

ABOUT THE CAMPUS

ACADEMIC ACCREDITATIONS

THE ASSOCIATION TO ADVANCE COLLEGIATE SCHOOLS OF BUSINESS INTERNATIONAL

AMERICAN CHEMICAL SOCIETY

AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION

COUNCIL FOR THE ACCREDITATION OF COUNSELING AND RELATED EDUCATIONAL PROGRAMS

COUNCIL ON SOCIAL WORK EDUCATION
(UNDERGRADUATE)

NATIONAL ASSOCIATION OF SCHOOL PSYCHOLOGISTS

NATIONAL ASSOCIATION OF SCHOOLS OF ART AND DESIGN

NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC

NATIONAL ASSOCIATION OF SCHOOLS OF THEATRE

NATIONAL COUNCIL FOR THE ACCREDITATION OF TEACHER EDUCATION

THE HIGHER LEARNING COMMISSION OF THE NORTH CENTRAL ASSOCIATION OF COLLEGES AND SCHOOLS

RULES AND POLICIES STATEMENT

The information contained in this publication is based upon current regulations and policies of the University of Wisconsin-Whitewater as of January 1, 2010.

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

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

The University of Wisconsin-Whitewater is committed to equal opportunity in its educational programs, activities and employment policies for all persons regardless of race, color, gender, creed, religion, age, ancestry, national origin, disability, sexual orientation, political affiliation, marital status, Vietnam-era veteran status, parental status and pregnancy. Refer inquiries to the Diversity and Equal Opportunity Compliance Office, University of Wisconsin-Whitewater, Whitewater, WI 53190.

Academic Advising & Roseman Bldg 2054

UW-WHITEWATER

800 West Main Street
Whitewater, WI 53190

INFORMATIVE CONTACTS

CONCERNING	ADDRESS/TELEPHONE	CONCERNING	ADDRESS/TELEPHONE
Academic Advising & Exploration Center	Roseman Bldg 2054 (262) 472-5220 advising@uww.edu uww.edu/advising/aacc	Summer School Information	Roseman 2013 (262) 472-1100 contined@uww.edu uww.edu/conteduc/summer/
Office of Probationary & Reinstated Students	(262) 472-1908 weaverl@uww.edu uww.edu/academicstandards/probationary	Workshops, Camps and Conferences	Continuing Education Roseman 2005 (262) 472-3165 cesevents@uww.edu uww.edu/conteduc/camps/
Academic Standards	(262) 472-3333 academicstand@uww.edu uww.edu/academicstandards	Center for Students with Disabilities	Andersen Library 2002 (262) 472-4711 dss@uww.edu uww.edu/csd/
Undergraduate Admissions Office	Roseman Bldg 2060 (262) 472-1440 uwwadmit@uww.edu uww.edu/admissions/	Distance Education	Andersen Library 1002 (262) 472-1004 lrc@uww.edu uww.edu/icit/instructional/de/
Alumni Information	University Relations Alumni Center (262) 472-1105 alumni@uww.edu uww.edu/alumni	Financial Aid	Hyer 130 (262) 472-1130 uwwfao@uww.edu uww.edu/financialaid/
Athletic Director	Williams Center 112A (262) 472-4661 athletics@uww.edu uwwsports.com	Graduate School	Roseman 2015 (262) 472-1006 gradschl@uww.edu uww.edu/gradstudies/
Campus Directory	University Center Information Desk (262) 472-1234 uc.uww.edu/	Health & Counseling Service	Health Center 1003 (262) 472-1300 uww.edu/uwcs/
Center for Global Education	Hyland Hall 1227 (262) 472-5759 international@uww.edu uww.edu/international/	Honors Program	Andersen 2111 (262) 472-1268 honors@uww.edu uww.edu/honors/
Career & Leadership Development	University Center 146 (262) 472-1471 uww.edu/career	Parking Information	Visitor's Center (262) 472-1011 parking@uww.edu uww.edu/adminaffairs/parking/
College of Arts & Communication	Center of The Arts 2001 (262) 472-1221 artscom@uww.edu uww.edu/cac/	Registrar's Office (Registration)	Roseman Bldg 2032 (262) 472-1570 registrar@uww.edu uww.edu/registrar/ uww.edu/registrar/vets/
College of Business & Economics	Hyland Hall 4300 (262) 472-1343 busecon@uww.edu uww.edu/cobe/	Veterans' Information	Goodhue Hall 200 (262) 472-4200 reslife@uww.edu reslife.uww.edu/
College of Education	Winther Hall 2030 (262) 472-1101 education@uww.edu uww.edu/coe/	Residence Life	Winther Hall Info Desk (262) 472-1184 education@uww.edu uww.edu/coe/advising/licensure/
College of Letters & Sciences	White Hall 107 (262) 472-1621 uww.edu/cls	Teacher Licensing	Testing Office
Continuing Education Credit Outreach	Roseman 2013 (262) 472-1100 contined@uww.edu uww.edu/conteduc/credit/	Tickets for Athletic and Performing Arts Program	Roseman Bldg 2003 (262) 472-5613 testing@uww.edu uww.edu/testing
Non-Credit Events	Roseman 2005 (262) 472-3165 cesevents@uww.edu uww.edu/conteduc/camps/	University Learning Communities	Center of the Arts 1014 (262) 472-2222 uc.uww.edu/services/tickets
			Roseman Bldg 2009 (262) 472-1262 learncommunities@uww.edu

