mohammad Ahmadi, Malvina Baica, William Beck, Robert Bryan, Martin Engert, Richard Enstad, Jacob Gerlach, Mary Anne Gerlach, Dorothy Gollmar, Kathleen Halvorson, Bennette Harris, M. Hossain Heydari, Robert Horton, Jonathan Kane, Susan Kidd, Gary Klatt (Chairperson), Edwin Klein, Judy Knapp, Robert Knapp, Julie Letellier, Thomas McFarland, Janet Nelson, Gado Ongwela, Faustine Perham, Dieudonne Phanord, Chilukuri Rao, Richard Schauer, Robert Siemann, David Stoneman, Jerome Tanguay, James Trier, D. Peter Theron, 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. Mathematically prepared students have available to them opportunities that are many and varied.

Although mathematics is studied for its applications, it also attracts many who are interested in its aesthetic and creative side. Students seeking challenge and accomplishment will find the study of mathematics rewarding as well as practical.

MAJOR

MATHEMATICS (BA/BS)

MAJOR - 35 CREDITS

1. MATH 760-253, 760-254, 760-255, 760-280, 760-355 AND 760-499
2. SELECT 1 SEQUENCE OF 2 COURSES
MATH (760-353 AND 760-354) OR (760-342 AND 760-441) OR (760-441 AND 760-442) OR (760-452 AND 760-453) OR (760-453 AND 760-454) OR (760-458 AND 760-459) OR (760-463 AND 760-464) OR (760-464 AND 760-465) OR (760-471 AND 760-472)
3. SELECT 9 CRED ELECTIVE MATH CRED NUMBERED 300 OR 400 EXCEPT FOR COURSE 760-375
4. A MAJOR MUST COMPLETE AT LEAST 6 CREDITS IN COURSES NUMBERED ABOVE 760-400.

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 CREDITS

1. CPSI 765-171 RLS

WRITING REQUIREMENT - 3 CREDITS

1. ENGL 680-370 OR 680-372 RLS
AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MATHEMATICS (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 437-428
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 36 CREDITS

1. MATH 760-253, 760-254, 760-255, 760-280, 760-353, 760-355, 760-441, 760-452 AND 760-499
2. SELECT 6 CRED FROM MATHEMATICS COURSE LEVEL 300 OR 400

MATH UNIQUE REQUIREMENT & WRITING - 6 CREDITS

1. CPSC 765-171 RLS
2. ENGL 680-370 OR 680-372 RLS 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 - 25 CRED

1. . MATH 760-253, 760-254, 760-280, 760-342, 760-353, 760-355 AND 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.

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 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.

760-111 MATHEMATICS FOR THE ELEMENTARY TEACHER I - GM - 3 cr

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.

760-112 MATHEMATICS FOR THE ELEMENTARY TEACHER II - 3 cr

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: 760-111

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 or demonstration of equivalent capability. This course cannot be taken for credit after completing any mathematics course above 141.

760-141 INTERMEDIATE ALGEBRA - Proficiency - 3 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).

760-141B INTERMEDIATE ALGEBRA - Proficiency - 3 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. This course covers the same material as 760-141, but meets 5 days a week.

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).

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.

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 - 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, Hospital's Rule and indeterminate forms, infinite series, polar coordinates and conic sections.
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 B or better, or 760-253.

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 I - 3 cr

A course following high school geometry, especially adapted to the prospective teacher of plane geometry. The course includes the foundations of geometry, logic and proof, finite geometries, introduction to non-Euclidean geometry and topics in modern geometry such as transformations, vectors, similarities and inversion.
Prereq: 760-253 and 760-280.

760-354 COLLEGE GEOMETRY II - 3 cr

A continuation of 760-353 which includes non-Euclidean geometry, synthetic and analytic projective geometry and subgeometries of projective geometry. Their relation to Euclidean geometry will also be considered.

Prereq: 760-353, or 760-253 and 760-280 and cons instr.

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.

760-361 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, modulo 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 - 4 cr

Probability spaces, discrete and continuous random variables, mathematical expectation, discrete and continuous distributions, moment generating functions and functions of random variables.

Prereq: 760-255 and either 760-280 or cons instr.

760-442/642 MATHEMATICAL STATISTICS - 3 cr

This course will cover 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 ALGEBRAIC STRUCTURE OF THE NUMBER SYSTEMS - 3 cr

An introduction to abstract algebra 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 algebraic structures of groups, rings, integral domains, fields, and polynomial rings.

Prereq: 760-280 and either 760-355 or 760-255.

Unreq: 760-415.

760-453/653 MODERN ALGEBRA I - 3 cr

Introduction to the theory of groups. Definition and examples of groups, normal subgroups, quotient groups, homomorphisms, permutation groups and other topics as time permits: Sylow's Theorem, symmetry groups, simple groups, etc.

Prereq: 760-355 and 760-280.

760-454/654 MODERN ALGEBRA II - 3 cr

Rings, integral domains, and fields including the treatment of polynomial and matrix rings, homomorphisms, ideals, quotient rings, unique factorization and field extensions.<

Prereq: 760-453 or cons instr.

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.

760-463/663 FUNCTIONS OF A COMPLEX VARIABLE - 3 cr

A study of the algebra of complex numbers and the calculus of the functions of a complex variable. Analytic functions, complex integrals, calculus of residues, conformal mapping and applications are studied.

Prereq: 760-255 and 760-280.

760-464/664 ADVANCED CALCULUS I - 3 cr

Rigorous treatment of the differential and integral calculus of single variable functions, convergence theory of numerical sequences and series, uniform convergency theory of sequences and series of functions.

Prereq: 760-255 and 760-280.

760-465/665 ADVANCED CALCULUS II - 3 cr

Differential and integral calculus of functions of several variables, calculus of vector valued functions, inverse and implicit function theorems.

Prereq: 760-355 and 760-464.

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.

760-472/672 NUMERICAL ANALYSIS II - 3 cr

Emphasis on algorithmic approach to numerical analysis. Methods of iteration, interpolation and approximation applied to numerical differentiation and integration and to solution of nonlinear systems, difference equations, ordinary and partial differential equations. Consideration of rounding error and numerical stability. Extensive use of microcomputers and programs using a high level language, such as PASCAL.

Prereq: 765-171 and 760-471.

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.

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.

Courses listed only as computer science will not count toward a mathematics major or minor.

COURSE DESCRIPTIONS

765-151 USING COMPUTERS - 1 cr

For those students who have had little or no prior experience with computers, this course is designed to provide a preliminary introduction to computer usage. Topics include word processing and simple programming commands using QuickBASIC.

Other topics may include exposure to the use of a data base, a spreadsheet, or graphics. For credit, this course must be taken prior to other computer or data processing courses. Does not count toward a computer science minor.

Prereq: 760-140 or 760-141 or concurrent registration or waiver from the University

Mathematics Proficiency Requirement. Unreq: This course cannot be taken for credit after completing any computer science course numbered 160 or higher.

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

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 PASCAL programs.

Prereq: 760-152 or 760-143 or 760-253 or con reg in 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.

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.

765-412/612 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.

760-441/641 PROBABILITY THEORY - 4 cr

(See Mathematics)

760-442/642 MATHEMATICAL STATISTICS - 4 cr

(See Mathematics)

760-471/671 NUMERICAL ANALYSIS I - 3 cr

(See Mathematics)

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 MODERN LANGUAGES AND LITERATURES

ENGLISH

Faculty: George Adams, Dewitt Clinton, Jerre Collins, Norma Davidson-Zielski, Betty Diamond, Marilyn Durham, Ronald Ellis, Mary Emery, Edward Erdmann, John Fallon, Raymond Griffith, Jian Guo, Joseph Hogan, Rebecca Hogan, William Keelty, James Leaver, Mark Lencho, Nancy Lewis, Gordon Long, Michael Longrie, Beth Lueck, Geneva Moore, Andrea Musher, Agate Nesaule, Angela Peckenpaugh, Mary Pinkerton (Chairperson), Dale Ritterbusch, George Savage, Ruth Schauer, Lawrence Schuetz, Joan Joan Schwarz, Lynn Shoemaker, Julie Smith, Dennis Trudell, Carolyn Wedin.

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 traditional and contemporary works, including Continental and Asian, and their cultural backgrounds. 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 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. ENGL 680-206, 680-216, 680-226, 680-281 AND 680-486
2. ENGL 680-404 OR 680-405
3. ENGL 680-400 OR 680-406
4. ENGL 680-402 OR 680-403 OR 680-413 OR 680-414
5. ENGL 680-315 OR 680-341 OR 680-416 OR 680-420 OR 680-463
6. ENGL 680-346 OR 680-347 OR 680-348 OR 680-349 OR 680-353 OR 680-464
7. ENGL 680-251 OR 680-256 OR 680-257 OR 680-345 OR 680-368 OR 680-369

8. SELECT 3 ELECTIVE CRED FROM ENGLISH (COURSE LEVEL 200 OR 300 OR 400) EXCEPT FOR COURSES ENGL 680-234, 680-271 AND 680-370

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 680-206, 680-216, 680-226, 680-281, 680-378 AND 680-488
2. ENGL 680-400 OR 680-404 OR 680-405 OR 680-406
3. ENGL 680-315 OR 680-341 OR 680-402 OR 680-403 OR 680-413 OR 680-414 OR 680-416 OR 680-420 OR 680-463
4. ENGL 680-345 OR 680-346 OR 680-347 OR 680-348 OR 680-349 OR 680-353 OR 680-368 OR 680-464
5. SELECT 6 CRED FROM COURSES
ENGL 680-274, 680-372, 680-373, 680-375, 680-376, 680-477, 680-478 OR 680-490
6. SELECT 3 ELECTIVE CRED FROM ENGLISH LITERATURE, LANGUAGE OR WRITING (COURSE LEVEL 200, 300 OR 400) EXCEPT FOR COURSE ENGL 680-234, 680-271 AND 680-370

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-271 RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ENGLISH (BSE)

LICENSURE - 40 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 RLS
- 6. EDFD 423-212 AND 424-425
- 7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 36 CREDITS

- 1. ENGL 680-206, 680-216, 680-226, 680-281, 680-471 AND 680-486
- 2. ENGL 680-404 OR 680-405
- 3. ENGL 680-315 OR 680-341 OR 680-400 OR 680-402 OR 680-403 OR 680-406 OR 680-413 OR 680-414 OR 680-416 OR 680-420 OR 680-463
- 4. ENGL 680-346 OR 680-347 OR 680-348 OR 680-349 OR 680-353 OR 680-464
- 5. ENGL 680-381 OR 680-382 OR 680-383 OR 680-385
- 6. ENGL 680-251 OR 680-256 OR 680-257 OR 680-345 OR 680-368 OR 680-369
- 7. SELECT 3 ELECTIVE CRED FROM ENGLISH (COURSE LEVEL 200 OR 300 OR 400) EXCEPT FOR COURSES ENGL 680-234, 680-271 AND 680-370

WRITING - 3 CREDITS

- 1. ENGL 680-271 RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ENGLISH WRITING EDUCATION EMPHASIS (BSE)

LICENSURE - 40 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 RLS
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 36 CREDITS

1. ENGL 680-206, 680-216, 680-226, 680-281, 680-471, AND 680-486
2. ENGL 680-400 OR 680-404 OR 680-405 OR 680-406
3. ENGL 680-315 OR 680-341 OR 680-402 OR 680-403 OR 680-413 OR 680-414 OR 680-416 OR 680-420 OR 680-463
4. ENGL 680-345 OR 680-346 OR 680-347 OR 680-348 OR 680-349 OR 680-353 OR 680-368 OR 680-369 OR 680-464
5. ENGL 680-381 OR 680-382 OR 680-383 OR 680-385
6. SELECT 6 CRED FROM COURSES ENGL 680-274, 680-372, 680-373, 680-375, 680-376, 680-378, 680-477 OR 680-478 OR 680-490

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 680-206
2. ENGL 680-216 OR 680-226
3. ENGL 680-404 OR 680-405
4. ENGL 680-251 OR 680-256 OR 680-257 OR 680-400 OR 680-406
5. ENGL 680-402 OR 680-403 OR 680-413 OR 680-414
6. ENGL 680-315 OR 680-341 OR 680-416 OR 680-420 OR 680-463
7. ENGL 680-281

8. SELECT 3 CRED FROM ENGLISH DEPT EXCEPT FOR COURSE ENGL 680-234, 680-370 AND 680-372

ENGLISH EDUCATION EMPHASIS*

MINOR - 24 CREDITS

1. ENGL 680-206, 680-281 AND 680-471
2. ENGL 680-216 OR 680-226
3. ENGL 680-404 OR 680-405
4. ENGL 680-346 OR 680-347 OR 680-348 OR 680-349 OR 680-353 OR 680-400 OR 680-402 OR 680-403 OR 680-406 OR 680-413 OR 680-414 OR 680-416 OR 680-420
5. ENGL 680-381 OR 680-382 OR 680-383 OR 680-385
6. SELECT 3 ELECTIVE CRED FROM ENGLISH LITERATURE AND LANGUAGE (COURSE LEVEL 200 OR 300 OR 400) EXCEPT FOR COURSE ENGL 680-234, 680-370 AND 680-372

ENGLISH WRITING EMPHASIS

MINOR - 24 CREDITS

1. ENGL 680-206 AND 680-281
2. ENGL 680-216 OR 680-226
3. ENGL 680-378
4. SELECT 3 CRED FROM COURSES
ENGL 680-400, 680-402, 680-403, 680-404, 680-405, 680-406, 680-413, 680-414, 680-416 AND 680-420
5. SELECT 6 CRED FROM COURSES ENGL 680-274, 680-372, 680-373, 680-375, 680-376, 680-477, 680-478 OR 680-490
6. SELECT 3 ELECTIVE CRED FROM ENGLISH LITERATURE AND LANGUAGE (COURSE LEVEL 200 OR 300 OR 400) EXCEPT FOR COURSE ENGL 680-234, 680-370 THRU 680-378, 680-471, 680-477, 680-478, 680-488, 680-490, 680-493

ENGLISH WRITING EDUCATION EMPHASIS*

MINOR - 24 CREDITS

1. ENGL 680-206, 680-281 AND 680-471
2. ENGL 680-216 OR 680-226
3. ENGL 680-400 OR 680-402 OR 680-403 OR 680-404 OR 680-405 OR 680-406 OR 680-413 OR 680-414 OR 680-416 OR 680-420
4. SELECT 6 CRED FROM COURSES
ENGL 680-274, 680-373, 680-375, 680-376, 680-378, 680-477, 680-478 OR 680-490
5. SELECT 3 ELECTIVE CRED FROM ENGLISH LITERATURE AND LANGUAGE (COURSE LEVEL 200 OR 300 OR 400) EXCEPT FOR COURSE ENGL 680-234, 680-370 THRU 680-378, 680-471, 680-477, 680-478, 680-488, 680-490, 680-493

*** 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.**

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.

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. Prereq: Satisfactory completion of English 090 or equivalent demonstration of ability on the English placement exam.

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 on the English placement exam.

680-161 ENGLISH FOR INTERNATIONAL STUDENTS - Proficiency - 3 cr

Principles of written composition adapted to individual foreign student problems. Includes intensive drill in grammar and mechanics. Also involves individual practice in spoken English. Required of all students whose native tongue 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 text. 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* - GH - 3 cr

A survey of American literature from the seventeenth to the twentieth century 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.

Prereq: 680-101 and 680-102. Unreq: 786-252.

680-256 WORLD LITERATURE I: ANCIENT TIMES THROUGH RENAISSANCE* - GH - 3 cr

A rapid survey of world literatures other than English and American covering major literary periods from ancient times through the Renaissance.

680-257 WORLD LITERATURE II: NEOCLASSICAL THROUGH MODERN* - GH - 3 cr

A rapid survey of literatures other than English and American covering the major literary periods from Neoclassicism (seventeenth century) to present.

680-258 WORLD LITERATURE III: CHINA, INDIA, JAPAN - 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.

Prereq: 680-101 and 680-102.

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.

Prereq: 680-101 and 680-102.

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.

Prereq: 680-101 and 680-102.

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 THEMES IN LITERATURE (VARIABLE TOPIC)* - 3 cr

Analysis and discussion of a significant cultural, social, moral or philosophical theme, 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.

680-301/501 LITERARY CRITICISM* - 3 cr

A study of the major modes of criticism from Aristotle to the present.

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.

680-341 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.

680-345/545 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.

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 LITERATURE: 1900-1950 - 3 cr

A survey of the development of the British novel from 1900 to 1950, with an emphasis on the rise of modernism. Studies of selected works by Forster, Ford, Lawrence, Woolf, Joyce, Orwell, Bowen, and others.

Prereq: 680-216 or 680-226 or consent of instructor.

680-348/548 AMERICAN LITERATURE: 1900-1950 - 3 cr

A survey of American literature from 1900 through 1950, concentrating on major poets and writers of prose fiction, including Frost, Eliot, Hemingway, Steinbeck and Faulkner.

Prereq: 680-216 or 680-226 or consent of instructor.

680-349/549 MODERN AMERICAN AND BRITISH LITERATURE: 1950 TO PRESENT - 3 cr

A study of the literature of the post-World War II era. Special emphasis on the contemporary theme of the search for values.

Prereq: 680-216 or 680-226 or consent of instructor.

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.

680-368/568 AMERICAN MINORITY WOMEN WRITERS* - Diversity - 3 cr

A survey of poetry, fiction, drama, and essays written by African-American, Spanish-American, and Native American women.