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CHANCELLOR'S MESSAGE

(Being prepared by Photo Graphics)

MISSION STATEMENT

University of Wisconsin System

The mission of the system 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 purpose. Inherent in this broad mission are methods of instruction, research, extended training, and public service designed to educate people and improve the human condition. Basic to every purpose of the system is the search for truth.

The Core Mission of the University Cluster Institutions

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

- a) Offer associate and baccalaureate degree level and selected graduate programs within the context of its approved mission statement.
- b) Offer an environment that emphasizes teaching excellence and meets the educational and personal needs of students through effective teaching, academic advising, counseling and through university-sponsored cultural, recreational and extra-curricular programs.
- c) Offer a core of liberal studies that supports university degrees in the arts, letters, and sciences, as well as specialized professional/technical degrees at the associate and baccalaureate level.
- d) Offer a program of pre-professional curricular offerings consistent with the university's mission.
- e) Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs, and its approved mission statement.
- f) Promote the integration of the extension function, assist the University of Wisconsin-Extension in meeting its responsibility for statewide coordination, and encourage faculty and staff participation in outreach activity.
- g) Participate in interinstitutional relationships in order to maximize educational opportunity for the people of the state effectively and efficiently through the sharing of resources.
- h) Serve the needs of women, minority, disadvantaged, disabled, and non-traditional students and seek racial and ethnic diversification of the student body and the professional faculty and staff.
- i) Support activities designed to promote the economic development of the state.

University of Wisconsin-Whitewater Values

The following values lie at the heart of UW-Whitewater

1. Commitment to the pursuit of knowledge and understanding
2. Development of the individual
3. Personal and professional integrity
4. Commitment to serve
5. Commitment to develop a sense of community, respect for diversity, and global perspectives

Select Mission of the University of Wisconsin-Whitewater

The University of Wisconsin-Whitewater is committed to the development of the individual, the growth of personal and professional integrity and respect for diversity and global perspectives. These are met by providing academic and co-curricular programs that emphasize the pursuit of knowledge and understanding and a commitment to service within a safe and secure environment.

The mission of the University of Wisconsin-Whitewater is:

1. To provide a 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. To offer graduate education built clearly upon its undergraduate emphases and strengths with particular emphasis in the fields of business, education, communication, and human services.
3. To engage in scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its graduate programs, and its select mission.
4. To create and maintain a positive and inviting environment for multicultural students, students with disabilities, and nontraditional students, and provide support services and programs for them.
5. To serve as a regional cultural and economic resource center through its service initiatives.
6. To provide continuing education and outreach programs as integrated institutional activities.
7. To provide a variety of co-curricular activities to enhance out-of-class learning opportunities.
8. To encourage and maintain a high level of personal and professional integrity in all University life and activities.-

POLICIES & PROCEDURES

(Title Page)

WELCOME TO UW-WHITewater

TRADITION OF EXCELLENCE IN EDUCATION

Founded in 1868, the University of Wisconsin-Whitewater is known for academic excellence in a setting of high-quality, career-oriented undergraduate and graduate programs. The campus enrolls more than 11,600 students in its 48 undergraduate and 11 master's degrees and one specialist degree program. As the fourth largest campus in the UW System, UW-Whitewater had an annual operating budget of more than \$191 million in 2010-11 and serves as a regional center for cultural and athletic activities.

The university has earned a national reputation for innovative programs and facilities, with a number of academic programs ranked among the best in the nation. The *Princeton Review* has named the College of Business and Economics one of the "Best Business Schools." The Online MBA program is the largest accredited program in Wisconsin and is considered one of the top-25 best buys for distance learning MBA degrees by GetEducated.com. Many of the College's 28 student professional organizations are ranked among the top in the nation, including the American Marketing Association and the Collegiate Entrepreneurs Organization. The College of Education and Professional Studies provides the most new teachers to the state of Wisconsin.

The 1,286 members of the faculty, staff and administration are committed to providing practical experiences that enhance learning. UW-Whitewater faculty and staff strive to extend personal attention to all students, providing a concerned academic environment that is responsive to individual needs.

UW-Whitewater students enjoy a wide range of opportunities. The university has an academically ambitious honors program and a wide array of undergraduate research programs. International study-abroad opportunities are available in more than a dozen countries, including Australia, England, France, Germany, Ireland, Japan, Mexico, and Sweden. There are more than 190 student organizations to get involved with on campus.

The university serves as a regional destination point for patrons of the arts, with venues such as the Young Auditorium, Light Recital Hall, Hicklin Studio Theatre and Crossman Gallery attracting a combined 100,000 visitors annually. The athletic department has 9 men and 11 women's competitive sports that welcome involvement in Warhawk athletics year-round and some of the biggest and best facilities in the NCAA Division III.

The 400-acre campus includes 40 major buildings, a nature preserve and arboretum, and 87 acres set aside for baseball, football, soccer, softball, track, tennis, golf, intermural, and practice fields. Noteworthy buildings include the recently expanded and renovated James R. Connor University Center, the Williams Center recreation facility, the 12,500-seat Perkins Stadium, the David L. Kachel Fieldhouse, which provides 100,000 square feet of indoor athletics recreational space, the 180,000 square foot College of Business and Economics Timothy J. Hyland Hall and Starin Hall the new suite-style residence hall.

UW-Whitewater provides educational services for the entire region, through conferences on subjects as diverse as regional planning, international education, and the status of women. The university serves students of all ages, from grade school academic camps to special lecture programs for seniors. It is accessible, with new efforts such as the Degree Completion Program that allows students to complete a four-year degree in Janesville. An extensive program of evening and weekend 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.

Located in Whitewater, a friendly, picturesque city of 14,622 people, UW-Whitewater is near rural recreation areas, yet within convenient driving distance of the metropolitan centers of Milwaukee, Madison, and Chicago. The campus is only a short drive from the scenic Southern Kettle Moraine State Forest in southeastern Wisconsin.

Each spring, nearly 150 students share their projects during the annual Undergraduate Research Day. Projects showcased in 2011 ranged from analysis of GI Bills to water quality in Bluff Creek to the saxophone in contemporary music.

A Warhawk paleontology student, Rhiannon LaVine, won a prestigious paid internship at the Smithsonian Institution's Natural History Museum in Washington, D.C. in 2011, where she analyzed evolutionary changes of a fossil snail among the nation's top scientists.

Three UW-Whitewater students who use wheelchairs embarked on a field study trip to Yellowstone National Park in July 2011, using global positioning systems and other survey equipment to learn about the ecology, geology, plants and animals in the area.

Professor Hephzibah Kumpaty won a \$146,302 National Science Foundation grant to bring students to the Indian Institute of Chemical Technology in Hyderabad for summer research experiences.

The Collegiate Entrepreneurs' Organization at UW-Whitewater swept the 2010 national competition by collecting five first-place awards at the national conference.

For the 14th time in 23 years, a UW-Whitewater student won the 2011 Richard G. Gaarder Award for the most promising state student in music education.

Marketing students who poured their hearts into long hours of hard work for the American Marketing Association were rewarded with first place in the national 2011 Nintendo Case Competition.

UW-Whitewater students immerse themselves in civil rights history over spring break by joining a bus trip to museums and landmarks of the national struggle that took place before they were born.

Student Web developers at UW-Whitewater showed they can compete with the best in the world with their GameZombie TV series, which was a top-five finalist for "best Web video" in the fourth annual Mashable Awards.

Violin professor Leanne League was named 2010 Outstanding Teacher of the Year by the Wisconsin chapter of the American String Teachers Association.

Education professor Guoli Liang, known for his talents in connecting people around the world, received a 2011 Teacher of Honor award from Kappa Delta Pi, the international honor society in education.

Physics professor Robert Benjamin received a three-year, \$325,580 grant from the National Aeronautics and Space Administration to study the bombardment of the Milky Way galaxy by intergalactic gas.

Dan McGuire, art professor, won two patents for a stucco formula used to dry ceramic shells for investment casting of high-tech metal parts.

Christopher Veldkamp, assistant professor of chemistry, received a three-year, \$334,633 research grant from the National Institutes of Health for cancer research.

UW-Whitewater was the only university and the only state agency honored as a Top 100 Workplace in rankings compiled by the Milwaukee Journal Sentinel.

UW-Whitewater is the only university in Wisconsin and one of only

seven nationwide to be recognized for its fully blended regular and special education curriculum.

The College of Education and Professional Studies recommends about 350 students each year for their first teaching license, the most of any Wisconsin university at the undergraduate level.

UW-Whitewater was named a military-friendly school by G.I. Jobs magazine. The university has flexible policies to help students called to active military duty or to obligations with the National Guard or Reserves.

The Summer Business Institute, which introduces freshmen interested in business majors to the College of Business and Economics and potential careers, won the Ann Lydecker Educational Diversity Award.

Nanoscience, the big science of small things, is booming at UW-Whitewater as an annual symposium shares advances with high school and college students and teachers from around the state.

The gleaming new Innovation Center in Whitewater University Technology Park celebrated its grand opening and welcomed tenants ranging from a financial business to UW-Whitewater students and researchers.

Solar panels atop Timothy J. Hyland Hall generate about 39,775 kilowatt hours of electricity each year - enough power to fuel the building's trading room, with its computers and electric tickers and lights, plus another computer lab in the building.