Prereq: * or cons instr.

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: 680-101 and 680-102 and by 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.

680-378/578 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.

680-381/581 SURVEY OF LINGUISTICS* - 3 cr

A detailed survey of the techniques, issues, and controversies in theoretical linguistics.

Prereq: 680-101, 680-102, 680-281 or cons instr.

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: 680-101, 680-102, 680-281 or cons. instr.

680-383/583 MODERN GRAMMATICAL THEORY* - 3 cr

A study of traditional, structural and transformational-generative grammars.

Prereq: 680-101, 680-102, 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: 680-101, 680-102 and 680-281, or cons instr; either 680-381, 680-382, or 680-383 is strongly recommended as preparation for this course.

680-400/600 CHAUCER - 3 cr

A study of the language and art of Chaucer as he reflects the culture of his time.

Prereq: 680-206 and junior standing or consent of instructor.

680-402/602 ENGLISH RENAISSANCE POETRY AND PROSE - 3 cr

A study of English literature from 1500-1660 (excluding Milton) with emphasis on the works of Sidney, Spenser, Donne, Jonson, and Marvell.

Prereq: 680-206 and junior standing or consent of instructor.

680-403/603 RENAISSANCE DRAMA EXCLUDING SHAKESPEARE - 3 cr

A study of Tudor and early Stuart drama, exclusive of Shakespeare.

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.

680-406/606 MILTON - 3 cr

A study of the principal works in poetry and prose of John Milton.

Prereq: 680-206 and junior standing or consent of instructor.

680-413/613 RESTORATION AND EIGHTEENTH CENTURY THEATRE AND DRAMA - 3 cr

A survey of English drama from 1660 to 1800, with attention divided between representative plays and conventions of the theatre.

Prereq: 680-206 and junior standing or consent of instructor.

680-414/614 PROSE AND POETRY OF THE RESTORATION AND EIGHTEENTH CENTURY - 3 cr

A survey of English prose and poetry from 1660-1800.

Prereq: 680-206 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.

680-461/661 MAJOR WRITERS (VARIABLE TOPIC) - 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 change of topic.

Prereq: Junior standing and 680-206 or 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 that explores the literary achievements of women and their significance for us today.

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

Intensive training in applying stylistic skills to diverse practical writing situations, developing literary editing and publishing skills, and using desktop publishing technology; students will write a group of texts and publish them in various formats as appropriate.

Prereq: 680-378.

680-486 SENIOR SEMINAR IN ENGLISH - 3 cr

A capstone course designed to refine and integrate students' literary, critical, research and writing skills through intensive study and analysis of a selected work or works.

Prereq: Senior standing or consent of instructor. Open only to students majoring in English programs.

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. 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

Variable topics published prior to registration. Repeatable.

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.

680-498 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.

* 680-101 and 680-102 (or 680-161 and 680-162) are prerequisites for this course.

** Meets the Human Relations requirement.

FOREIGN LANGUAGES

French
German
Spanish

Faculty. Carlos de Onis, Roland Durette, Leilani Garcia-Turull, Jian Guo, Peter Hoff. Elaine Johnson, Regis Lecoanet, Karl H. Merz, Manuel Ossers, Helga Rothweiler, Louis Uehling.

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. A reading knowledge of foreign language is a requirement for many graduate degrees.

Placement Exam

Students with no previous university-level foreign language coursework who wish to continue with a language acquired previously must take the appropriate foreign language placement exam and will be placed accordingly.

Credit for Previous Language Study

The Department of Modern Languages and Literatures grants up to 16 credits in French, German or Spanish for previous language study or other language experience provided the student earns at least a "B" in a follow-up course. 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 initial attempt of the first course taken at this University.

A placement test is given to help the student select the proper course. The placement test is advisory only. Departmental advising is recommended.

GENERAL FOREIGN LANGUAGE

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.

FRENCH MAJORS

FRENCH (BA/BS)

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF FRENCH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 682-496, 682-498
2. SELECT 20 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 - 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 437-427

6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF FRENCH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 682-496 AND 682-498
2. SELECT 20 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

FRENCH MINORS/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 682-260, 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

GERMAN MAJORS

GERMAN (BA/BS)

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF GERMAN LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 684-496, 684-498
2. SELECT 20 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 - 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 437-427
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF GERMAN LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE GERM 684-496 AND 684-498

2. SELECT 20 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

GERMAN MINORS

MINOR - 12 CREDITS BEYOND 252

1. SELECT 12 CRED FROM COURSES BEYOND GERMAN 252

GERMAN EDUCATION EMPHASIS

MINOR - 12 CREDITS BEYOND 252

1. GERM 684-260, 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

SPANISH MAJORS

SPANISH (BA/BS)

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF SPANISH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 686-496, 686-498
2. SELECT 20 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 - 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 437-427
6. EDFD 423-212 AND 424-425
7. SELECT 3 CREDITS FROM COURSE C&I 439-492

MAJOR - 26 CREDITS BEYOND 252

1. SELECT 6 CRED OF SPANISH LITERATURE COURSES NUMBERED 400 EXCEPT FOR COURSE 686-496, 686-498
2. SELECT 20 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

SPANISH MINORS/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 686-260, 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

FRENCH COURSE DESCRIPTIONS

682-141 BEGINNING FRENCH - GH - 4 cr

An elementary course with oral emphasis. Grammar, reading, writing, conversation. Class meets five times a week.

682-142 BEGINNING FRENCH - GH - 4 cr

Continuation of 682-141. Class meets five times a week.
Prereq: 682-141 or equiv.

682-251 INTERMEDIATE FRENCH - GH -4 cr

Grammar review, reading, oral and written exercises, conversation.
Prereq: 682-142 or equiv.

682-252 INTERMEDIATE FRENCH - GH - 4 cr

Continuation of 682-251.
Prereq: 682-251 or equiv.

682 260 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: 682-251 or equiv.

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 equiv.

682-322 ADVANCED FRENCH LANGUAGE STUDY - GH - 3 cr

Continuation of 682-321.
Prereq: 682-321 or cons instr.

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 equiv.

682-332 READINGS IN MODERN FRENCH - 3 cr

Similar to 682-331; with different texts.
Prereq: 682-321 or 682-331.

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 - 3 cr

Repeatable

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.

682-498 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 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. Class meets five times a week.

684-142 BEGINNING GERMAN - GH - 4 cr

Continuation of 684-141. Class meets five times a week.

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.

684-260 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: 684-251 or equiv.

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.

684-370 GERMAN FOR BUSINESS - 3 cr

A course for students who plan to use their proficiency in German in a business career. This course provides an introduction to concepts and terminology associated with doing business in the German-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 German business world.

Prereq: 9 credits of 300 or 400 level German courses, or cons inst.

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 - 1-3 cr

Repeatable

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.

684-498 INDEPENDENT STUDY - 1-3 cr

Repeatable for a maximum of 6 credits in major/degree.

Prereq: Majors and minors and cons. dept.

SPANISH COURSE DESCRIPTIONS

686-141 BEGINNING SPANISH - GH - 4 cr

An elementary course with oral emphasis. Grammar, reading, writing, conversation.

Class meets five times a week.

686-142 BEGINNING SPANISH - GH - 4 cr

Continuation of 686-141. Class meets five times a week.

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.

686-260 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: 686-251 or equiv.

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: 686-252 or equiv.

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: 686-252 or equivalent.

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: 686-252 or equiv.

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: 686-252 or equiv.

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.

686-390 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.

686-482 CONTEMPORARY SPANISH LITERATURE - 3 cr

Study of selected novels, short stories, plays and poems in Spain from 1936 to present. Emphasis varies by genre each semester.

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

686-494/694 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.

686-498 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.

DEPARTMENT OF PHILOSOPHY & RELIGIOUS STUDIES

Faculty: Richard Brooks, David Cartwright (Chairperson), Wade Dazey, Ann Luther, Andrea Nye, 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

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.

782-251 LOGIC GH 3 cr

By examining basic concepts, methods, and techniques for evaluating argumentation, this course aims at developing student's 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: 100-105 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: 840-105, 880-105, 890-105, 892-105 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: 600-105.

782-300 EPISTEMOLOGY AND METAPHYSICS GH 3 cr

A critical analysis of issues and problems in epistemology and metaphysics. Topics, such as the nature of truth, belief, and knowledge, the problem of perception, the mind-body problem, skepticism, and ontology will be considered.

Prereq: 600-105 or sophomore level.

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: 600-105 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: 600-105 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: 740-105 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: 600-105 or sophomore level.

782-350 PHILOSOPHY OF MIND 3 cr

A presentation and analysis of problems and concepts relevant to the philosophy of mind, such as action, intention, the problem of other minds, nature of thought,

perception, memory, emotion, and consciousness.

Prereq: 3 cr of philosophy or cons instructor.

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 cons instructor.

782-410 MILITARY ETHICS 1 cr

A critical examination and discussion of ethical issues and problems associated with military service. Topics, such as moral reasoning and decision making, the moral justification of war, the morality of commanding and obeying, and moral dissent, will be considered.

Prereq: Corequisite link in Military Science 450-410 or cons instructor.

782-441 MEDIEVAL INTELLECTUAL HISTORY 3 cr

A comprehensive study of the history of medieval thought from the late Roman period to approximately 1500 A.D.. The emphasis is primarily upon the development of philosophy, although the course also treats the areas of literature, science and spirituality.

Prereq: 740-154, 740-452 or 782-341, or equiv.

Unreq: 740-441.

782-490/690 WORKSHOP Repeatable 1-3 cr

782-494/694 SEMINAR Repeatable 1-3 cr

782-496/696 SPECIAL STUDIES Repeatable 1-3 cr

782-498 INDEPENDENT STUDY Repeatable 1-3 cr

940-246 BUSINESS ETHICS GI 3 cr

(See Interdisciplinary Studies)

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. They fulfill General Education requirements in the Humanities and several Religious Studies courses fulfill western and non-western cultural requirements for teacher licensure. Selected Religious Studies courses are electives in other majors or minors such as Asian Studies, International Studies, Philosophy, and Race and Ethnic Cultures.

786-201 CRITICAL ISSUES IN MODERN RELIGION GH 3 cr

An introduction to basic religious issues relating to contemporary academic concerns and Western cultural life. A variety of scholarly treatments will be analyzed and discussed for their intellectual relevance to these issues.

786-211 INTRODUCTION TO EASTERN RELIGIONS GH 3 cr

An introduction to the basic ideas, history, and practices of the major eastern religious traditions of Hinduism, Buddhism, Jainism, Taoism, Confucianism, and Shinto.

786-212 INTRODUCTION TO WESTERN RELIGIONS GH 3 cr

An introduction to the basic ideas, history, and practices of the major western religious traditions, including ancient national religions, Zoroastrianism, 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 social integration

Prereq: 230-105, 722-105, 820-105 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: 230-105, 722-105, 820-105 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: 740-105 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 1648 with emphasis on the Renaissance in Italy and northern Europe and the period of the Reformation. (Offered jointly with history).

Prereq: 230-105 or 722-105 or 820-105 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 Repeatable 1-3 cr

786-494 SEMINAR Repeatable 1-3 cr

786-496/696 SPECIAL STUDIES Repeatable 1-3 cr

786-498 INDEPENDENT STUDIES Repeatable 1-3 cr

DEPARTMENT OF PHYSICS

Faculty: Elizabeth George, Russell Helwig, Kenneth Menningen, Paul Rybski, Frank Stekel (Chairperson), Shirley Stekel, Neil Stone, Norm Stoner, 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 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
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 765-171, 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 - 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 34 CREDITS

1. PHYS 800-310, 800-320, 800-410 AND 800-489
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 REMAINING CRED FROM PHYSICS 800-152, 800-221, ASTR 805-112 AND COURSES NUMBERED 300 OR 400 WITH NO MORE THAN 3 CREDITS SELECTED FROM COURSES 800-490 THRU 499

WRITING - 3 CREDITS

1. ENGL 680-370 OR 680-372 RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GENERAL SCIENCE-BROADFIELD PHYSICAL SCIENCE EMPHASIS (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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

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 - 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

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 (GEOG 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
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 1 CRED FROM PHYS 800-221 OR LAB COURSES NUMBERED 300 OR 400 LEVEL PHYS 800-331, 800-355, 800-411, 800-413
4. SELECT ELECTIVES FOR TOTAL OF 24 CRED FROM COURSES AT 300 OR 400 LEVEL

COURSE DESCRIPTIONS

PHYSICS (800)

800-130 PHYSICAL SCIENCE GL 5 cr

A synthesis of physics, chemistry and astronomy with emphasis on physics as the foundation for the physical sciences. Designed to satisfy the laboratory science requirement in General Studies, it is concerned with the philosophy, history, methods and fundamental concepts of physical science without rigorous mathematical treatment. Four one-hour lectures and one two-hour laboratory per week.

Coreq: 600-105 or consent of instructor.

Unreq: 800-210

800-152 PHOTOGRAPHY 3 cr

A lab/activity-oriented basic course in photography. Subject matter includes 35mm camera and darkroom techniques, lenses and light properties. Portrait, special effects and time-exposure photography are taught. Darkroom techniques include

film development (B/W) and print processing. Field studies are an integral part of the course. Cameras and darkrooms available for student use. Two one-hour lectures plus one two-hour laboratory per week.

800-160 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 behavioral 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: 800-170.

800-161 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 800-160. One three-hour laboratory per week.

Coreq: 800-160.

Unreq: 800-173.

800-162 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 behavioral sciences. Four one-hour lectures per week.

Prereq: 800-160.

800-163 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 800-162. One three-hour laboratory per week.

Coreq: 800-162.

Unreq: 800-175.

800-170 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: 760-152.

Unreq: 800-160.

800-172 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: 800-170.

Coreq: 760-253.

800-173 INTRODUCTORY PHYSICS LABORATORY I GL 1 cr

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: 800-172.

Unreq: 800-161.

800-174 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: 800-172.

Coreq: 760-254.

800-175 INTRODUCTORY PHYSICS LABORATORY II GL 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: 800-174.

Unreq: 800-163.

800-210 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, sound, light, heat, electricity and magnetism. Two seventy-five minute lecture-activity periods per week.

Coreq: 600-105 or consent of instructor.

Unreq: 800-130.

800-221 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: 800-174 and 800-175 or 800-162 and 800-163 and Computer Science 765-171.

800-240 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.

800-280 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: 800-170, 760-253 or con reg in 760-253.

800-282 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: 800-280, 760-254 or con reg in 760-254.

800-303/503 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) 800-175 (or 800-163) and 765-171 or (b) con reg in 765-302/502 or (c) grad st with computer programming experience.

800-310 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: 800-174 and 800-175 or 800-162 and 800-163 and 760-254.

800-320 ELECTRICITY AND MAGNETISM I 3 cr

A study of electromagnetic fields, capacitance, dielectric theory, magnetostatics, electromagnetic induction, magnetic properties of matter and Maxwell's equations. Three one-hour lectures per week.

Prereq: 800-174 and 800-175 or 800-162 and 800-163 and 760-254.

800-322 ELECTRICITY AND MAGNETISM II 3 cr

A study of electrostatic and magnetostatic systems, applications of Maxwell's equations, electromagnetic radiation and electrodynamics. Three one-hour lectures per week.

Prereq: 800-320.

800-330 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: 800-174 and 800-175 or 800-162 and 800-163.

800-331 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: 800-330 or con reg in 800-330.

800-354 OPTICS 3 cr

A study of geometrical and physical optics for physics majors and minors and other students interested in light, optical spectra or crystallography. Special emphasis is placed on dispersion, refraction, absorption, interference, diffraction, polarization and holography. Three one-hour lectures per week.

Prereq: 800-174, 800-175 or 800-162 and 800-163 and 760-254.

800-355 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: 800-354.

800-364 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: 800-174/800-175 or 800-162/800-163 and 760-254.

800-410/610 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: 800-174/800-175 or 800-162/800-163 and 760-254.

800-411/611 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: 800-410 or con reg or cons instr.

800-412/612 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: 800-410.

800-413 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: 800-412 or concurrent registration or consent of instructor.

800-489 PHYSICS SENIOR SEMINAR 1 cr

Students will demonstrate mastery of methods of summarizing work in progress, including literature citation, work summary and proposal for future work; 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.

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.

800-490/690 PHYSICS WORKSHOP 1-8 cr

Repeatable for a maximum of 3 credits in major or minor in physics.

800-491/691 TRAVEL STUDY Repeatable 1-3 cr

800-493 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.

800-494 PHYSICS SEMINAR 1 cr

Repeatable.

Prereq: Senior standing and consent of instructor.

800-496/696 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.

800-498 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.

ASTRONOMY (805)

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.

Prereq: 600-105 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.

Prereq: 600-105 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.

Prereq: Consent of instructor.

805-430/630 ASTRONOMY FOR TEACHERS 3 cr

An individualized course intended for teachers with limited astronomy background. Subject matter covered will depend on the needs and interests of the students. Each student does an experimental or observational project which is 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: Consent of instructor.

DEPARTMENT OF POLITICAL SCIENCE

Faculty: Charles Cottle, Zohreh Ghavamshahidi, H. Gaylon Greenhill, Ruth Grubel, Robert Heidorn, John F. Kozlowski (Chairperson), John Oh, Robert Rothweiler, 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:

820 317, 820 318, 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, 820 380, 820 460, 820 471.

IV. International Relations Courses:

820 350, 820 351, 820 377, 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 820-317, 820-318, 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, 820-380, 820-460 AND 820-471
5. SELECT 3 CRED FROM COURSES AREA 4-INTERNATNL RELATIONS PSCI 820-350, 820-351, 820-377 AND 820-457
6. SELECT 3 CRED FROM COURSES AREA 5-POL THEORY PSCI 820-411, 820-412 OR 820-420
7. SELECT 12 ELECTIVE CRED FROM THE POLITICAL SCIENCE DEPARTMENT
8. COMPLETE SIGNIFICANT WRITING IN ADVANCED COURSE WITH VERIFICATION BY INSTRUCTOR. AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

POLITICAL SCIENCE (BSE)

LICENSURE - 39-40 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 34 CREDITS

1. PSCI 820-141 AND 820-301

2. SELECT 3 CRED FROM COURSES AREA 1-AMER GOVMT PSCI 820-317, 820-318, 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, 820-380, 820-460 AND 820-471
5. SELECT 3 CRED FROM COURSES AREA 4-INTERNATNL RELATIONS PSCI 820-350, 820-351, 820-377 AND 820-457
6. SELECT 3 CRED FROM COURSES AREA 5-POL THEORY PSCI 820-411, 820-412 OR 820-420
7. SELECT 13 ELECTIVE CREDITS FROM THE POLITICAL SCIENCE DEPARTMENT
8. 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 - 39-40 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 54 CREDITS

1. PSCI 820-141 AND 820-301
2. SELECT 3 CRED FROM COURSES AREA 1-AMER GOVMT PSCI 820-317, 820-318, 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, 820-380, 820-460 AND 820-471
5. SELECT 3 CRED FROM COURSES AREA 4-INTERNATNL RELATIONS PSCI 820-350, 820-351, 820-377 AND 820-457
6. SELECT 3 CRED FROM COURSES AREA 5-POL THEORY PSCI 820-411, 820-412 OR 820-420
7. SELECT 13 ELECTIVE CREDITS FROM THE POLITICAL SCIENCE DEPARTMENT
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 - 39-40 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 54 CREDITS

1. PSCI 820-141
2. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:
 - GROUP 1: PSCI 820-317, 820-318, 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, 820-471
 - GROUP 4: PSCI 820-350, 820-351, 820-377, 820-457

- GROUP 5: PSCI 820-411, 820-412, 820-420
- SELECT 10 ELECTIVE CREDITS FROM THE POLITICAL SCIENCE DEPARTMENT
- SELECT 32 CRED FROM AT LEAST 3 DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, PSYCHOLOGY AND SOCIOLOGY
- COMPLETE SIGNIFICANT WRITING IN ADVANCED COURSE WITH VERIFICATION BY INSTRUCTOR.

MINORS/EMPHASES

POLITICAL SCIENCE

MINOR - 21 CREDITS

1. PSCI 820-141
2. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:
 - GROUP 1: PSCI 820-317, 820-318, 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, 820-471
 - GROUP 4: PSCI 820-350, 820-351, 820-377, 820-457
 - GROUP 5: PSCI 820-411, 820-412, 820-420
3. SELECT 9 ELECTIVE POLITICAL SCIENCE CREDITS

POLITICAL SCIENCE EDUCATION EMPHASIS

MINOR - 22 CREDITS

1. PSCI 820-141
2. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:
 - GROUP 1: PSCI 820-317, 820-318, 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, 820-471
 - GROUP 4: PSCI 820-350, 820-351, 820-377, 820-457
 - GROUP 5: PSCI 820-411, 820-412, 820-420
3. SELECT 10 ELECTIVE POLITICAL SCIENCE CREDITS

CRIMINAL JUSTICE

Ron Berger, Coordinator

The Criminal Justice Minor is an interdisciplinary program which can enhance students' intellectual understanding of the criminal justice system. It seeks to go beyond specific skill-oriented training to develop analytical and critical insight. The minor can help prepare students to pursue career objectives in the following areas: law enforcement (local, state, or federal), adult probation/parole, juvenile probation or counseling, 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 460-455
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, 820-421, 820-414, 820-415, 820-419
 - GROUP 3: SOCW 860-102, 860-235, 860-311, 860-380
 - GROUP 4: SFTY 460-455
 - GROUP 5: PSYC 840-304, 840-332, 840-345, 840-355, 840-446, 840-451
 - GROUP 6: SPCH 166-224, 166-228, 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, FINC 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

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 CRIMINALJUSTICE 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.

COURSE DESCRIPTIONS

820-105 GLOBAL PERSPECTIVES: POLITICAL SCIENCE GS/Core 3 cr

An introductory survey of global relations and problems utilizing the methods of economic, geographic, and political description and analysis. May not be taken on a satisfactory/no credit grade basis.

Unreq: 722-105 and 230-105.

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: 850-247, 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.

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: Any political science general studies course.

820-316/516 POLICE & 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: Any political science general studies course.

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: Any political science general studies course.

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: Any political science general studies course.

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: Any political science general studies course.

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: Any political science general studies course.

**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: Any political science general studies course.

820-346/546 POLITICS IN WISCONSIN (AREA I COURSE) 3 cr

A study of government and politics in Wisconsin. Policy formation and administration at both the state and local levels will be considered, with attention to the main branches of government, political parties, interest groups, functions and services.

Prereq: Any political science general studies course.

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: Any political science general studies course.

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: Any political science general studies course.

**820-352 COMPARATIVE GOVERNMENT-EUROPE
(AREA III COURSE) 3 cr**

Study and analysis of the political systems and public policies of Britain, France, Italy, West Germany, and Russia. Constitutional and political structures and processes are

studied along with political culture.

Prereq: Any political science general studies course.

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: Any political science general studies course. Unreq: 880-356.

820-357/557 PUBLIC OPINION AND POLITICAL BEHAVIOR (AREA ICOURSE) 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: Any political science course general studies course.

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: Any political science general studies course.

820-377 WESTERN EUROPEAN FOREIGN POLICIES (AREA IV COURSE) 3 cr

A comparative analysis of the foreign policies of Britain, France, and Germany, and other Western European nations, with emphasis on the European Community, the NATO alliance and defense policy.

Prereq: Any political science general studies course.

820-380/580 WOMEN AND POLITICS (AREA III 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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political science general studies course.

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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political studies general studies course.

820-419/619 THE JUDICIAL PROCESS (AREA I COURSE) 3 cr

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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political science general studies course.

**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: Any political science general studies course.

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: Any political science general studies course. Unreq: 860-462/662.

**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: Any political science general studies course.

**820-489/689 SEMINAR IN PUBLIC ADMINISTRATION
(AREA II COURSE) 3 cr**

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: Any political science general studies course.

SPECIAL COURSES

Courses in this section can be counted in the area which was given emphasis during the semester the course was taken.

820-488/688 SEMINAR IN POLITICAL SCIENCE 3 cr

An intensive investigation of the major ideas and problems of politics with emphasis on research methods and values in political science, discussions, reports on readings, research papers.

Prereq: Any political science general studies course. Repeatable two times for maximum 6 credits major and degree.

820-490/690 WORKSHOP 1-6 cr

Repeatable for a maximum of 6 credits in major/degree.

Prereq: Any political science general studies course.

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: Any political science general studies course or consent of department chairperson.

820-496/696 SPECIAL STUDIES 1-3 cr

Repeatable for a maximum of 6 credits in major/degree.

Prereq: Any political science general studies course.

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

Faculty: Deborah Aks, Barbara Beaver, Gregory Cook, Kimberley Crook, Douglas Eamon, I-ning Huang, James Larson, Cliff O'Beirne, Kenneth Salzwedel (Chairperson), Richard Schlafer, Meg Waraczynski.

You will spend a lifetime seeking to understand yourself and others, so perhaps you should begin now to look for objective answers by majoring or minoring in psychology. If you wonder about how the world is put together and why people behave as they do, you can expect psychology to show you how to look for the answers in an intelligent way.

Psychology is a science which searches for answers to a myriad of questions about behavior. Psychology is also a profession which is committed to helping people.

A psychology major offers a choice of preparations 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 - 34 CREDITS

1. PSYC 840-211
2. PSYC 840-215 AND 840-216
3. 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
4. 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
5. SELECT 12 CRED OF PSYCHOLOGY ELECTIVES

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 - 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 34 CREDITS

1. PSYC 840-211, PSYC 840-215, 840-216
2. PSYC 840-301, 840-303, 840-304, 840-331, 840-345 AND 840-355
3. PSYC 840-305 OR 840-351
4. SELECT 3 ELECTIVE PSYCHOLOGY CREDITS

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 - 34-35 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 54 CREDITS

1. PYSC 840-211, 840-215, 840-216
2. PSYC 840-301, 840-303, 840-304, 840-331, 840-345 AND 840-355
3. PSYC 840-305 OR 840-351
4. SELECT 3 ELECTIVE PSYCHOLOGY CREDITS

5. SELECT 20 CRED FROM DEPTS OF ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, POLITICAL SCIENCE AND SOCIOLOGY. AT LEAST 2 DEPTS ARE REQUIRED

WRITING - 3 CREDITS

1. PSYC 840-216 RLS
2. MATH 760-143 OR 760-152 RLS

SOCIAL STUDIES-BROADFIELD PSYCHOLOGY II EMPHASIS (BSE)

LICENSURE - 39-40 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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 54 CREDITS

1. PYSC 840-211, 840-215, 840-216
2. PSYC 840-301 OR 840-301
3. PSYC 840-303 OR 840-351
4. PSYC 840-304 OR 840-355
5. PSYC 840-331 OR 840-355
6. SELECT 32 CRED FROM DEPTS OF ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, POLITICAL SCIENCE AND SOCIOLOGY. 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

MINOR - 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 DEPARTMENT

PSYCHOLOGY EDUCATION EMPHASIS

MINOR - 22 CREDITS

1. PSYC 840-211
2. PSYC 840-215, 840-216, 840-332, 840-345 AND 840-355

3. SELECT 1 COURSE FROM PSYC 840-301, 840-303, 840-305, 840-351, 840-424

MINOR - 3-5 CREDITS

1. MATH 760-143 OR 760-152 RLS

Social Studies minor in elementary education curriculum: See L&S Interdepartmental section.

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.

840-105 INDIVIDUAL AND SOCIETY - PSYCHOLOGY GS/Core 3 cr

An introduction to the study of individual behavior and experience as affected by biological, situational, social and cultural variables. Theories and research data relating to development, perception, learning, memory, emotion, language, social behavior, and behavior disorders are examined. Emphasis is placed upon what all human beings share in common as members of the human species, and upon variations in behavior and experience attributable to social and cultural differences. May not be taken on a satisfactory/no credit grade basis.

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 4 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 GS 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 5 credits of biology.

840-303 LEARNING AND CONDITIONING GS 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 or junior standing.

840-304 PSYCHOLOGY OF PERSONALITY GS 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 or junior standing.

840-305 PSYCHOLOGY OF PERCEPTION GS 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 or junior standing.

840-323/523 ANALYSIS OF HUMAN BEHAVIOR 3 cr

Examines the relations of environmental variables to stability and change of individual human behavior by applying principles of respondent (reflexive behavior) and operant (non-reflexive behavior) analysis to such topics as personality, emotion, development, social behavior, learning, skill acquisition, self-concepts, behavior disorders and therapy, etc.; and includes a critical consideration of assumptions of behavioristic approaches in psychology.

Prereq: 840-211 or junior standing.

840-331 PSYCHOLOGY OF CHILDHOOD GS 3 cr

An introduction to the psychological research on child development with emphasis on physical, cognitive, social and emotional development.

Prereq: 840-211 or junior standing.

840-332 PSYCHOLOGY OF ADOLESCENCE GS 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 or junior standing.

840-345/545 BEHAVIOR DISORDERS 3 cr

An introductory survey of abnormal psychology covering the clinical syndromes includes 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.

Prereq: 840-304 or 6 credits in psychology and junior standing.

840-351 COGNITIVE PSYCHOLOGY 3 cr

An experimental and theoretical treatment of the processes of thought, memory, language, and problem solving. Students will explore various theories of cognition, examine empirical evidence relevant to them, and design and conduct experimental studies to test and extend them.

Prereq: 840-315

840-355 SOCIAL PSYCHOLOGY GS 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 or junior standing.

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: 9 psychology credits, psychology major or minor, and permission of field training emphasis committee.

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 2 cr

Students, under faculty supervision, participate in some or 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: 840-315 and/or permission of instructor and junior standing.

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: 840-303 or 840-323 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.

840-452/652 ORGANIZATIONAL PSYCHOLOGY RESEARCH SEMINAR 3 cr

A study of research in applied social psychology relevant to solving problems resulting from patterns of organization and interaction; emphasizes formal organizations such as businesses and agencies, but includes other problem interactions as well. Provides opportunities to identify, research and develop solutions to problems in real and simulated organizations.

Prereq: 840-355 or 880-355 and junior standing.

**840-485 INTERVIEW AND PSYCHOTHERAPY
TECHNIQUES WITH OLDER CLIENTS 3 cr**

A systematic approach to the interview relationship utilized by the therapist working with older persons. A review of the effects of methods of therapy upon improvement of communication, socialization, and general mental health of the elderly.

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.

**840-487 FIELD WORK EXPERIENCE IN PSYCHOLOGY
5-10 cr**

Supervised experience in providing psychological services in a mental health, community service, school or business setting. Options are 16 hours per week for 5 credits per semester or 32 hours per week for 10 credits per semester. To begin field placement, completion of three of the four required courses is necessary.

Prereq: 840-440, 840-444, 840-451, and 840-486.

840-488 FIELD WORK SEMINAR IN PSYCHOLOGY 2 cr

Seminar for psychological technicians enrolled in field work experiences. Issues pertinent to placement experiences, interpretation of clinical devices, integration of findings of a battery of psychological tests and data from various sources, current researches and professional problems in clinical psychology with emphasis on recent literature are treated.

Coreq link: 840-487.

840-489 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: 840-345; 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 and 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 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.

Prereq: Psychology major or minor with at least 21 credits in psychology courses and a minimum overall GPA of 3.5.

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.

PROGRAM OF RACE AND ETHNIC CULTURES

Faculty: Lloyd Binagi, Carlos de Onis, Eugene Grigsby (Coordinator), John Valadez.

The Program of Race and Ethnic Cultures offers a 24-credit minor composed of 3 credits of American Indian Studies, 9 credits of Afro-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' learning and wisdom, while complementing any major, preparing students for the future.

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

COURSE DESCRIPTIONS

RACE AND ETHNIC CULTURES - GENERAL (610)

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

**610-380/580 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.

AFRO-AMERICAN STUDIES (614)

The objectives of Afro-American Studies are to provide a systematic study of the experiences, conditions, and origins of Afro-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 Afro-American

Studies provides the student with an opportunity to gain knowledge and understanding of the history, social organization, current conditions, and problems that face Afro-Americans as a racial minority in the United States. Additionally, the study of the Afro-American experience will unfold and analyze the Afro-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.

614-120 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: 740-120

**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.

(Offered jointly with Sociology)

Unreq: 880-270.

**614-320/520 A HISTORY OF BLACK
MIGRATION IN THE U.S. GE/Diversity 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 740/852 220 or 614-100 or consent of instructor.

**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.

614-470 AFRICAN AMERICAN FAMILY 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 Sociology.)

Prereq: 614-100 or 880-140 and 880-252 or 614-270.

Unreq: 880-470.

614-490/690 WORKSHOP Repeatable 1-3 cr

614-491/691 TRAVEL STUDY Repeatable 1-3 cr

614-494 SEMINAR Repeatable 1-3 cr

614-496/696 SPECIAL STUDIES Repeatable 1-3 cr

614-498 INDEPENDENT STUDY 1-3 cr

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 Repeatable 1-3 cr

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.

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.

615-480/680 MEXICAN LITERATURE IN TRANSLATION
Diversity 3 cr

This course offers the student an opportunity to learn the traditions and heritage of Mexico. It traces the development of the Liberal Revolution in Mexico as seen through the 20th Century Mexican novel and short story.

615-490/690 WORKSHOP 1-3 cr

Repeatable a maximum of three times.

615-491/691 TRAVEL STUDY Repeatable 1-3 cr

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

Faculty: Karen Kirst-Ashman, Catherine Baratta, LaVonne Cornell-Swanson, Gina Miranda, William Powell (Chairperson), James Winship, Janet Wright, Charles Zastrow.

The primary objective of the social work major is preparation of students for beginning level professional 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 minority groups 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

All students are admitted as pre-majors. Pre-majors may take all social work courses before the professional segment but must be admitted to the major itself to take courses numbered (860) 371 or higher. Other 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, 860-373, and 860-494) 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 AND 860-161
2. SOCW 860-311 AND 860-312

3. SOCW 860-371, 860-372 AND 860-373
4. SOCW 860-462 AND 860-482
5. SELECT 12 CREDITS FROM COURSE SOCW 860-493

UNIQUE REQUIREMENT - 16 - 17 CREDITS

1. PSCI 820-141 RLS
2. ANTH 892-105 OR PSYC 840-105 OR SOC 880-105
3. BIOL 630-120 OR HPRC 442-271 RLS

WRITING PROFICIENCY - 3 CREDITS

1. ENGL 680-370 OR 680-372 RLS

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 welfare majors.