Starin Hall, the newest residence hall at UW-Whitewater, was awarded a gold rating in Leadership in Energy and Environmental Design (LEED) from the U.S. Green Building Council.

The UW-Whitewater football, rugby and men's wheelchair basketball teams all won national championships in 2010-2011.

UW-Whitewater jumped to sixth place for overall competitive athletic success in the national Directors' Cup ratings for Division III programs across the country.

Twenty-seven Warhawk seniors were honored by Chancellor Richard Telfer for keeping their grade point average at 3.25 or higher while participating in sports for at least three years.

UNDERGRADUATE DEGREE PROGRAMS AVAILABLE AT UW-WHITEWATER

College of Arts & Communication

Art (studio, graphics, and art history)

Art Education

Journalism (print, broadcast, and advertising)

Multimedia Digital Arts

Music

Music Education

Communication (public relations, electronic media, organizational and interpersonal communication)

Theatre

Theatre Education

College of Business & Economics

Accounting

Business Education

Economics

Entrepreneurship

Finance

General Business

Human resource management

Information Technology Infrastructure

Integrated Science and Business

Management

Management computer systems

Marketing

Operations Management

College of Education

Art Education

Communication Sciences and Disorders

Early Childhood Education

Elementary Education

Middle/Secondary Education

Occupational and Environmental Safety and Health

Physical Education

Special Education

College of Letters & Sciences

Biology

Chemistry

Economics

English

French

Geography

German

History

Individually Designed Major

Integrated Science and Business

International Studies

Liberal Studies

Management Computer Systems

Mathematics

Physics

Political Science

Public Policy and Administration

Social Work

Sociology

Spanish

Women's Studies

(For a complete list of majors, minors, and emphases, see the Academic Programs section of this Catalog.)

ADMISSION INFORMATION

TYPICAL FRESHMAN ADMISSION

Students can apply for admission as new freshman applicants as early as September 15 of their senior year. Applicants should use the online application, available at <http://www.apply.wisconsin.edu>. Completed applications must include the application, the application fee, official copies of a high school transcript, and (preferably) an ACT or SAT I exam score to receive consideration.

HIGH SCHOOL REQUIREMENTS: UW-Whitewater enforces the following unit requirements for all new freshman applicants on behalf of the UW System Board of Regents:

English	4 units	which may include one unit of speech
Mathematics	3 units	including algebra, geometry, and advanced algebra, algebra II or their equivalents
Natural Science	3 units	preferably biology, chemistry, and physics
Social Studies	3 units	
Electives	4 units	from any of the required areas or from the fine arts, computer science, foreign language, accounting or other academic areas approved by UW-Whitewater

UW-Whitewater completes a comprehensive application review for all students. A student's prior academic preparation is the most important factor used in the decision, but a review of standardized exam scores, high school GPA, history of academic rigor, student activities and/or volunteerism, the personal statement on the application, letters of recommendation, and anything else a student provides as part of the application is seriously considered. It is our goal to discover whether we believe the student can be successful in the collegiate environment. Our process affords the admissions office the opportunity to learn as much as they can about a person before making a decision. We encourage students to tell us as much about themselves as possible.

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 students take the exam during their junior year or early in their 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 terms. Questions regarding the ACT may be directed to the Testing Office ((262) 472-5613). The SAT Test I is also acceptable.

FRESHMAN ORIENTATION, REGISTRATION, AND ACADEMIC ADVISING: Incoming freshmen attend one of several summer registration/orientation programs. At that time, students meet with an advisor (usually the department chair of their major) for assistance in selecting courses to be taken in their freshman year. Family members and guests are invited and encouraged to attend, as there will be a special program scheduled while students receive advising and register for classes.

Also, there will be additional orientation activities during the first few days of the Fall term. These programs are designed to make the transition to college life as smooth as possible.

TYPICAL TRANSFER STUDENT ADMISSION

Applicants should use the on-line application available at <http://www.apply.wisconsin.edu>. Instructions with the admissions application will explain the procedure to be followed. An application fee is required for all transfer students, except those who last attended a UW college (two-year campus). In addition to the admissions application and high school records, students must submit official transcripts from all post-secondary institutions attended. Applicants may be accepted on a tentative basis during the last term of enrollment at the sending institution, provided they meet the minimum academic requirements for University admission.

UW-Whitewater requires a minimum 2.0 cumulative grade point average (4.0 system) 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 term and who do not meet freshman admissions standards must complete 12 college transferable units to receive transfer admission consideration.