860-161 INTRODUCTION TO SOCIAL SERVICE COMPUTING 1 cr

This course is a brief introduction to the uses of computers in social work practice and includes instruction about beginning word processing skills and the use of database programs. In addition to this course's relationship to learning practice-related skills, it is also focused on helping students be more successful in using computers in university coursework. Designed to begin at the level of students' existing skills, this course will include an assessment of students' ability to use (e.g.) Microsoft windows and word processing programs. Based upon this assessment of the level of existing skills, students will receive instruction to build upon and expand existing skills. This course also serves as a prerequisite for 860-482 Social Work Research and is a precursor for further computer instruction and usage in that

course.

Prereq: Open to Social Work and Pre-Social Work majors only.

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.

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 normal processes of physical, emotional, and socio-cultural development from infancy to young adulthood. It will enable the student to better recognize and understand common factors and needs affecting normal development and maturity and relate these to social work practice.

Prereq: 840-105 or 880-105 or 890-105 or 892-105 and 630-120 and 860-102. One of these courses may be taken concurrently if all others are completed.

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 normal processes of physical, emotional and socio-cultural development from middle adulthood through old age. It will enable the student to better recognize and understand common factors and needs affecting normal development and maturity and relate these to social work practice.

Prereq: 860-311.

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 con dept chp.

860-371 SOCIAL WORK PRACTICE I 3 cr

This course presents contemporary theoretical approaches to social work intervention with individuals, groups, families, organizations and communities. This

course uses a competency approach to assess and develop student interviewing and interpersonal skills.

Coreq: 860-311.

All prerequisites for 860-311 must be completed before 860-371 may be taken. Also Social Work major or consent of department chairperson.

860-372 SOCIAL WORK PRACTICE II 3 cr

This course is designed to provide knowledge and skills needed to engage in social work practice, including further development of interviewing and interpersonal skills. The primary emphasis will be on the application of social work problem solving strategies to small group systems and will include the use of group work skills with families, communities, and organizational systems.

Prereq: 860-311, 860-371

Coreq: 860-312.

860-373/573 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.

Prereq: 860-372.

860-380/580 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: 610-380/580.

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.

860-482/682 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: 860-372 or concurrent registration and 860-161.

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: 860-373, 860-462, and 860-482 (one of the courses may be taken concurrently if the other two courses are completed), and cons instr.

860-494/694 SEMINAR IN SOCIAL WORK METHODS3 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.

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

Faculty: Ronald Berger, Gilbert Gloyer, Charles Green, Eugene Grigsby, Hadley Klug, Lanny Neider (Chairperson), Lawrence Neuman, Richard Salem, Patricia Searles, Linda Stoneall, 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.

General Sociology: To prepare the student to understand the general structure of society, and to function more effectively within it.

Career orientation: To provide the student with research/work experience in keeping with his/her intended occupational interests and goals.

Graduate training: To prepare the student who anticipates early entry into a graduate program in sociology.

SOCIOLOGY MAJOR/MINOR GRADUATION REQUIREMENTS

Sociology BA/BS graduation requirements

1. Minimum major or 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 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: 880-250, 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, 880-345, 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, 880-325, 880-370/570, 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 880-140 AND 880-476
2. SOC 880-390 OR 880-475 (THE COURSE NOT SELECTED BECOMES AN OPTION IN GROUP 6 OF REQUIREMENT 4 BELOW)
3. SOC 880-477 OR (880-478 AND 880-493)
4. SELECT 1 COURSE FROM 4 OF THE 6 GROUPS BELOW
 - GRP 1: SOC 880-250, 880-265, 880-340, 880-385, 880-388, 880-451 AND 880-459
 - GRP 2: SOC 880-252, 880-260, 880-330, 880-353, 880-356, 880-380, 880-410 AND 880-455
 - GRP 3: SOC 880-276, 880-325, 880-370, 880-374 AND 880-378
 - GRP 4: SOC 880-345 AND 880-355
 - GRP 5: SOC 880-352, 880-362 AND 880-465
 - GRP 6: SOC 880-374, 880-365, 880-390, 880-475, 880-477 AND 880-478
5. SELECT 9 ELECTIVE CREDITS IN SOCIOLOGY AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIOLOGY (BSE)

LICENSURE - 39-40 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

- SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 33 CREDITS

1. SOC 880-140 AND 880-476
2. SOC 880-390 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 880-250, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465
 - GRP 2: SOC 880-265, 880-270, 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, 880-325, 880-370, 880-374 AND 880-378
4. SELECT 12 ELECTIVE CREDITS IN SOCIOLOGY AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIAL STUDIES-BROADFIELD SOCIOLOGY I EMPHASIS (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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 54 CREDITS

1. THE 33 CRED SOCIOLOGY OPTION INCLUDES SOC 880-140 AND 880-476
2. SOC 880-390 OR 880-475 (THE COURSE NOT SELECTED BECOMES AN ELECTIVE)
3. SELECT 1 COURSE FROM THE 4 GROUPS LISTED BELOW
 - GRP 1: SOC 880-250, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465
 - GRP 2: SOC 880-265, 880-270, 880-345, 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, 880-325, 880-370, 880-374 AND 880-378
 - OTHER SPECIALIZED ELECTIVE COURSES 880-490, 880-491, 880-494, 880-496, 880-498 AND 880-499
4. SELECT 12 ELECTIVE CREDITS IN SOCIOLOGY
5. SELECT 21 CREDITS FROM AT LEAST 2 OTHER SOCIAL SCIENCES DEPTS

SOCIAL STUDIES-BROADFIELD SOCIOLOGY II EMPHASIS (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
 - SELECT 2 OR 12 CREDITS FROM C&I 439-412
 - 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

MAJOR - 54 CREDITS

1. THE 21 CRED SOCIOLOGY OPTION INCLUDES SOC 880-140
2. SOC 880-390 OR 880-475 OR 880-476
3. SELECT 15 CREDITS FROM AT LEAST 2 GROUPS IN SOCIOLOGY

4. SELECT 33 CREDITS FROM AT LEAST 3 OTHER SOCIAL SCIENCES DEPTS

MINORS

MINOR - 24 CREDITS

1. SOC 880-140
2. SELECT ONE COURSE FROM SOC 880-390 OR 880-475 OR 880-476
3. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:
 - GRP 1: SOC 880-250, 880-340, 880-352, 880-355, 880-362, 880-380, 880-385 AND 880-465
 - GRP 2: SOC 880-265, 880-270, 880-345, 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, 880-325, 880-370, 880-374 AND 880-378
4. SELECT CREDITS FROM COURSES NOT CHOSEN IN REQUIREMENT 3 TO TOTAL 21 CRED FOR MINOR

CRIMINAL JUSTICE

The Criminal Justice Minor is an interdisciplinary program which can enhance students' intellectual understanding of the criminal justice system. It seeks to go beyond specific skill-oriented training to develop analytical and critical insight. The minor can help prepare students to pursue career objectives in the following areas: law enforcement (local, state, or federal), adult probation/parole, juvenile probation or counseling, 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 460-455
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, 820-421, 820-414, 820-415, 820-419
 - GROUP 3: SOCW 860-102, 860-235, 860-311, 860-380
 - GROUP 4: SFTY 460-455
 - GROUP 5: PSYC 840-304, 840-332, 840-345, 840-355, 840-446, 840-451
 - GROUP 6: SPCH 166-224, 166-228, 166-328, 166-424
3. NO MORE THAN 12 CREDITS FROM ANY ONE DEPARTMENT MAY BE USED IN THIS MINOR.

COURSE DESCRIPTIONS

880-105 INDIVIDUAL AND SOCIETY GS/Core 3 cr

In this course students will study the basic concepts and principles of sociology. Information from other social sciences is presented on selected topics. Focus in readings and discussions will be given to theoretical perspectives and methods; culture and socialization; groups and group processes; stratification; race ethnic and gender relations; crime and deviance and institutions. Where appropriate, topics are treated in a comparative and historical framework. May not be taken on a satisfactory/no credit grade basis.

Unreq: 613-105 and 840-105.

880-140 INTRODUCTORY SOCIOLOGY 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 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.

880-325/525 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 cons instr.

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 ROLES
(GROUP 2 COURSE) 3 cr**

This course is concerned with how gender roles are defined, institutionalized, and changed. The course will focus primarily on gender roles in contemporary America.

Prereq: 890-100 or 3 crs. of sociology.

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.

**880-374 SOCIOLOGY OF CRIME MANAGEMENT:
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 cons instr.

**880-378 SOCIOLOGY OF CRIME MANAGEMENT:
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 cons instr.

**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.

880-390 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: 3 crs. of sociology.

**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 880-140 or cons instr.

**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 880-140 or cons instr.

**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 880-140 or cons instr.

**880-459/659 SOCIOLOGY OF MINORITIES (GROUP 2 COURSE)
Diversity 3 cr**

An examination of the circumstances under which widely diversified segments of the population may constitute a minority, and hence be subject to differential and unequal treatment in a society. Particular consideration is given to the existence of discrimination, segregation and prejudice, the various forms which each may take, and the relations among them providing the structure of minority-dominant group relations.

Prereq: 6 crs. in sociology including 880-140 or cons instr.

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 hours in Sociology or consent of instructor.

880-470 AFRICAN AMERICAN FAMILY (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: 852-100 or 880-140 and 880-252 or 852-270.

Unreq: 614-470.

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 880-140 or cons instr.

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 880-140 or cons instr.

**880-477/677 DATA COLLECTION AND ANALYSIS
(GROUP 6 COURSE) 3 cr**

Student designed group research projects will be conducted concurrently with the presentation of related class lectures and reading material. Students are expected to work in four or five person groups to formulate a research problem, collect data and perform analysis under the close supervision of the instructor.

Prereq: 880-475 or 880-390 and 880-476.

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: 880-476 or con reg.

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: Sr st and invitation of the staff.

DEPARTMENT OF WOMEN'S STUDIES AND ANTHROPOLOGY

Faculty: Rebecca Hogan, Karen Kirst-Ashman, Geneva Moore, Andrea Musher, Agate Nesaule, Andrea Nye, Star Olderman (Chairperson), Ruth Schauer, Joan Schwarz, Patricia Searles, Sharon Tiffany, Janet Wright.

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 Women'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 CREDITS

1. WNST 890-100
2. WNST 890-489
3. SELECT 3 CRED FROM COURSES WNST 890-370, ANTH 892-334, 892-494, (WOMEN AND SOCIAL CHANGE) AND ENGL 680-368
4. WNST 890-360 OR SOC 880-410 OR ANTH 892-496 (WOMEN AND THE LIFE CYCLE) OR 892-494 (ISSUES IN FEMINIST ANTHROPOLOGY)
5. WNST 890-280 OR PHIL 782-390
6. SELECT 3 CRED FROM COURSES WNST 890-303, ART 115-305, ENGL 680-264, 680-368, 680-463, 680-464, HIST 740-315, 740-325, 740-326, PHIL 782-390, RELG 786-330 AND SPCH 166-326
7. SELECT 3 CRED FROM COURSES WNST 890-240, 890-250, 890-301, 890-350, 890-392, ANTH 892-334, 892-494 (WOMEN AND SOCIAL CHANGE), PSCI 820-380, PSYC 840-202, SOC 880-345, 880-410, AND SOCW 860-341
8. SELECT 6 CRED FROM COURSES WNST 890-301, 890-303, 890-350, 890-360, 890-370, 890-392, 890-490, 890-493, 890-496 AND 890-498
9. SELECT 6 CREDITS FROM APPROVED WOMENS STUDIES COURSES APPROVED BY AN ADVISER

WRITING PROFICIENCY - 3 CREDITS

1. WNST 890-489 AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINOR

WOMEN'S STUDIES

MINOR - 21 CREDITS

1. WNST 890-100
2. WNST 890-489
3. WNST 890-280 OR PHIL 782-390
4. SELECT 3 CRED FROM COURSES WNST 890-240, 890-250, 890-301, 890-350, 890-392, ANTH 892-334, 892-494 (WOMEN AND SOCIAL CHANGE), PSCI 820-380, PSYC 840-202, SOCW 860-341, SOC 880-345 AND 880-410
5. SELECT 9 CREDITS FROM APPROVED WOMENS 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.

COURSE DESCRIPTIONS

890-100 INTRODUCTION TO WOMEN'S STUDIES GE 3 cr

An investigation of women's experience and issues related to women from the perspective of various disciplines. Introduction to research resources and problems in women's studies.

890-105 THE INDIVIDUAL AND SOCIETY GS/Core 3 cr

An interdisciplinary introduction to social scientific thought about human differences and identities. The course will acquaint students with various ways of understanding the formation of human identities, different relations between socially mandated roles and individuality, and ways in which human identities and differences promote liberation or oppression.

Unreq: 840-105, 880-105 and 892-105.

890-240 WOMEN AND WORK GE 3 cr

This course will focus on the special social, economic, and legal issues women face in the work force. It provides an overview of the various labor pools to which women have access.

Prereq: Sophomore standing or consent of instructor.

890-250 WOMEN IN AMERICAN CULTURE GE 3 cr

A study of women in American culture with emphasis on the roles of women in contemporary American society and on their contributions in the past. The experiences and achievements of minority women are discussed.

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.

890-301/501 MARRIAGE, FAMILY AND ALTERNATIVES FOR WOMEN 3 cr

An intensive survey of issues concerning women's roles in marriage and family from the perspectives of the behavioral sciences and humanities.

Prereq: 890-100 or 890-250 for undergraduate students; consent of instructor for graduate students.

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.

890-350/550 STAGES AND TRANSITIONS IN WOMEN'S LIVES 3 cr

A study in the predictable adult stages in women's lives and specific transitions such as divorce, parenting, career decisions, widowhood, and entering or leaving employment.

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.

890-392/592 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.

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' Studies Chairperson.

APPROVED COURSES IN OTHER DEPARTMENTS:

ART GA 115-305/505 History of Women in Art 3 cr.

SPCH 166-326/526 Communication and Gender 3 cr.

ENGL GH 680-264 Women in Literature: A Feminist Re-evaluation 3 cr.

ENGL GH 680-368/568 American Minority Women Writers (Diversity) 3 cr.

ENGL 680-463/663 Nineteenth Century Women Writers 3 cr.

ENGL 680-464/664 Twentieth Century Women Writers 3 cr.

HIST GH 740-315 Women in American History 3 cr.

HIST 740-325/525 Women in the Western World 3 cr.

HIST 740-326/526 History of Contemporary Women from 1800 3 cr.

PHIL 782-390/590 Feminist Philosophy 3 cr.

RELG GH 786-330 Women and Religion 3 cr.

PSCI 820-380/580 Women and Politics 3 cr.

PSYCH GS 840-202 Psychology of Women 3 cr.

SOCW 860-341/541 Sexuality for Professional Growth 3 cr.

SOC 880-345 Sociology of Gender Roles 3 cr.

SOC 880-410/610 Sociology of Health and Illness 3 cr.

ANTH GS 892-334/534 Women in Cross-Cultural Perspective 3 cr.

ANTH 892-494/694 Seminar: Issues in Feminist Anthropology 3 cr.

ANTH 892-494/694 Seminar: Women and Social Change 3 cr.

ANTH 892-496/696 Special Study: Women and the Life Cycle 3 cr.

Special Studies, workshops, internships, and seminars having a specific focus on women may be approved for a single semester. For more information consult the current timetable.

ANTHROPOLOGY

Faculty: 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.

COURSE DESCRIPTIONS

892-105 INDIVIDUAL AND SOCIETY GS/Core 3 cr

A comparative study of past and present human cultures. Anthropological approach to an understanding of personality, society, stability and change in today's world. May not be taken on an satisfactory/no credit grade basis.

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.

892-228 ANTHROPOLOGY OF RELIGION GS 3 cr

Anthropological approaches to the comparative study of religious systems, emphasizing traditional societies in the non-Western World.

Prereq: 892-105, 840-105, 880-105, 820-105, 722-105 or 230-105 or sophomore standing.

892-230 TRADITIONAL SOCIETIES IN CHANGE GS 3 cr

Survey of contemporary anthropological issues in the study of traditional societies and cultural change.

Prereq: 892-110 or 892-218 is recommended but not required.

**892-312/512 ARCHAEOLOGY OF MESO-AND SOUTH AMERICA
3 cr**

Survey of Pre-Columbian civilizations and contemporary societies of Latin America, with emphasis on Mexico (Aztec), the Maya, and Andean South America (Inca).

Prereq: 892-110 or cons instr.

892-324/524 PEOPLES AND CULTURES OF THE PACIFIC 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: 892-105, 840-105, 880-105, 820-105, 722-105 or 230-105 or junior standing.

892-325 PEOPLES AND CULTURES OF SOUTH ASIA 3 cr

Survey of South Asia, with emphasis on the contemporary social and cultural anthropology of India and Nepal.

Prereq: 892-110, 892-218 or cons instr.

**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: 892-105, 840-105, 880-105, 820-105, 722-105 or 230-105 or junior standing.

892-490 ANTHROPOLOGY WORKSHOP 1-6 cr

Repeatable.

Prereq: Consent of instructor.

892-494/694 ANTHROPOLOGY SEMINAR 3 cr

Repeatable.

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.

INTERDISCIPLINARY

DEVELOPMENTAL STUDIES (930)

The Developmental Studies Unit consists of courses in Mathematics, English, Study/Academic Survival Skills, and Reading. The courses are designed to assist incoming students with the skills necessary for success at the university. The courses are small in size, offer individualized attention and provide additional assistance from in-class tutors and/or the Learning Center.

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 DEVELOPMENTAL 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.

DEPARTMENT SPECIFIC DEVELOPMENTAL COURSES

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.

760-040 PRE-ALGEBRA 3 cr

A course for students who need a review of mathematics or who lack the computational skills required for Basic Algebra. Topics include fractions, decimals, ratios, and exponents with emphasis on practical applications. 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.

Unreq: 760-141

760-041 BEGINNING ALGEBRA 3 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 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.

GENERAL

100-215 THE FINE ARTS IN GI WESTERN CULTURE 3 cr

A team-taught course designed to study the interrelationships of Art, Music, Theatre and Dance in the Western world. The emphasis is on the importance of the fine arts in society, and their similarities and differences in both style and content.

940-200 PERSPECTIVES ON NUCLEAR WAR 3 cr

This course examines: The history of nuclear war; the short and long term consequences of nuclear war; the weapons as deterrents of war; the use of non-violent strategies as deterrents of war; the moral dimension of war in the 20th Century.

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 613-105 or 840-105 or 880-105 or 820-105 or 722-105 or 230-105.

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.

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.)

UW CENTER COURSE EQUIVALENCY TABLE

Equivalency Table for students transferring from the University of Wisconsin Centers to the University of Wisconsin-Whitewater

Admissions Office
University of Wisconsin-Whitewater
Revised June, 1995

NOTE: Effective Fall, 1994, the UW-W Proficiency and General Education requirements reflect new requirements. These requirements will be applied to UW-Center students whose first term of enrollment at UW-W is Fall, 1996.

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.

The equivalency table is updated each year if necessitated by a significant number of 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: GA (arts), GE (ethnic studies), GH (humanities), GL (lab science), GM (math-science), GP (physical education), GS (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 Bulletin 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 (GH) at UW-W are foreign language, history, literature, philosophy, religious studies, and speech. The social science subjects (GS) are anthropology, economics, GEOgraphy courses (except 210), political science, psychology, sociology and speech. Subjects identified as arts (GA) are art, art history, music, theatre and dance.

NOTE: A student who holds an Associate of Art or Associate of Science Degree from a UW Center is considered to have fulfilled the General Education Requirements at UW-Whitewater. The Associate of Art and Science conferred after Fall 1991 satisfies the UW-W diversity requirements as well.

Students planning to attend a University of Wisconsin Center before transferring to UW-Whitewater are encouraged to utilize the Transfer Information System (TIS) which is usually located in the UW-Center'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

U W - WHITEWATER

UNIVERSITY OF WISCONSIN - CENTERS

Transfer Course	Dept Course	UWW	GS/DIV	Cr	Footnotes
ANT 100	ANTH 892-110		S	3.0	*
ANT 102	ANTH 892-999			3.0	
ANT 105	ANTH 892-214			3.0	*
ANT 200	ANTH 892-218		S	3.0	*
ANT 204	ANTH 892-218		S	3.0	*
ANT 222	ANTH 892-999			3.0	
ANT 250	ANTH 892-334		S	3.0	
ANT 291	ANTH 892-999			3.0	*
ANT 299	ANTH 892-999			1.0	*

ANT	300	ANTH	892-999		3.0		
ANT	301	ANTH	892-999		3.0	*	
ANT	302	ANTH	892-999		3.0	*	
ANT	303	ANTH	892-999		3.0		
ANT	308	ANTH	892-999		3.0	*	
ANT	314	ANTH	892-999	Y			3.0
ANT	322	ANTH	892-999		3.0	*	
ANT	325	ANTH	892-999	S	3.0	*	
ANT	341	ANTH	892-999				4.0
ANT	343	ANTH	892-228	S	3.0	*	
ANT	350	ANTH	892-999		3.0		
ANT	351	ANTH	892-999		3.0	*	
ANT	353	ANTH	892-999	Y			3.0 *
ART	100	ART	110-121		A		3.0
ART	101	ART	110-201		A		3.0
ART	102	ART	110-202				3.0
ART	103	ART	110-999				3.0
ART	104	ART	110-201				1.0 *
ART	105	ART	110-201				2.0 *
ART	106	ART	110-202				1.0 *
ART	107	ART	110-202				2.0 *
ART	108	ART	110-999				1.0
ART	109	ART	110-999				2.0
ART	111	ART	110-102		A		3.0
ART	112	ART	110-103		A		3.0
ART	113	ART	110-999				3.0
ART	114	ART	110-103				1.0 *
ART	115	ART	110-103				2.0 *
ART	121	ART	110-321				3.0
ART	122	ART	110-999				3.0
ART	125	ART	110-999				3.0
ART	127	ART	115-999		A		3.0
ART	131	ART	110-341				3.0
ART	133	ART	110-341				1.0 *
ART	134	ART	110-341				2.0 *
ART	141	ART	110-999				3.0
ART	154	ART	110-251		A		3.0
ART	161	ART	110-311				3.0
ART	170	ART	110-999				3.0
ART	172	ART	110-999				3.0
ART	180	ART	115-111		A		3.0
ART	181	ART	115-201		A		3.0
ART	183	ART	115-202		A		3.0
ART	185	ART	115-999		A		3.0
ART	187	ART	115-999		A		3.0
ART	188	ART	115-999		A		3.0
ART	201	ART	110-303				3.0
ART	202	ART	110-303				3.0
ART	209	ART	110-303				1.0 *
ART	210	ART	110-303				2.0 *
ART	222	ART	110-999				3.0
ART	225	ART	110-999				3.0
ART	231	ART	110-342				3.0
ART	232	ART	110-343				3.0
ART	235	ART	110-342				1.0 *
ART	236	ART	110-342				2.0 *
ART	237	ART	110-343				1.0 *

ART	238	ART	110-343		2.0	*
ART	241	ART	110-999		3.0	
ART	243	ART	110-331		3.0	
ART	245	ART	110-333		3.0	
ART	247	ART	110-999		3.0	
ART	254	ART	110-352		3.0	
ART	255	ART	110-999		3.0	
ART	261	ART	110-999		3.0	
ART	272	ART	110-999		3.0	
ART	291	ART	110-999		1.0	*
ART	299	ART	110-999		1.0	*
AST	100	ASTR	805-112	L	4.0	*
AST	101	ASTR	805-999		1.0	
AST	200	ASTR	805-112	L	4.0	
AST	291	ASTR	805-999		1.0	*
BAC	101	BIOL	630-999		4.0	*
BAC	299	BIOL	630-999		1.0	*
BAC	303	BIOL	630-999		3.0	
BAC	304	BIOL	630-999		2.0	
BIO	107	BIOL	630-214	M	3.0	
BIO	109	BIOL	630-120	L	5.0	
BIO	116	BIOL	630-999		2.0	
BIO	151	BIOL	630-120	L	5.0	*
BIO	152	BIOL	630-999		5.0	*
BIO	160	BIOL	630-999		3.0	
BIO	230	BIOL	630-999		3.0	
BIO	250	BIOL	630-999		4.0	
BIO	260	BIOL	630-999		3.0	
BOT	100	BIOL	630-999		3.0	
BOT	130	BIOL	630-141	L	5.0	*
BOT	160	BIOL	630-999		3.0	
BOT	202	BIOL	630-999		3.0	
BOT	231	BIOL	630-141	L	4.0	*
BOT	240	BIOL	630-999		2.0	
BOT	291	BIOL	630-999		1.0	*
BOT	299	BIOL	630-999		1.0	*
BUS	101	B ED	220-141		2.0	*
BUS	110	B ED	220-999		2.0	*
BUS	194	B ED	220-999		2.0	
BUS	201	ACTG	210-244		4.0	
BUS	202	ACTG	210-341		4.0	
BUS	204	ACTG	210-249		3.0	
BUS	210	B ED	220-353		2.0	*
BUS	243	ECON	230-245		3.0	
BUS	278	MISC	999-999		3.0	
BUS	297	MISC	999-999		1.0	*
BUS	299	MISC	999-999		1.0	*
CHE	100	NDC	000-000		0.0	
CHE	112	CHEM	640-999		2.0	
CHE	123	CHEM	640-999		3.0	
CHE	124	CHEM	640-100	L	4.0	*
CHE	125	CHEM	640-100	L	5.0	*
CHE	145	CHEM	640-102	L	5.0	
CHE	155	CHEM	640-104	L	5.0	
CHE	203	CHEM	640-999		3.0	
CHE	211	CHEM	640-999		1.0	
CHE	214	CHEM	640-999		3.0	

CHE	244	CHEM	640-352		4.0	
CHE	290	CHEM	640-999		1.0	*
CHE	299	CHEM	640-999		1.0	*
CHE	343	CHEM	640-251		3.0	*
CHE	352	CHEM	640-261		2.0	*
CHE	363	CHEM	640-252		3.0	
COM	100	JOUR	164-251			1.0
COM	101	SPCH	166-228			3.0 *
COM	102	SPCH	166-999			1.0
COM	103	SPCH	166-110			3.0 *
COM	103	E	SPCH	166-110	Y	3.0 *
COM	104	JOUR	164-251			1.0
COM	105	JOUR	166-230			1.0
COM	106	JOUR	166-231			1.0
COM	110	JOUR	166-999			2.0 *
COM	130	THTR	133-100	A		3.0
COM	131	THTR	133-200	A		1.0
COM	150	SPCH	166-236	A		3.0
COM	160	SPCH	166-999			3.0
COM	201	SPCH	166-131	H		3.0
COM	202	JOUR	164-999			3.0
COM	203	JOUR	164-243			3.0
COM	204	JOUR	164-244			3.0
COM	220	SPCH	166-999			3.0
COM	221	SPCH	166-999			3.0
COM	230	SPCH	166-356			3.0
COM	232	THTR	133-120			3.0
COM	234	THTR	133-204			3.0
COM	266	SPCH	166-242			3.0
COM	268	SPCH	166-345			3.0
COM	298	THTR	133-999			1.0 *
COM	299	MISC	999-999			1.0 *
COM	348	THTR	133-999			3.0
COM	349	THTR	133-999			3.0
CPS	100	CPSC	765-999			1.0 *
CPS	101	CPSC	765-999			1.0
CPS	103	CPSC	765-999			1.0 *
CPS	104	CPSC	765-999			1.0 *
CPS	105	CPSC	765-999			1.0 *
CPS	106	CPSC	765-999			1.0
CPS	107	CPSC	765-999			1.0 *
CPS	108	CPSC	765-999			1.0 *
CPS	110	CPSC	765-999			3.0
CPS	110	MGNT	250-211		3.0	*
CPS	111	CPSC	765-999			3.0
CPS	111	CPSC	765-999			3.0 *
CPS	113	CPSC	765-171			3.0
CPS	113	CPSC	765-171	M		3.0 *
CPS	120	CPSC	765-999			3.0
CPS	120	CPSC	765-999			3.0 *
CPS	130	CPSC	765-999			2.0
CPS	130	MGNT	250-211		2.0	*
CPS	131	CPSC	765-999			1.0
CPS	131	CPSC	765-999			1.0 *
CPS	133	CPSC	765-171			2.0
CPS	133	CPSC	765-171	M		2.0 *
CPS	210	CPSC	765-999			3.0

CPS	210	MGNT	250-211		3.0	*	
CPS	211	CPSC	765-999				3.0
CPS	211	CPSC	765-999				3.0 *
CPS	213	CPSC	765-171				3.0
CPS	213	CPSC	765-171	M			3.0 *
CPS	231	CPSC	765-999				2.0
CPS	240	CPSC	765-999				3.0
CPS	241	CPSC	765-999				3.0
CPS	243	CPSC	765-171	M			3.0
CPS	250	CPSC	765-999				2.0 *
CPS	250	MGNT	250-211		2.0	*	
CPS	251	CPSC	765-999				2.0 *
CPS	252	CPSC	765-999				2.0 *
CPS	253	CPSC	765-171	M			2.0 *
CPS	254	CPSC	765-999				2.0 *
CPS	255	CPSC	765-999				2.0 *
CPS	256	CPSC	765-999				3.0
CPS	260	CPSC	765-999				2.0 *
CPS	270	CPSC	765-999				3.0
CPS	291	CPSC	765-999				1.0 *
CPS	299	CPSC	765-999				1.0 *
ECO	101	ECON	230-999	S			3.0 *
ECO	203	ECON	230-211	S			3.0 *
ECO	204	ECON	230-212	S			3.0 *
ECO	230	ECON	230-354				3.0 *
ECO	243	ECON	230-245				3.0
ECO	250	ECON	230-999				3.0
ECO	297	ECON	230-999				1.0 *
ECO	299	ECON	230-999				1.0 *
EDU	100	C&I	439-210E				1.0 *
EDU	200	C&I	439-210F				2.0 *
EDU	201	C&I	439-210E				3.0 *
EDU	201	C&I	439-210E				3.0 *
EDU	201	C&I	439-210F				3.0 *
EDU	201	C&I	439-210F				3.0 *
EDU	201	C&I	439-210F				3.0 *
EDU	201	C&I	439-210F				3.0 *
EDU	201	SPED	489-210E				3.0 *
EDU	201	SPED	489-210E				3.0 *
EDU	201	SPED	489-210E				3.0 *
EDU	201	SPED	489-210E				3.0 *
EDU	201	SPED	489-210F				3.0 *
EDU	201	SPED	489-210F				3.0 *
EDU	201	SPED	489-210F				3.0 *
EDU	201	SPED	489-210F				3.0 *
EDU	201	SPED	489-210F				3.0 *
EDU	201	SPED	489-210F				3.0 *
EDU	283	C&I	434-361				3.0 *
EDU	300	SPED	480-205				3.0
EDU	330	EDFD	423-212				3.0 *
EGR	100	MISC	999-999				1.0
EGR	106	MISC	999-999				3.0
ENG	095	ENGL	680-090		Y		3.0
ENG	201	ENGL	680-999				3.0 *
ENG	202	ENGL	680-999	H			3.0
ENG	203	ENGL	680-274	H			3.0
ENG	204	ENGL	680-999				3.0
ENG	206	ENGL	680-372				3.0
ENG	210	B ED	220-353				2.0 *

ENG	220	ENGL	680-999	H	3.0	
ENG	250	ENGL	680-999	H	3.0	
ENG	251	ENGL	680-999	H	3.0	
ENG	253	ENGL	680-999	H	3.0	
ENG	255	ENGL	680-999	H	3.0	
ENG	260	ENGL	680-206	H	3.0	
ENG	261	ENGL	680-216	H	3.0	
ENG	262	ENGL	680-999	H	3.0	
ENG	263	ENGL	680-999	H	3.0	
ENG	264	ENGL	680-999	H	3.0	
ENG	265	ENGL	680-999	H	3.0	
ENG	266	ENGL	680-999	H	3.0	
ENG	267	ENGL	680-999	H	3.0	
ENG	268	ENGL	680-999		3.0	
ENG	269	ENGL	680-999		3.0	
ENG	270	ENGL	680-999	H	3.0	
ENG	272	ENGL	680-999	H	3.0	
ENG	273	ENGL	680-999		3.0	
ENG	274	ENGL	680-999	H	3.0	
ENG	275	ENGL	680-999		3.0	
ENG	276	ENGL	680-999	H	3.0	
ENG	277	ENGL	680-999		3.0	
ENG	278	ENGL	680-999	Y	3.0	
ENG	279	ENGL	680-264	H	3.0	
ENG	280	ENGL	680-999	H	3.0	
ENG	290	ENGL	680-999		1.0	*
ENG	298	ENGL	680-999		3.0	
ENG	299	ENGL	680-999		1.0	*
ENG	351	ENGL	680-999	H	3.0	
ENG	353	ENGL	680-999	H	3.0	
ENG	355	ENGL	680-999		3.0	
ENG	370	ENGL	680-999	H	3.0	
ENG	380	ENGL	680-999	H	3.0	
FOR	120	BIOL	630-999		3.0	
FRE	101	FREN	682-141	H	4.0	
FRE	102	FREN	682-142	H	4.0	
FRE	103	FREN	682-141	H	2.0	*
FRE	104	FREN	682-141	H	2.0	*
FRE	105	FREN	682-142	H	4.0	
FRE	106	FREN	682-142	H	2.0	*
FRE	107	FREN	682-142	H	2.0	*
FRE	118	FREN	682-999		1.0	*
FRE	119	FREN	682-999		1.0	*
FRE	201	FREN	682-251	H	4.0	
FRE	202	FREN	682-252	H	4.0	
FRE	203	FREN	682-251	H	2.0	*
FRE	204	FREN	682-251	H	2.0	*
FRE	205	FREN	682-252	H	4.0	
FRE	206	FREN	682-252	H	2.0	*
FRE	207	FREN	682-252	H	2.0	*
FRE	215	FREN	682-999		1.0	*
FRE	216	FREN	682-999		1.0	*
FRE	219	FREN	682-999		3.0	
FRE	221	FREN	682-331		3.0	
FRE	222	FREN	682-332		3.0	*
FRE	223	FREN	682-332		3.0	*
FRE	225	FREN	682-321	H	3.0	