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

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

COLLEGE OF BUSINESS AND ECONOMICS: Business majors are eligible to enroll in lower division business courses after they have completed 24 units and possess at least a 2.50 combined grade point average. After a student completes 54 or more units and has satisfactorily completed or is enrolled in ENGLISH 101 and 102, COMM 110, ACCOUNT 244, 249 or ECON 201, 202, MATH 143, ECON 245, and ITBE 280 (COMPSCI 181 and MCS 214 for BBA MCS majors), that student may apply for admission to the upper division (300- and 400-level) business courses. All students with a 2.80 combined GPA or better and who meet the other requirements will be admitted to the upper division. A student whose combined GPA is less than 2.80 may be admitted based on an alternative formula. Application forms for admission to the upper division business courses are available at the Assistant Dean's Office and are completed during the required advising meetings. Students who have questions concerning admission should contact the assistant dean of the College of Business and Economics at (262) 472-4900.

Transfer credit is not granted for upper-division business courses at UW-W

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unless the equivalent courses were taken after completing 60 units and were junior or senior level at the previous institution. Before receiving a degree in business, students must earn at least 18 units in their major at UW-W (21 units if majoring in Management Computer Systems).

For transfer students enrolling in the College of Business and Economics or the College of Education, Social Work, or Communications, the grade point average compiled at previous post-secondary institutions is considered for purposes of determining eligibility.

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 (if applicable) as well. Students admitted under the “special student” classification are not required to attend the orientation program or to seek advising assistance.

CREDIT IN TRANSFER

GENERAL TRANSFER: UW-Whitewater will accept credit only from regionally accredited colleges and universities. Wherever possible, transfer courses are converted to exact UW-Whitewater course equivalents. Students who receive credit for equivalent courses should be careful not to enroll in courses with the same course number since duplicate credit in courses cannot be awarded.

Although grades earned at other post-secondary institutions will be included on the evaluation of transfer credit and the AR, 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, Social Work, and Communications.

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. Additionally, business students must complete course work in residence at UW-W in at least six courses (18 unit minimum) in their major field. A maximum of 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 units and 25% of the minor course units 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 2/3 of the number of term units 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 C-, D or F were received. Students may repeat courses transferred to UW-Whitewater from other post-secondary institutions subject to UW-Whitewater's repeat policy. Coursework completed at one transfer institution and repeated at a second transfer institution is recognized when calculating the transfer grade point average during the admission process. Please contact the Office of Admissions for further details or reference the Repeat Policy section of this Catalog.

Appropriate units 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 Units: The number of units earned for a course taken on the quarter system must be multiplied by 2/3 in order to convert to the term (semester) system. Thus a course for 3 quarter units would be changed to 2 term units 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 office of the Associate Director of Admissions. In considering appeals, the Associate Director 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 unit 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 units, students must earn a minimum of 48 additional units 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 units toward graduation must obtain prior permission from the dean of their college. After permission is granted from the dean, students must meet with the Associate Director of Admissions to complete a Transfer Credit Agreement (TCA).

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

1. Students enrolled in the college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, and Nicolet Area Technical College may be eligible to transfer up to 72 credits toward their baccalaureate degree.
2. Students who have successfully completed coursework in the Wisconsin Technical College System may be eligible to transfer up to 72 credits of general education course work in communications, social science, and science.
3. Students may be eligible for credit by earning appropriate scores on national standardized examinations (e.g., College Level Examination Program or Advance Placement Examinations) or examinations developed by UW-W. Contact the Testing Office for more information.
4. Students with a declared business major who attain an Associate of Applied Science degree from the Division of Business and Marketing may be eligible to transfer a maximum of 12 units in business-related coursework.
5. Other program-to-program articulation agreements have been developed. For a listing of these, visit the UW-Whitewater Transfer Admissions site at: <http://www.uww.edu/admissions/transfer/policies/articulation.html>.

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

TRANSFER INFORMATION SYSTEM (TIS): The Transfer Information System is a source of information for students and advisors with questions regarding transferability of units among UW System institutions and the Wisconsin Technical Colleges. This computer-based system provides information regarding transfer course equivalencies, academic program array, and student services departments. TIS can be accessed at <http://tis.uwsa.edu>. TIS is very user-friendly with easy to use commands and an extensive tutorial.

UNIVERSITY DEVELOPMENTAL, GENERAL EDUCATION, AND DIVERSITY FULFILLMENT: Transfer students with an Associate of Arts and Science degree from the UW Colleges, or an Associate of Arts/Associate of Science degree from Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or any accredited state community college, who transfer at least 40 acceptable units to UW-Whitewater may be considered to have fulfilled the General Education (Communication & Calculation Skills, Core and General Studies Electives) Requirements. Although the associate degree satisfies all General Education requirements, there may be additional courses still required to meet degree and/or major/minor requirements. In addition to satisfying General Education requirements, the UW-Colleges' Associate of Arts and Science Degree satisfies the Diversity requirement. Students should remind advisors that they have earned the associate degree to ensure they are not needlessly advised into General Education courses. The final official transcript from the sending institution must indicate that the degree specified has been awarded, or the student will be responsible for fulfilling the remaining General Education Requirements.