FRE	226	FREN	682-322	H		3.0	
FRE	276	ENGL	680-999	H		3.0	
FRE	277	ENGL	680-999			2.0	*
FRE	291	FREN	682-999			2.0	*
FRE	299	FREN	682-999			1.0	*
GEO	101	GEOG	722-111		3.0	*	
GEO	102	GEOG	722-999	Y		3.0	
GEO	104	GEOG	722-999		3.0	*	
GEO	107	GEOG	722-275		3.0	*	
GEO	110	GEOG	722-999	S	3.0	*	
GEO	115	GEOG	722-999		3.0		
GEO	120	GEOG	722-210	L	4.0	*	
GEO	121	GEOG	722-999		2.0		
GEO	123	GEOG	722-210	L	4.0	*	
GEO	124	GEOG	722-210	L	4.0	*	
GEO	125	GEOG	722-999		3.0		
GEO	130	GEOG	722-252	S	3.0	*	
GEO	200	GEOG	722-999		3.0		
GEO	277	GEOG	722-999		3.0		
GEO	291	GEOG	722-999		1.0	*	
GEO	297	GEOG	722-999		1.0	*	
GEO	299	GEOG	722-999		1.0	*	
GEO	300	GEOG	722-999		3.0	*	
GEO	324	GEOG	722-999	S	3.0	*	
GEO	341	GEOG	722-261	S	3.0	*	
GEO	342	GEOG	722-250	S	3.0	*	
GEO	347	GEOG	722-365		3.0		
GEO	348	GEOG	722-363		3.0		
GEO	349	GEOG	722-999	S	3.0	*	
GEO	350	GEOG	722-999		3.0		
GER	101	GERM	684-141	H	4.0		
GER	102	GERM	684-142	H	4.0		
GER	103	GERM	684-141	H	2.0	*	
GER	104	GERM	684-141	H	2.0	*	
GER	105	GERM	684-142	H	4.0		
GER	106	GERM	684-142	H	2.0	*	
GER	107	GERM	684-142	H	2.0	*	
GER	118	GERM	684-999		1.0	*	
GER	119	GERM	684-999		1.0	*	
GER	201	GERM	684-251	H	4.0		
GER	202	GERM	684-252	H	4.0		
GER	203	GERM	684-251	H	2.0	*	
GER	204	GERM	684-251	H	2.0	*	
GER	205	GERM	684-252	H	4.0		
GER	206	GERM	684-252	H	2.0	*	
GER	207	GERM	684-252	H	2.0	*	
GER	215	GERM	684-999		1.0	*	
GER	216	GERM	684-999		1.0	*	
GER	221	GERM	684-331		3.0	*	
GER	222	GERM	684-332		3.0		
GER	223	GERM	684-331		3.0	*	
GER	225	GERM	684-321	H	3.0		
GER	226	GERM	684-322	H	3.0		
GER	276	ENGL	680-999	H		3.0	
GER	277	ENGL	680-999			2.0	*
GER	291	GERM	684-999		2.0	*	
GER	299	GERM	684-999		1.0	*	

GLG	100	GEOL	616-999		3.0	
GLG	101	GEOL	616-100	L	4.0	*
GLG	102	GEOL	616-204	M	4.0	*
GLG	104	GEOL	616-999		3.0	*
GLG	107	GEOG	722-275		3.0	*
GLG	130	GEOL	616-999		3.0	
GLG	131	GEOL	616-999		3.0	
GLG	135	GEOL	616-999		3.0	
GLG	169	GEOL	616-999		4.0	
GLG	291	GEOL	616-999		1.0	*
GLG	297	GEOL	616-999		1.0	*
GLG	299	GEOL	616-999		1.0	*
GLG	301	GEOL	616-999		4.0	
GLG	302	GEOL	616-999		4.0	
GLG	306	GEOL	616-999		2.0	
GLG	309	GEOL	616-999		3.0	
GLG	314	GEOL	616-999		3.0	
GLG	343	GEOL	616-999		3.0	
GLG	350	GEOL	616-999		3.0	
GRA	102	MATH	760-999		3.0	
GRA	113	MATH	760-999		3.0	
HIS	101	EDU	201	740-124	H	3.0 *
HIS	102	HIST	740-125			3.0 *
HIS	105	HIST	740-154	H		3.0 *
HIS	106	HIST	740-155	H		3.0 *
HIS	111	HIST	740-999	H		3.0 *
HIS	112	HIST	740-999	H		3.0 *
HIS	114	HIST	740-999	H		3.0
HIS	115	HIST	740-999	H		3.0 *
HIS	117	HIST	740-999			3.0
HIS	118	HIST	740-999			2.0 *
HIS	119	HIST	740-999	H		3.0 *
HIS	120	HIST	740-155	H		3.0 *
HIS	123	HIST	740-999	H		3.0 *
HIS	124	HIST	740-999	H		3.0 *
HIS	126	HIST	740-999	H		2.0 *
HIS	127	HIST	740-999	H		3.0 *
HIS	150	HIST	740-999			3.0
HIS	160	HIST	740-999			3.0
HIS	161	HIST	740-999	H		3.0
HIS	162	HIST	740-999	H		3.0
HIS	183	HIST	740-999			3.0
HIS	198	HIST	740-999			2.0 *
HIS	211	HIST	740-999	H		3.0
HIS	213	HIST	740-999	H		3.0
HIS	215	HIST	740-999			3.0
HIS	216	HIST	740-381			3.0
HIS	219	HIST	740-999	H		3.0
HIS	222	HIST	740-999	H		3.0
HIS	240	HIST	740-999			3.0
HIS	254	HIST	740-999			3.0
HIS	255	HIST	740-999			3.0 *
HIS	256	HIST	740-999			1.0 *
HIS	257	HIST	740-999			3.0
HIS	259	HIST	740-999			3.0
HIS	260	HIST	740-999			3.0
HIS	270	HIST	740-999	H		3.0

HIS	273	HIST	740-999	H		3.0	
HIS	274	HIST	740-999	H		3.0	
HIS	278	HIST	740-999	H	Y	3.0	
HIS	280	HIST	740-999			3.0	
HIS	283	HIST	740-999			3.0	
HIS	285	HIST	740-306			3.0	
HIS	286	HIST	740-307	H		3.0	
HIS	288	HIST	740-999			3.0	
HIS	289	HIST	740-300	H		3.0	
HIS	290	HIST	740-311			3.0	
HIS	293	HIST	740-304	H		3.0	
HIS	297	HIST	740-999			3.0	
HIS	299	HIST	740-999			1.0	*
INT	100	MISC	999-999			1.0	*
INT	101	WNST	890-100	E	3.0		
INT	105	MISC	999-999			2.0	*
INT	210	MISC	999-999			3.0	
INT	230	MISC	999-999			3.0	
INT	231	MISC	999-999			3.0	
INT	290	MISC	999-999			1.0	*
LEA	0000	NDC	000-000			0.0	
LEC	101	MISC	999-999			1.0	
LEC	102	EDFD	422-999			1.0	*
MAT	081	NDC	000-000			0.0	
MAT	085	NDC	000-000			0.0	
MAT	086	NDC	000-000			0.0	
MAT	087	NDC	000-000			0.0	
MAT	091	MATH	760-041		0.0		
MAT	092	MATH	760-040		0.0		
MAT	093	MATH	760-040		0.0		
MAT	094	MATH	760-040		0.0		
MAT	095	MATH	760-041		0.0		
MAT	096	MATH	760-041		0.0		
MAT	097	MATH	760-041		0.0		
MAT	105	MATH	760-141		3.0	*	
MAT	110	MATH	760-141		3.0	*	
MAT	112	MATH	760-141		3.0		
MAT	113	MATH	760-999		2.0	*	
MAT	117	ECON	230-245			3.0	*
MAT	117	MATH	760-230		3.0	*	
MAT	117	PSYC	840-215			3.0	*
MAT	117	PSYC	840-215			3.0	*
MAT	117	PSYC	840-215			3.0	*
MAT	117	PSYC	840-215			3.0	*
MAT	117	PSYC	840-215			3.0	*
MAT	124	MATH	760-152	M	5.0		
MAT	130	MATH	760-111	M	4.0		
MAT	132	MATH	760-999		4.0		
MAT	140	MATH	760-140		3.0		
MAT	210	MATH	760-143	M	3.0		
MAT	211	MATH	760-250	M	4.0		
MAT	212	MATH	760-143	M	3.0		
MAT	220	MATH	760-999		1.0		
MAT	221	MATH	760-253	M	5.0		
MAT	222	MATH	760-254		5.0		
MAT	223	MATH	760-255		4.0	*	
MAT	224	MATH	760-999		4.0		

MAT	230	MATH	760-280		3.0		
MAT	240	MATH	760-231	M	3.0	*	
MAT	240	PSYC	840-215				3.0 *
MAT	240	PSYC	840-215				3.0 *
MAT	240	PSYC	840-215				3.0 *
MAT	240	PSYC	840-215				3.0 *
MAT	240	PSYC	840-215				3.0 *
MAT	262	MATH	760-355		3.0		
MAT	271	MATH	760-361		3.0		
MAT	272	MATH	760-999		1.0		
MAT	290	MATH	760-999		1.0	*	
MAT	299	MATH	760-999		1.0	*	
MEC	201	PHYS	800-280				3.0
MEC	202	PHYS	800-282				3.0
MEC	203	PHYS	800-999				3.0
MLG	100	GEOG	722-999		2.0	*	
MLS	101	LDMS	450-999		1.0		
MLS	205	LDMS	450-999		2.0		
MLS	213	HPRC	442-281				2.0 *
MLS	251	LDMS	450-999		2.0		
MLS	302	LDMS	450-999		3.0		
MLS	303	LDMS	450-999		3.0		
MUA	001	MUSC	150-999		1.0	*	
MUA	002	MUSC	150-999		1.0	*	
MUA	003	MUSC	150-999		1.0	*	
MUA	004	MUSC	150-999		1.0	*	
MUA	005	MUSC	150-999		1.0	*	
MUA	006	MUSC	150-999		1.0	*	
MUA	007	MUSC	150-999		1.0	*	
MUA	008	MUSC	150-999		1.0	*	
MUA	009	MUSC	150-999		1.0	*	
MUA	010	MUSC	150-999		1.0	*	
MUA	011	MUSC	150-999		1.0	*	
MUA	012	MUSC	150-999		1.0	*	
MUA	013	MUSC	150-999		1.0	*	
MUA	014	MUSC	150-999		1.0	*	
MUA	015	MUSC	150-999		1.0	*	
MUA	016	MUSC	150-999		1.0	*	
MUA	017	MUSC	150-999		1.0	*	
MUA	018	MUSC	150-999		1.0	*	
MUA	019	MUSC	150-999		1.0	*	
MUA	020	MUSC	150-999		1.0	*	
MUA	021	MUSC	150-999		1.0	*	
MUA	022	MUSC	150-999		1.0	*	
MUA	023	MUSC	150-999		1.0	*	
MUA	024	MUSC	150-999		1.0	*	
MUA	025	MUSC	150-999		1.0	*	
MUA	026	MUSC	150-999		1.0	*	
MUA	027	MUSC	150-999		1.0	*	
MUA	028	MUSC	150-999		1.0	*	
MUA	029	MUSC	150-999		1.0	*	
MUA	030	MUSC	150-999		1.0	*	
MUA	031	MUSC	150-999		1.0	*	
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MUA	033	MUSC	150-999		1.0	*	
MUA	034	MUSC	150-999		1.0	*	
MUA	035	MUSC	150-999		1.0	*	

MUA	036	MUSC	150-999	1.0	*
MUA	037	MUSC	150-999	1.0	*
MUA	038	MUSC	150-999	1.0	*
MUA	039	MUSC	150-999	1.0	*
MUA	040	MUSC	150-999	1.0	*
MUA	041	MUSC	150-999	1.0	*
MUA	042	MUSC	150-999	1.0	*
MUA	043	MUSC	150-999	1.0	*
MUA	044	MUSC	150-999	1.0	*
MUA	045	MUSC	150-999	1.0	*
MUA	046	MUSC	150-999	1.0	*
MUA	047	MUSC	150-999	1.0	*
MUA	048	MUSC	150-999	1.0	*
MUA	049	MUSC	150-999	1.0	*
MUA	050	MUSC	150-999	1.0	*
MUA	051	MUSC	150-999	1.0	*
MUA	052	MUSC	150-999	1.0	*
MUA	053	MUSC	150-999	1.0	*
MUA	054	MUSC	150-999	1.0	*
MUA	055	MUSC	150-999	1.0	*
MUA	056	MUSC	150-999	1.0	*
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MUA	059	MUSC	150-999	1.0	*
MUA	060	MUSC	150-999	1.0	*
MUA	061	MUSC	150-999	1.0	*
MUA	062	MUSC	150-999	1.0	*
MUA	063	MUSC	150-999	1.0	*
MUA	064	MUSC	150-999	1.0	*
MUA	065	MUSC	150-999	1.0	*
MUA	066	MUSC	150-999	1.0	*
MUA	067	MUSC	150-999	1.0	*
MUA	068	MUSC	150-999	1.0	*
MUA	069	MUSC	150-999	1.0	*
MUA	070	MUSC	150-999	1.0	*
MUA	093	MUSC	150-999	1.0	*
MUA	094	MUSC	150-999	1.0	*
MUA	103	MUSC	150-999	2.0	*
MUA	104	MUSC	150-999	2.0	*
MUA	105	MUSC	150-999	2.0	*
MUA	106	MUSC	150-999	2.0	*
MUA	109	MUSC	150-999	2.0	*
MUA	110	MUSC	150-999	2.0	*
MUA	113	MUSC	150-999	2.0	*
MUA	114	MUSC	150-999	2.0	*
MUA	116	MUSC	150-999	2.0	*
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MUA	119	MUSC	150-999	2.0	*
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MUA	123	MUSC	150-999	2.0	*
MUA	125	MUSC	150-999	2.0	*
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MUA	128	MUSC	150-999	2.0	*
MUA	129	MUSC	150-999	2.0	*
MUA	131	MUSC	150-999	2.0	*
MUA	132	MUSC	150-999	2.0	*

MUA	134	MUSC	150-999	2.0	*
MUA	135	MUSC	150-999	2.0	*
MUA	137	MUSC	150-999	2.0	*
MUA	138	MUSC	150-999	2.0	*
MUA	140	MUSC	150-999	2.0	*
MUA	141	MUSC	150-999	2.0	*
MUA	143	MUSC	150-999	2.0	*
MUA	144	MUSC	150-999	2.0	*
MUA	146	MUSC	150-999	2.0	*
MUA	147	MUSC	150-999	2.0	*
MUA	149	MUSC	150-999	2.0	*
MUA	150	MUSC	150-999	2.0	*
MUA	152	MUSC	150-999	2.0	*
MUA	153	MUSC	150-999	2.0	*
MUA	155	MUSC	150-999	2.0	*
MUA	156	MUSC	150-999	2.0	*
MUA	158	MUSC	150-999	2.0	*
MUA	159	MUSC	150-999	2.0	*
MUA	161	MUSC	150-999	2.0	*
MUA	162	MUSC	150-999	2.0	*
MUA	163	MUSC	150-999	2.0	*
MUA	164	MUSC	150-999	2.0	*
MUA	169	MUSC	150-999	2.0	*
MUA	170	MUSC	150-999	2.0	*
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MUA	204	MUSC	150-999	2.0	*
MUA	205	MUSC	150-999	2.0	*
MUA	206	MUSC	150-999	2.0	*
MUA	209	MUSC	150-999	2.0	*
MUA	210	MUSC	150-999	2.0	*
MUA	213	MUSC	150-999	2.0	*
MUA	214	MUSC	150-999	2.0	*
MUA	216	MUSC	150-999	2.0	*
MUA	217	MUSC	150-999	2.0	*
MUA	219	MUSC	150-999	2.0	*
MUA	220	MUSC	150-999	2.0	*
MUA	222	MUSC	150-999	2.0	*
MUA	223	MUSC	150-999	2.0	*
MUA	225	MUSC	150-999	2.0	*
MUA	226	MUSC	150-999	2.0	*
MUA	228	MUSC	150-999	2.0	*
MUA	229	MUSC	150-999	2.0	*
MUA	231	MUSC	150-999	2.0	*
MUA	232	MUSC	150-999	2.0	*
MUA	234	MUSC	150-999	2.0	*
MUA	235	MUSC	150-999	2.0	*
MUA	237	MUSC	150-999	2.0	*
MUA	238	MUSC	150-999	2.0	*
MUA	240	MUSC	150-999	2.0	*
MUA	241	MUSC	150-999	2.0	*
MUA	243	MUSC	150-999	2.0	*
MUA	244	MUSC	150-999	2.0	*
MUA	246	MUSC	150-999	2.0	*
MUA	247	MUSC	150-999	2.0	*
MUA	249	MUSC	150-999	2.0	*
MUA	250	MUSC	150-999	2.0	*
MUA	252	MUSC	150-999	2.0	*

MUA	253	MUSC	150-999	2.0	*	
MUA	255	MUSC	150-999	2.0	*	
MUA	256	MUSC	150-999	2.0	*	
MUA	258	MUSC	150-999	2.0	*	
MUA	259	MUSC	150-999	2.0	*	
MUA	261	MUSC	150-999	2.0	*	
MUA	262	MUSC	150-999	2.0	*	
MUA	263	MUSC	150-999	2.0	*	
MUA	264	MUSC	150-999	2.0	*	
MUA	271	MUSC	150-999	2.0	*	
MUA	272	MUSC	150-999	2.0	*	
MUA	299	MUSC	150-999	1.0	*	
MUA	305	MUSC	150-999	2.0	*	
MUA	306	MUSC	150-999	2.0	*	
MUS	070	MUSC	150-162	1.0	*	
MUS	071	MUSC	150-161	1.0	*	
MUS	072	MUSC	150-171	1.0	*	
MUS	073	MUSC	150-999	1.0	*	
MUS	074	MUSC	150-164	1.0	*	
MUS	075	MUSC	150-279	1.0	*	
MUS	076	MUSC	150-269	1.0	*	
MUS	077	MUSC	150-269	1.0	*	
MUS	078	MUSC	150-269	1.0	*	
MUS	079	MUSC	150-269	1.0	*	
MUS	107	MUSC	150-177	2.0	*	
MUS	115	MUSC	150-265	2.0	*	
MUS	121	MUSC	150-999	2.0	*	
MUS	130	MUSC	150-999	2.0	*	
MUS	131	MUSC	150-999	2.0	*	
MUS	132	MUSC	150-999	2.0	*	
MUS	136	MUSC	150-268	2.0	*	
MUS	145	MUSC	150-368	2.0	*	
MUS	147	MUSC	150-999	2.0	*	
MUS	148	MUSC	150-167	2.0	*	
MUS	154	MUSC	150-267	2.0	*	
MUS	160	MUSC	150-368	2.0	*	
MUS	170	MUSC	150-111	3.0		
MUS	171	MUSC	150-151	2.0	*	
MUS	171	MUSC	150-153	2.0	*	
MUS	172	MUSC	150-152	2.0	*	
MUS	172	MUSC	150-154	2.0	*	
MUS	173	MUSC	150-140	A	3.0	*
MUS	174	MUSC	150-140	A	3.0	*
MUS	271	MUSC	150-251	2.0	*	
MUS	271	MUSC	150-253	2.0	*	
MUS	272	MUSC	150-252	2.0	*	
MUS	272	MUSC	150-254	2.0	*	
MUS	273	MUSC	150-143	A	2.0	*
MUS	275	MUSC	150-245	3.0		
MUS	276	MUSC	150-246	3.0		
MUS	280	MUSC	150-356	2.0	*	
MUS	281	MUSC	150-356	2.0	*	
MUS	295	MUSC	150-999	1.0	*	
MUS	299	MUSC	150-999	1.0	*	
NAT	170	BIOL	630-999		1.0	
PED	001	HPRC	440-103	P	1.0	
PED	002	HPRC	440-104	P	1.0	

PED	005	HPRC	440-999	P	1.0
PED	006	HPRC	440-108	P	1.0
PED	007	HPRC	440-109	P	1.0
PED	008	HPRC	440-159	P	1.0
PED	009	HPRC	440-120	P	1.0
PED	010	HPRC	440-121	P	1.0
PED	012	HPRC	440-125	P	1.0
PED	014	HPRC	440-999	P	1.0
PED	016	HPRC	440-160	P	1.0
PED	017	HPRC	440-161	P	1.0
PED	018	HPRC	440-166	P	1.0
PED	019	HPRC	440-167	P	1.0
PED	021	HPRC	440-999	P	1.0
PED	022	HPRC	440-999	P	1.0
PED	024	HPRC	440-106	P	1.0
PED	025	HPRC	440-999	P	1.0
PED	026	HPRC	440-999	P	1.0
PED	027	HPRC	440-111	P	1.0
PED	028	HPRC	440-999	P	1.0
PED	029	HPRC	440-999	P	1.0
PED	030	HPRC	440-999	P	1.0
PED	031	HPRC	440-144	P	1.0
PED	032	HPRC	440-115	P	1.0
PED	033	HPRC	440-999	P	1.0
PED	034	HPRC	440-999	P	1.0
PED	037	HPRC	440-999		1.0
PED	038	HPRC	440-999	P	1.0
PED	039	HPRC	440-999	P	1.0
PED	040	HPRC	440-999	P	1.0
PED	041	HPRC	440-999	P	1.0
PED	042	HPRC	440-999	P	1.0
PED	043	HPRC	440-999	P	1.0
PED	044	HPRC	440-999	P	1.0
PED	046	HPRC	440-141	P	1.0
PED	047	HPRC	440-999	P	1.0
PED	048	HPRC	440-186	P	1.0
PED	055	HPRC	440-150	P	1.0
PED	056	HPRC	440-151	P	1.0
PED	058	HPRC	440-157	P	1.0
PED	061	HPRC	440-158	P	1.0
PED	099	HPRC	440-150	P	0.5
PED	101	HPRC	442-999		1.0
PED	102	HPRC	442-172		1.0
PED	104	HPRC	442-999		1.0
PED	105	HPRC	442-999		1.0
PED	106	HPRC	442-999		1.0
PED	107	HPRC	442-999		1.0
PED	108	HPRC	442-999		1.0
PED	109	HPRC	442-999		1.0
PED	110	HPRC	442-999		1.0
PED	111	HPRC	442-999		1.0
PED	112	HPRC	442-999		1.0
PED	113	HPRC	442-999		1.0
PED	114	HPRC	442-999		1.0
PED	115	HPRC	442-174		1.0
PED	116	HPRC	442-213		1.0
PED	117	HPRC	442-999		1.0

PED	118	HPRC	442-999		1.0	
PED	121	HPRC	442-999		1.0	
PED	122	HPRC	442-999		1.0	
PED	123	HPRC	442-999		1.0	
PED	124	SFTY	460-999		1.0	
PED	130	HPRC	448-999		1.0	
PED	131	HPRC	448-999		1.0	
PED	132	HPRC	448-999		1.0	
PED	133	HPRC	448-999		1.0	
PED	134	HPRC	448-999		1.0	
PED	135	HPRC	448-999		1.0	
PED	201	HPRC	442-212		2.0	
PED	202	HPRC	442-999		2.0	
PED	203	HPRC	446-999		2.0	
PED	204	HPRC	442-165		2.0	
PED	205	HPRC	448-999		2.0	
PED	206	HPRC	444-181		3.0	
PED	207	HPRC	442-172		2.0	
PED	208	HPRC	442-325		2.0	*
PED	208	HPRC	442-326		2.0	*
PED	211	HPRC	442-325		2.0	*
PED	211	HPRC	442-326		2.0	*
PED	212	HPRC	442-173		2.0	
PED	213	HPRC	442-281		2.0	*
PED	214	HPRC	442-999		2.0	
PED	215	HPRC	442-999		2.0	
PED	216	HPRC	446-999		2.0	
PED	217	HPRC	442-999		3.0	
PED	220	HPRC	442-251	P	2.0	
PED	291	HPRC	442-999		1.0	*
PED	299	HPRC	442-999		1.0	*
PHI	101	PHIL	782-241	H	3.0	
PHI	102	PHIL	782-281	H	3.0	
PHI	103	PHIL	782-999		3.0	
PHI	106	PHIL	782-999	H	3.0	
PHI	201	PHIL	782-999		3.0	
PHI	202	PHIL	782-390		3.0	
PHI	203	AMIN	856-999	Y		3.0
PHI	210	PHIL	782-251	H	3.0	*
PHI	211	PHIL	782-251	H	3.0	*
PHI	220	PHIL	782-291	H	3.0	
PHI	226	PHIL	782-999	H	3.0	
PHI	230	PHIL	782-999		3.0	
PHI	231	PHIL	782-999		3.0	
PHI	232	PHIL	782-999		3.0	
PHI	240	PHIL	782-999		3.0	
PHI	241	PHIL	782-261	H	3.0	
PHI	243	INTR	940-246	I	3.0	
PHI	244	PHIL	782-999		3.0	
PHI	248	PHIL	782-999		3.0	
PHI	253	PHIL	782-999		3.0	
PHI	258	PHIL	782-999	H	3.0	
PHI	291	PHIL	782-999		3.0	
PHI	299	PHIL	782-999		1.0	*
PHS	170	BIOL	630-360	M	3.0	
PHS	202	BIOL	630-999		4.0	*
PHS	203	BIOL	630-999		4.0	*

PHS	230	BIOL	630-999		5.0	
PHS	235	BIOL	630-999		5.0	
PHY	107	PHYS	800-130	L	4.0	*
PHY	110	PHYS	800-999		3.0	*
PHY	120	PHYS	800-130	L	4.0	*
PHY	141	PHYS	800-160	L	3.0	*
PHY	141	PHYS	800-161	L	1.0	*
PHY	142	PHYS	800-162	L	3.0	*
PHY	142	PHYS	800-163	L	1.0	*
PHY	201	PHYS	800-999		5.0	*
PHY	202	PHYS	800-999		5.0	*
PHY	205	PHYS	800-410		3.0	
PHY	211	PHYS	800-999		4.0	*
PHY	212	PHYS	800-999		4.0	*
PHY	213	PHYS	800-999		4.0	*
PHY	291	PHYS	800-999		1.0	*
PHY	299	PHYS	800-999		1.0	*
POL	101	PSCI	820-999	S	3.0	
POL	104	PSCI	820-141	S	3.0	
POL	106	PSCI	820-999		3.0	
POL	199	PSCI	820-247	S	2.0	*
POL	201	PSCI	820-999		3.0	
POL	204	PSCI	820-141	S	3.0	
POL	206	PSCI	820-999		3.0	
POL	219	PSCI	820-999		3.0	
POL	220	PSCI	820-999		3.0	
POL	221	PSCI	820-999		3.0	
POL	225	PSCI	820-344		3.0	
POL	231	PSCI	820-999		3.0	
POL	235	PSCI	820-999	Y	3.0	
POL	275	PSCI	820-351		3.0	
POL	298	PSCI	820-999		3.0	*
POL	299	PSCI	820-999		1.0	*
POL	308	PSCI	820-318		3.0	
POL	352	PSCI	820-999		3.0	
POL	385	PSCI	820-999		3.0	
PSY	201	PSYC	840-211	S	4.0	
PSY	202	PSYC	840-211	S	3.0	
PSY	203	PSYC	840-999		3.0	
PSY	205	PSYC	840-104	S	3.0	
PSY	208	PSYC	840-202	S	3.0	
PSY	210	ECON	230-245		3.0	*
PSY	210	PSYC	840-215		3.0	*
PSY	224	PSYC	840-999		1.0	
PSY	225	PSYC	840-315		5.0	
PSY	250	PSYC	840-999		3.0	
PSY	254	PSYC	840-301		3.0	
PSY	270	PSYC	840-999	Y	3.0	
PSY	299	PSYC	840-999		1.0	*
PSY	307	PSYC	840-304		3.0	
PSY	309	PSYC	840-345		3.0	
PSY	311	PSYC	840-999		1.0	*
PSY	330	PSYC	840-355		3.0	
PSY	360	EDFD	423-222		3.0	*
PSY	360	PSYC	840-331		3.0	*
PSY	361	PSYC	840-332		3.0	
PSY	362	PSYC	840-999		3.0	

SOC	101	SOC	880-140			3.0	
SOC	120	SOC	880-252	S		3.0	
SOC	125	SOC	880-999	S		3.0	
SOC	130	SOC	880-250	S		3.0	
SOC	131	SOC	880-999	S		3.0	
SOC	134	SOC	880-265	S	Y	3.0	
SOC	138	SOC	880-999			3.0	
SOC	160	SOC	880-999			3.0	
SOC	170	SOC	880-999			3.0	
SOC	246	SOC	880-999			3.0	
SOC	250	SOC	880-999			3.0	
SOC	291	SOC	880-999			1.0	*
SOC	293	SOC	880-999			1.0	*
SOC	299	SOC	880-999			1.0	*
SOC	335	SOC	880-355			3.0	
SOC	357	SOC	880-999			3.0	
SPA	101	SPAN	686-141	H		4.0	
SPA	102	SPAN	686-142	H		4.0	
SPA	103	SPAN	686-141	H		2.0	*
SPA	104	SPAN	686-141	H		2.0	*
SPA	105	SPAN	686-142	H		4.0	
SPA	106	SPAN	686-142	H		2.0	*
SPA	107	SPAN	686-142	H		2.0	*
SPA	118	SPAN	686-999			1.0	*
SPA	119	SPAN	686-999			1.0	*
SPA	201	SPAN	686-251	H		4.0	
SPA	202	SPAN	686-252	H		4.0	
SPA	203	SPAN	686-251	H		2.0	*
SPA	204	SPAN	686-251	H		2.0	*
SPA	205	SPAN	686-252	H		4.0	
SPA	206	SPAN	686-252	H		2.0	*
SPA	207	SPAN	686-252	H		2.0	*
SPA	215	SPAN	686-999			1.0	*
SPA	216	SPAN	686-999			1.0	*
SPA	219	SPAN	686-999			3.0	
SPA	221	SPAN	686-332			3.0	
SPA	222	SPAN	686-999			3.0	
SPA	225	SPAN	686-321	H		3.0	
SPA	226	SPAN	686-322	H		3.0	
SPA	235	MISC	999-999	H		1.0	*
SPA	236	MISC	999-999	H		3.0	*
SPA	237	CHCN	615-201	E	Y	3.0	*
SPA	277	ENGL	680-999			2.0	*
SPA	291	SPAN	686-999			2.0	*
SPA	299	SPAN	686-999			1.0	*
WIL	140	BIOL	630-999			3.0	
WOM	101	WNST	890-100	E		3.0	
WOM	138	WNST	890-999			3.0	
WOM	202	PHIL	782-390			3.0	
WOM	208	WNST	890-999			3.0	
WOM	231	WNST	890-999			3.0	
WOM	250	WNST	890-999			3.0	
WOM	291	WNST	890-999			1.0	*
WOM	299	WNST	890-999			1.0	*
ZOO	101	BIOL	630-142	L		5.0	*
ZOO	103	BIOL	630-214	M		3.0	
ZOO	105	BIOL	630-999			3.0	

ZOO 140	BIOL	630-999		3.0
ZOO 155	BIOL	630-230	M	3.0
ZOO 170	BIOL	630-360	M	3.0
ZOO 234	BIOL	630-999		3.0
ZOO 237	BIOL	630-999		4.0
ZOO 277	BIOL	630-999		3.0
ZOO 291	BIOL	630-999		1.0 *
ZOO 299	BIOL	630-999		1.0 *
ZOO 315	BIOL	630-999		2.0
ZOO 316	BIOL	630-999		2.0
ZOO 350	BIOL	630-999		3.0

* Please contact the Office of Admissions for more detailed information regarding the transferability of this course

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LOIS J. SMITH (1987), Associate 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.

SHARON M. SMITH (1993), Lecturer of Curriculum and Instruction, B.S., M.E.P.D., University of Wisconsin-Whitewater.

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), Assistant 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.

DALE F. STEHNO (1964), Professor of Counselor Education, B.S., M.S., Oklahoma State University; Ed.D., University of Wyoming.

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.

JOHN F. STONE (1990), Associate Professor of Communication, B.A., Gustavus Adolphus College, St. Peter, MN; M.A., Ph.D., University of Minnesota-Minneapolis.

NEIL H. STONE (1967), Assistant Professor of Physics, B.S., B.Ed., University of Wisconsin-Whitewater; M.S., University of Wisconsin-Milwaukee.

LINDA L. STONEALL (1994), Lecturer of Sociology, B.A., Lawrence University; M.A., Northern Illinois University-DeKalb; Ph.D., Michigan State University.

KELLY M. STRAIT (1993), Coordinator of Student Retention Program, B.S., University of Wisconsin-Stevens Point.

JOHN G. SULLIVAN (1989), Lecturer of Finance and Business Law, B.A., University of Wisconsin-Stevens Point; M.B.A., University of Wisconsin-Whitewater.

ATLEE G. SVANOE (1972), Lecturer of Management, B.A., M.B.A., University of Wisconsin-Whitewater.

JEROME P. TANGUAY (1982), Lecturer of Mathematics and Computer Science, B.A., Western Michigan University; M.S.T., University of Wisconsin-Whitewater.

RICHARD J. TELFER (1985), Professor of Curriculum & Instruction, B.S., M.A., Central Michigan University; 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.

LINDA H. THREADGILL (1979), Professor of Art, B.F.A., University of Georgia; M.F.A., Tyler School of Art-Temple University.

SHARON W. TIFFANY (1972), Professor of Anthropology, A.B., M.A., Ph.D., University of California-Los Angeles.

WALTER W. TIFFANY (1971), Professor of Anthropology, A.B., Stanford University; M.A. (Psychology), M.A. (Anthropology), Ph.D., University of California-Los Angeles.

NANCY E. TODD (1968), Instructor of Curriculum & Instruction, B.E., M.Ed., National College of Education, Evanston, IL.

SUSAN C. TOMS-BRONOWSKI (1989), Assistant 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.

HASSIMI TRAORE (1994), Lecturer of Chemistry, B.S., M.A., University of Ouagedougou, West Africa; M.A., University of Iowa, Iowa City.

DAVID J. TRAVIS (1994), Assistant Professor of Geography, B.S., M.S., University of Georgia; Ph.D., Indiana University, Bloomington, IN.

JACK W. TRAVIS (1968), Professor of Geology, B.S., M.S., West Virginia University; Ph.D., Michigan State University.

R. WILFRED TREMBLAY (1992), Lecturer of Communication and Director of WSUW Radio, B.S., Arkansas State University; M.S., Boston University; Ed.D., University of Pittsburgh, PA.

DENNIS C. TRUDELL (1985), Assistant Professor of Modern Languages and Literatures, B.A., Denison University; M.A., M.F.A., University of Iowa.

ANTHONY L. TRUOG (1968), Assistant 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.