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

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

All transfer students will be required to complete the following General Education Core Course requirements:

# of Units Transferred	UW-W Core Course Requirements
0 - less than 21	All General Education Core Courses
21 - less than 40	GENED 390 and an additional core course assigned by Gened Coordinator. Check AR for required course.
40+ units (no AA/AS degree)	GENED 390 World of Ideas only
Conferred AA/AS degree from UW-Colleges, Madison/Milwaukee Area Technical Colleges, Nicolet Technical College, or other approved state community colleges	General Education and Core Course requirements satisfied

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

Students who do not receive transfer credit for English 101 or Mathematics 141 will be placed according to ACT or SAT sub-scores or will be required to take the appropriate placement examination.

ONLINE PROGRAM ADMISSION

The application process for students planning to complete their degrees through only online courses differs from admission for traditional students. The following procedures are in place for students interested in online degree completion programs:

- Students who wish to apply to the online General Business program should contact the assistant dean of the College of Business and Economics at onlinebba@uww.edu prior to applying to UW-Whitewater. It is important to get more information before paying the application fee.
- The College of Letters and Sciences offers online degrees in Liberal Studies and Political Science. These degrees are intended to be degree completion programs, with the expectation that students will have earned an approved Associate Degree or will have completed the majority of the General Education program at a transfer institution. For more information, please visit <http://www.uww.edu/online/>
- The College of Education and Professional Studies offers an online degree completion program in Early Childhood Education (ECE4U). This is a dual licensure program and requires a student to have completed an Associate's of Applied Science Degree in Early Childhood from one of the Wisconsin Technical Colleges. It is important to contact the program coordinator prior to applying for this program. Contact information and program requirements can be found at: <http://www.uww.edu/coe/ece4u/>.

SPECIAL STUDENTS

SPECIAL STUDENTS WITHOUT CREDENTIALS: Students who wish to enroll for 6 units or less in any term may apply for admission as "special students without credentials." The application fee is not required, but some record of previous academic work may be required to establish academic eligibility. Prospective students who do not meet admission standards will not be granted admission as special students. Special students without credentials may attend summer school without establishing academic eligibility and may take as many units as are regularly allowed in the Summer term 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. Advising Reports (ARs) are not available for special students. Special students without credentials are not eligible for financial aid.

SPECIAL STUDENTS WITH FULL CREDENTIALS: Students who have a conferred bachelor's degree and wish to enroll only for undergraduate work may apply as "special students with full credentials." An admissions application and an official transcript indicating receipt of the degree must be submitted for review. An admissions application fee is required for students seeking teaching licensure or a second bachelor's degree and who have not previously attended a UW System campus as matriculated students. Students in this classification must meet the UW-W program grade point average requirement and are considered to have fulfilled Proficiency, General Education, Core, and Diversity requirements. Transfer unit evaluations and Advising Reports (ARs) are not available for these special students. Formal academic advising is not required.

READMITTED STUDENTS

Students returning to the University after an absence of one term or more must file an application for readmission. The application can be obtained

on-line at <http://www.apply.wisconsin.edu>. It is also necessary to furnish transcripts covering college-level work taken elsewhere during their absence from UW-Whitewater. Readmitted students must receive advising before registering and are encouraged to seek other assistance as needed for their unique situation.

ACADEMICALLY DISMISSED STUDENTS

Students dismissed for academic reasons at UW-Whitewater will be considered for readmission if their grade point average is improved by means of work taken through UW-Whitewater summer sessions. Students will also be eligible for readmission if they have remained out of college for the time specified under the probation and dismissal policies of the University. Please note that it is necessary to reapply for admission after an absence of one term or more. Students who have been academically dismissed and attend other post-secondary institutions during their absence from UW-W will be evaluated based upon their academic performance (final grades) at the sending institution; this may delay the readmission process to the University and could affect admission eligibility. Students who have been academically dismissed may be required to submit an appeal through academic standards. Instructions for admission after dismissal can be found at: <http://www.uww.edu/academicstandards/definitions/reinstate.html>.

ADULT/ ONLINE / VETERAN / RETURNING STUDENTS

Adult and returning students follow the same basic admission process as other students. For admission details please contact the Assistant Director of Admissions for Adult, Online and Veteran Admission at 262-472-1440. You may seek additional resources at: <http://www.uww.edu/aso/getstarted.html>

INTERNATIONAL STUDENTS

The University will consider applications from international students who demonstrate academic potential, are proficient in English, and have adequate financial resources to meet expenses while attending UW-Whitewater.

To assess academic potential, results of nationally administered examinations and the secondary school record will be considered. Please note that secondary education must consist of a college-preparatory program.

YOUTH OPTIONS STUDENTS

The Youth Options Program provides an opportunity for qualified juniors and seniors at Wisconsin public high schools to enroll in courses offered at UW-Whitewater on a space-available basis. To qualify, students must rank in the top 25% of their high school class OR rank in the top 40% and possess an ACT or SAT composite exam score ranking in the top 25% nationally.