LOUIS J. UEHLING (1965), Assistant Professor of Modern Languages and Literatures, B.A., M.A., University of Wisconsin-Madison.

LANCE E. URVEN (1991), Assistant 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 Race and Ethnic Cultures and Political Science, B.A., California State College, Los Angeles, CA; M.A., Ph.D., University of Washington, Seattle, WA.

GREGORY A. VALDE (1992), Assistant Professor of Educational Foundations, B.A., St. Olaf College; M.S., Ph.D., University of Wisconsin-Madison.

JAMES A. VAN DE BOGART (1968), Associate Professor of Finance and Business Law, B.S., J.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.

RAJA P. VELU (1984), Professor of Marketing, B.S.C., University of Madras, India; M.S., Indian Statistical Institute, India; Ph.D., University of Wisconsin-Madison.

KRISHNANAND VERMA (1989), Professor of Mathematics and Computer Science, B.S., B.A., M.S., M.A., M.A., Ph.D., University of Bihar, Muzafferpur, Bihar, India.

STEPHEN A. VINCENT (1994), Assistant 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.

DONALD J. VOELLER (1966), Associate Professor of Geography, A.S., North Dakota School of Forestry; B.S., University of Idaho; M.A., University of Oklahoma; Ph.D., University of Illinois.

NICHOLAS W. VOLLENDORF (1994), Lecturer of Chemistry, B.S., University of New Mexico; Ph.D., University of Wisconsin-Madison.

DENNIS B. WADSWORTH (1975), Assistant Professor of Music, B.A., State College of Iowa; M.M., Ph.D., Northwestern University.

DARYLE A. WAECHTER-BRULLA (1990), Assistant Professor of Biological Sciences, B.S., Illinois State University-Normal; M.S., Ph.D., University of Illinois at Urbana-Champaign.

RICHARD J. WAGNER (1990), Associate Professor of Management, B.S., Union

College, Schenectady, NY; M.B.A., Gonzaga University, Spokane, WA; Ph.D., Indiana University-Bloomington.

ANN M. WALLER (1989), Lecturer of Marketing, B.B.A., M.B.A., University of Wisconsin-Madison.

MEG A. WARACZYNSKI (1992), Assistant Professor of Psychology, B.A., University of Wisconsin-Milwaukee; Ph.D., Harvard University-Cambridge.

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), Arthur Andersen Professor of Accounting and Professor of Accounting, B.B.A., Ph.D., University of Wisconsin-Madison.

JOHN C. WEBB (1991), Assistant Professor of Music, B.M., M.M.E., North Texas State University, Denton, TX.; Ph.D., University of North Colorado.

ELSA K. WEBER (1992), Assistant Professor of Educational Foundations, B.A., Elmhurst College; M.A.T., Roosevelt University-Chicago; Ph.D., University of Illinois-Chicago.

CAROLYN E. WEDIN (1966), Professor of Modern Languages and Literatures, B.A., Gustavus Adolphus College; M.A., University of Kansas; Ph.D., University of Wisconsin-Madison.

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.

JAMES M. WENKLE (1967), Professor of Art; B.F.A., Kansas City Art Institute; M.F.A., University of Kansas.

LAUREN E. WENTZ (1991), Assistant Professor of Biological Sciences, B.S., M.S., University of Akron, Ohio; Ph.D., Ohio State University-Columbus.

GERALD A. WESTON (1968), Professor of Economics, B.A., M.A., University of Michigan; Ph.D., Washington State University.

MARY A. WHAM (1992), Assistant Professor of Curriculum & Instruction, B.S., University of Illinois-Champaign; M.S., Ed.D., Northern Illinois University-DeKalb.

RUTH S. WHITMORE (1992), Lecturer of Developmental Education, B.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), Associate 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.

ROBERT L. WILLIS (1994), Lecturer of Communication, B.A., University of Oklahoma, Norman, OK; M.A., Ball State University.

ALLA L. WILSON (1992), Lecturer in Management, B.S., Illinois College of Optometry-Chicago; M.B.A., University of Wisconsin-Milwaukee.

JAMES P. WINSHIP (1981), Associate Professor of Social Work, B.A., Davidson College, North Carolina; M.S.W., D.P.A., University of Georgia.

JEROME W. WITHERILL (1973), Professor of Safety Studies, B.S., M.A., Ph.D., Michigan State University.

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), Instructor of Social Work, B.A., Radcliffe College, Cambridge, MA; M.S.S.W., University of Wisconsin-Madison.

CRAIG G. WUCIVIC (1983), Lecturer of Safety Studies, B.S., M.S., University of Wisconsin-Whitewater

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.

ROSEANN C. YOUNG (1987), Lecturer of Communication, B.A., Mount Mary College, Milwaukee, WI; M.S., University of Wisconsin-Whitewater.

LOWELL V. YOUNGS (1968), Professor of Music, B.M., University of Colorado; M.M., D.M.A., Catholic University of America.

AURELIO YVARRA (1978), Professor of Curriculum & Instruction, B.A., California State College-Los Angeles; M.A., Ph.D., Claremont Graduate School.

ABDULLAH ZARINNIA (1967), Professor of Economics, Licentiate, Tehran University; M.S., Ph.D., University of Nebraska.

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.

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)
Peter R. Barry; History (1994)
John V. Battram; Head of Audiovisual Resources (1990)
Brian K. Beck, Modern Languages and Literatures (1995)
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; Educational Foundations and Counselor
Education (1989)
Germaine M. Blaskey; Curriculum and Instruction (1989)
Robert W. Boeck; Marketing (1990)
Thomas E. Bolduc; Psychology (1991)
Glenn Bowen; Finance and Business Law (1980)
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)
William Chevrette; Communication (1993)
Alberta E. Christen; Mathematics (1976)
Charlotte A. Christner; Psychology (1992)
M. Corinne Clark; Associate Dean College of Education and Professor of
Health, Physical Education and Recreation (1986)
Regis J. Clougherty; Management (1989)
Myn T. Coe; Librarian, Roseman School (1966)
Keith L. Collins; Director of Certification, Records, Admissions to
Professional Education and Human Relations and Associate Professor
of Curriculum and Instruction (1990)
James W. Colmey; Assistant Chancellor for Administrative Services (1989)
James R. Connor; Chancellor Emeritus and Professor, History (1991)
E. LaVonne Coppenbarger; Music (1993)
Roger D. Coppenbarger; Music (1995)
Frances M. Culbertson; Psychology (1988)
John A. Cummings; Biology (1990)
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)
C. W. Dowse; Physics (1983)
Clayton A. Drouillard; Mathematics and Computer Science (1990)
Dorothy Remp Elmer; Elementary Education (1984)

Richard C. Farrell; Management (1992)
Jean Ferguson; Elementary Education (1970)
Frank Ferriano; Music (1991)
Howard G. Field; Curriculum & Instruction (1992)
Lois M. Field; Learning Resources (1990)
Carroll Flanagan; Mathematics (1982)
Edwin L. Foot; Music (1990)
Cora M. Forbush; Associate Dean, Continuing Education (1988)
Corinne E. Forster; Secondary Education (1984)
Rex D. Foster; Mathematics and Computer Science (1985)
Everett P. Fulton; Philosophy and Religious Studies (1989)
John M. Gibbens; Economics (1993)
Beverly L. Good; Educational Foundations and Counselor Education (1988)
David G. Goodman; Business Education and Office
Administration (1986)
George H. Gray; Executive Director of Budget, Planning & Analysis
and Professor of Business Education and Office Administration (1993)
Alyce M. Greene; Health, Physical Education and Recreation (1976)
Jay M. Greene; Accounting (1976)
Josephine Greer; English (1981)
William Greer; Sociology (1981)
Edna P. Grinstead; Business Education and Office Administration (1981)
Thomas S. Grotelueschen; Curriculum and Instruction (1995)
George B. Hafer; Communication (1995)
Kenneth Hammer; Economics (1983)
Maxine M. Hansen; Elementary Education (1983)
Norman Harris; English (1981)
Roger W. Helming; Associate Director of Career Planning and Placement
Services and Associate Professor of Curriculum and Instruction (1990)
Robert L. Hendrickson; Student Counseling Center and Educational
Foundations and Counselor Education (1985)
Marvin Hersko; Psychology (1989)
Pernell H. Hewing; Business Education and Office Administration (1992)
Fannie E. Hicklin; Associate Dean of Faculties and Professor of
Theatre (1988)
Irene E. Hill; Curriculum and Instruction (1994)
Noel N. Hjelmhaug; Physics (1995)
Mary J. Hoffmeister; Business Education and Office Systems (1995)
John R. Hunter; Music (1989)
Ernella S. Hunziker; Art Education (1990)
Robert L. Jennings; Music (1992)
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)
Dennis W. Kehoe; Foreign Languages (1994)
Richard D. Kelley; Psychology (1994)
Bernice M. Kelly; English (1992)
Charles R. King; Curriculum and Instruction (1989)
Reuben Klumb; Educational Foundations (1980)
Alfred S. Kolmos; Educational Foundations and Counselor
Education (1986)
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)
Paul W. Lauritzen; Special Education (1994)

Lars E. Larson; Management (1995)
Donald G. Leeseberg; Marketing (1983)
Ralph E. Lehman; Physics (1987)
George Lehner; Registrar (1980)
Robert G. Lewis; Modern Languages and Literatures (1995)
Herbert J. Lundin; Interim Associate Dean of Faculties and Coordinator
of Curriculum Matters and Professor of Geography (1990)
Squire G. Luttrell; Learning Resources (1987)
Lois A. Lyons; Library and Learning Resources (1992)
Arthur L. Madson; English (1988)
Don L. Manley; Physics (1990)
Merlin J. Manley; Educational Foundations (1993)
Norman D. Martin; Learning Resources (1995)
Rodney A. Marquardt; Associate Dean of University Center (1990)
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)
Thomas S. McLeRoy; Business Education and Office Systems (1994)
Norman R. Meeker; Associate Director of Admissions (1990)
Douglas L. Meikle; History (1987)
Mary T. Meikle; Health, Physical Education and Recreation (1989)
Edward P. Michalewicz; Safety Studies (1994)
Mary B. Mills; Director, Information Services (1978)
Ruth Miner-Kessel; Political Science (1985)

Patrick E. Monahan; Educational Foundations and Counselor
Education (1990)
Russell Moratz; Learning Resources (1980)
Charles E. Morpew; Geography (1983)
Margaret H. Mueller; Elementary Education (1975)
Georgianne Myers; Library and Learning Resources (1985)
Rudolph M. Najar; Associate Dean of College of Letters and Sciences and
Professor of Mathematics and Computer Science (1990)
Reginald G. Nash; Biological Sciences (1995)
John E. Nichols; Communication (1994)
Ruth Ross Nicholson; Student Affairs (1983)
Charles A. North; Biological Sciences (1994)
Kenneth A. Otting; Curriculum and Instruction (1993)
J. Fred Overman; Special Education and Elementary Education (1983)
John Overton; Accounting (1983)
Gordon E. Parks; History (1991)
W. George Patten; Continuing Education (1994)
J. Reid Patterson; Physics (1988)
Anthony L. Pavlick; Economics (1988)
Robert Y. Perinchief; Music (1990)
Forrest W. Perkins; Coaching (1986)
Margot Peters; English (1991)
Gladys Petersen; Elementary Education (1982)
Heinz Pfaeffle; Special Education (1983)
Edward Pfau; Educational Foundations (1977)
Lynton M. Piatt; Psychology (1991)
George Pulsford; Accounting (1983)
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)
Roy P. Roberson; Finance and Business Law (1991)
Audrey J. Roberts; English (1993)
Dennis K. Rohrs; Music (1990)
Kirk J. Romary; Chemistry (1995)
Don S. Ross; Philosophy and Religious Studies (1994)
Marvin Ross; Health, Physical Education and Recreation (1989)
Margaret A. Roxby; Curriculum and Instruction (1990)
David Saunders; English (1983)
I. W. Schaffer; Educational Foundations and Counselor Education (1982)
Robert F. Schissel; Educational Foundations & Counselor Education (1988)
Karl W. Schlender; Health, Physical Education, Recreation and
Coaching (1994)
Rolland P. Schlieve; Educational Foundations and Counselor
Education (1986)
Dorothy M. Schlimm-Sand; Curriculum and Instruction (1992)
James S. Schlough; Biological Sciences (1995)
Alice J. Schoof; Psychology (1992)
Jack F. Schoof; Art (1991)
Bruce E. Schroeder; Associate Registrar (1995)
Vernon A. Schumacher; Curriculum and Instruction (1991)
George H. Seeburger; Biology (1992)
Aeilt E. Sents; History (1986)
Carl W. Shinnars; Physics (1992)
William F. Siebers; Music (1988)
S. Galen Smith; Biology (1991)
Brunhilde W. Sommer; Educational Foundations and Counselor
Education (1986)
Ralph H. Song; Psychology (1992)
Edna C. Sorber; Communication (1981)
Richard C. Steinmetz; Sociology (1975)
Luther R. Stonecipher; Physics (1986)
Lewis W. Stoneking; Curriculum and Instruction (1992)
Robert C. Sweet; Sociology (1989)
Max F. Taylor; Art (1995)
Edwin E. Thele; College of Business Assistant Dean (1991)
Warren S. Theune; College of Education Assistant Dean (1986)
Norman Thies; Secondary Education and Business Education
and Office Administration (1983)
Vlad I. Thomas; English (1990)
Dorothy M. Tiede; Assistant to the Chancellor and Professor of Special
Education (1990)
James E. Toennies; Health, Physical Education, Recreation &
Coaching (1993)
James R. Trier; Mathematics and Computer Science (1994)
Robert J. Ulrich; Educational Foundations and Counselor Education (1986)
M. Hope Underwood; Educational Foundations and Counselor Education (1990)
Robert M. Underwood; Geography (1986)
Kathryn E. Utz; English (1978)
Martha Van Steenderen; Health, Physical Education and Recreation (1990)
Leonard J. Varah; Curriculum and Instruction (1992)
Charles B. Varney; Geography (1985)
Bernard Verrill; Psychology (1990)
Kathryn E. Vonderau; HPER (1988)
Thomas W. Waltermann; Associate Vice Chancellor (1995)
Ronald R. Wangarin; Health, Physical Education, Recreation
and Coaching (1995)

C. Marie Ward; Accounting (1995)
D. June Ward; Biology (1990)
Robert K. Webb; Music (1989)
Robert Weigandt; Continuing Education and Health, Physical
Education and Recreation (1980)
Mary (Bross) Weinlein; Special Education (1993)
Richard Westphal; Management (1990)
Everett White; Associate Dean, College of 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 (1980)
Walker D. Wyman; President Emeritus (1978)
James S. Young; Biology (1990)
Karl G. Zahn; Curriculum and Instruction (1990)
Wallace E. Zastrow; University Relations (1985)
Norbert J. Zelten; Accounting (1989)

EXCELLENCE IN TEACHING AWARDS

1995 Arno Kleimenhagen, Marketing
1994 Richard Jentoft, Communicative Disorders
1993 Jerome W. Witherill, Safety Studies
1992 Clifford W. O'Beirne, Psychology
1991 John F. Kozlowicz, Political Science
1990 Robert N. Burrows, English
1989 Gordon O. Hedahl, Theatre/Dance
1988 Edward J. Drexler, Chemistry
1987 Charles H. Zastrow, Social Work
1986 Karen K. Kirst-Ashman, Women's Studies
1985 Frederic L. Sederholm, Theatre/Dance
1984 Bennette Harris, Mathematics & Computer Science
1983 I-Ning Huang, Psychology
1982 Jack Cummings, Biology
1981 Ike Schaffer, Educational Foundations
1980 John Montague, Art
1979 Karen Boubel, Music
1978 David Saunders, English
1977 Lowell Youngs, Music
1976 Larry Davis, Mathematics
1975 Jerome Laurent, Economics
1974 Margaret Mueller, Elementary Education
1973 Robert Perinchief, Music
1972 Mary Margaret Hosler, Business Education & Office
Administration
1971 Herbert Lundin, Geography/Geology
1970 Fannie Hicklin, Theatre/Dance
1969 Henry Meyer, Biology
1968 Raymond Light, Music
1967 Lloyd Liedtke, Elementary Education
1966 No Award
1965 Rudolph Prucha, Physics

OUTSTANDING RECENT ALUMNI

Cited in 1971 Carol A. (Becker) Cartwright, 62

- O. David Sherwood, 61
- 1972 Michael R. Wunsch, 63
- 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
 - Linda Kurth, 75, 78
 - Nancy Nelson, 70
 - Louise (Hermsen) Schneff, 76
- 1980 William Nantell, 71
 - Jeanne Pepper, 69
- 1981 Ron Binning, 70
 - David Denemark, 74
 - Kristin Koeffler, 77
 - Kathryn Linch, 77
- 1982 Frank Burns, 76
 - Mark Fiebrink, 73
 - Victorio (Sykes) Loudon, 74, 78
 - Sally Ann Schwartz, 78, 79
- 1983 Michael Duschene, 75, 81
 - Jeanine Raffini Fassl, 74, 80
 - Kwame Salter, 68
 - Daniel Wilson, 72
- 1984 William Malleris, 78
 - Randall Radtke, 73
 - Donna Faye Crass Sefton, 74
 - 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
 Richard A. Leske 83
 1994 Carolyn (Theune) Brady 80
 Kurt Krinke 83
 Michael J. Ross 81
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