New Youth Options students and those reapplying for the Fall semester should supply the following items to apply:

- A completed UW System Special Student Online Application (complete as a 'Youth Options' students)
- A completed Youth Options Program Plan and Report Form (DPI form 8700) with authorization signatures selecting 3-5 courses that the student has permission to take at UW-Whitewater
- An official high school transcript which includes class rank (if applicable) and test scores

Students reapplying for Spring semester after completing a fall Youth Options program should supply the following:

- A completed Youth Options Program Plan and Report Form (DPI form 8700) with authorization signatures selecting 3-5 courses that the student has permission to take at UW-Whitewater

- An official high school transcript which includes class rank (if applicable) and test scores

PLACEMENT TESTING

Placement tests are given in English, Mathematics, Arithmetic Skills, and Foreign Languages (Spanish, French, and German). The purpose of these tests is to provide the University with information to place students at the correct level within their programs. Placement is compatible with students' expected level of achievement, based on their test scores, and allows them to be placed with others at the same level of preparation. This usually results in a successful learning experience and a satisfactory final grade. New Freshmen students' placement is determined by ACT or SAT sub-scores in English and Mathematics. The English and Mathematics placement tests are open to international students and transfer students who do not have ACT or SAT sub-scores. Group Mathematics placement tests are given at the beginning of each semester. Individual testing is available by appointment in the Testing Office.

For more information on group tests, see the UW Center for Placement Testing: <http://testing.wisc.edu/center.html>

For more information on individual tests, please contact the UW-Whitewater Testing Office.

CREDIT BY EXAMINATION AND ADVANCED STANDING

The University provides opportunities for students to receive advance academic credit and/or advanced standing on the basis of examination. Students who wish to obtain credit by examination should contact the Testing Office (Roseman 2003, (262) 472-5613) for information. Students may also visit http://www.uww.edu/testing/credit_exam/index.html, which lists the examinations approved by the University. A maximum of 60 units by examination is allowed; this includes departmental and nationally administered examinations as well as other credit by examination transferred to UW-W from another institution.

A student with a score of 3 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. 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 3 or better is earned.

The University also recognizes certain tests offered by the College Level Examination Program (CLEP) and the International Baccalaureate Program (IB). For detailed information, visit http://www.uww.edu/testing/credit_exam/index.html.

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

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 units, on the basis of standardized tests, high school performance, or departmental interviews.

Qualified students may attempt to earn retroactive units in foreign language (French, German and Spanish). The procedure in each case is outlined at

http://www.uww.edu/testing/credit_exam/index.html.

ADVANCE CREDIT FOR VETERANS

The University is approved by the State Approval Agency. Veterans may receive a minimum of 4 elective units if they received an honorable discharge after six months or more of service or if they were discharged into the National Guard or Reserves. The discharge certificate (DD214) must be submitted to the Admissions Office to obtain these units.

Credit may be granted for military training and experience if the guide compiled by the American Council on Education so recommends. Students should consult the Admissions Office about this type of credit.

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 term of enrollment, are exempt from payment of non-resident tuition. Also, applicants who have been continuously employed full-time in this state and were relocated to Wisconsin by their current employer, or applicants who moved to Wisconsin for employment purposes and accepted current employment before applying for admission to UW-Whitewater, may, along with their spouse and dependents, be exempt from the payment of nonresident fees, provided the person making application demonstrates an intent to establish and maintain a permanent home in Wisconsin.

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

- nonresident members of the armed forces (including spouse and dependents) stationed in the state, or members of the armed forces who reside in Wisconsin and are stationed at a federal military installation located within 90 miles of the borders of Wisconsin
- graduates of a Wisconsin high school whose parents have been bona fide residents of the state 12 months prior to the beginning of the term 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 term of enrollment
- minor students under guardianship in the state during the years of minority and at least 12 months preceding the beginning of the term 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 preceding the beginning of any term 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 term of enrollment
- official refugees who moved to the state immediately upon arrival in the United States and who have resided in the state continuously
- 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 term 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

Subject to yearly approval by Minnesota and Wisconsin state governments, 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 Services Office, 1450 Energy Park Dr, Suite 350, St. Paul, Minnesota, 55108-5227 (telephone 651-642-0567 or 1-800-657-3866).

MULTICULTURAL 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.

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 Multicultural Student Recruiter in the Admissions Office at (262) 472-5180.

EXPENSES

WHAT WILL IT COST TO ATTEND UW-WHITEWATER?

Begin your financial planning for college 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 your expenses, expect to incur expenses for workbooks and supplies, personal items, laundry, entertainment, and travel. If you make realistic budgetary allowances for such items now, your final financial projections will be more accurate and useful.

These costs, projected for 2012-2013, are estimates based upon 2011-2012 actual charges plus inflation factors of 5 percent. Actual data may be obtained during the summer from Financial Services, pending the Board of Regents' approval.

Wisconsin Residents

	UNDERGRADUATE	GRADUATE
Tuition and Books*	\$ 6,838	\$ 7,832
Room and Board	5,452	7,800
Workbooks and Supplies	640	1,240
Transportation	850	850
Personal Expenses	1,500	2,480
TOTAL	\$15,280	\$20,202

***Non-resident (except Minnesota & Midwest Exchange) undergraduates add \$7,600 and graduates add \$9,800 for non-resident tuition (estimate).**

Note: Self-supporting students have higher cost estimates. Contact the Financial Aid Office for additional details. These college costs may not be exactly the same as those listed in other UW-Whitewater publications, as they are used solely to establish eligibility for financial aid. These costs are subject to change without notice.

While most required undergraduate textbooks are available through the textbook rental system, some must be purchased. Graduate students must purchase their textbooks.

SAMPLE STUDENT BUDGET

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

Total Estimated UW-W Budget	\$15,640
Minus Expected Family Contribution (EFC) (as calculated through the application process)	-1,199
TOTAL NEED	\$14,441

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

Federal Pell Grant	\$4,400
Wisconsin Higher Education Grant	1,952
Federal Supplemental Education Opportunity Grant	600
Federal Perkins Loan	1,000
Federal Work-Study	1,200
Federal Direct Stafford Loan-Subsidized	3,500
Federal Direct Stafford Loan-Unsubsidized	2,000
Federal Direct PLUS Loan	988
TOTAL	\$15,640

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

Financial aid is calculated according to the number of credits the student intends to take. Financial aid packages must be adjusted for less than full-time enrollment.

ACADEMIC FEE SCHEDULE

All students who attend the university pay academic fees assessed by the Board of Regents of the University of Wisconsin System. Academic fees are subject to change by the Board without notice. The information, policies, and fees described below are those in effect at the time this Catalog was prepared.

UNIVERSITY OF WISCONSIN-WHITEWATER 2011-2012 ACADEMIC TUITION FEE PER TERM

UNDERGRADUATE

	RESIDENT	NON-RESIDENT
12.0-18.0	\$3,597.62	12.0 -18.0 \$7,384.10
11.0	3,297.80	11.0 6,768.74
10.0	2,998.00	10.0 6,153.40
9.0	2,698.20	9.0 5,538.06
8.0	2,398.40	8.0 4,922.72
7.0	2,098.60	7.0 4,307.38
6.0	1,798.80	6.0 3,692.04
5.0	1,499.00	5.0 3,076.70
4.0	1,199.20	4.0 2,461.36
3.0	899.40	3.0 1,846.02
2.0	599.60	2.0 1,230.68
1.0	299.80	1.0 615.34
.5	149.90	.5 307.67

GRADUATE

9.0 & over	\$4,087.61	9.0 & over \$8,817.20
8.0	3,633.44	8.0 7,837.52
7.0	3,179.26	7.0 6,857.83
6.0	2,725.08	6.0 5,878.14
5.0	2,270.90	5.0 4,898.45
4.0	1,816.72	4.0 3,918.76
3.0	1,362.54	3.0 2,939.07
2.0	908.36	2.0 1,959.38
1.0	454.18	1.0 979.69
.5	227.09	.5 489.85

SPECIAL GRADUATE BUSINESS FEES

9.0 & over	\$4,3364.63	9.0 & over \$9,107.27
8.0	3,879.68	8.0 8,095.36
7.0	3,394.72	7.0 7,083.44
6.0	2,909.76	6.0 6,071.52
5.0	2,424.80	5.0 5,059.60
4.0	1,939.84	4.0 4,047.68
3.0	1,454.88	3.0 3,035.76
2.0	969.92	2.0 2,023.84
1.0	484.96	1.0 1,011.92
.5	242.48	.5 505.96

Mandatory Segregated Fees are included in the resident and non-resident fee schedules above.

A non-resident fee is added to the academic fee for non-resident students. Students may be eligible for reduced non-resident fees. Programs that are available include the following:

- a. MINNESOTA RECIPROCITY - Minnesota residents can participate by filing an application with the Minnesota Higher Education Services Office.
- b. MIDWEST STUDENT EXCHANGE PROGRAM (MSEP) - Undergraduates from Kansas, Michigan, Missouri, Nebraska and North Dakota are eligible.
- c. RETURN TO WISCONSIN - Undergraduates who are sons or daughters (or grandchildren) of UW-Whitewater alumni are eligible.

The fee for a College of Business and Economics undergraduate online BBA web course is \$375 per credit. The fee for a College of Business and Economics graduate online MBA web course is \$600 per credit. This rate will change every year as tuition rates increase.

EXCESS CREDIT POLICY

The University of Wisconsin System Board of Regents Excess Credits Policy requires that resident undergraduate students who earn more than 165 credits toward their first undergraduate degree pay a surcharge for all credits beyond 165. This surcharge will approximately double the tuition that resident undergraduates pay and will be applied to students in the term following the one in which they reached the earned credit limit.

The Excess Credits Policy covers all earned credits from UW-Whitewater as well as earned credits from other UW System schools or Wisconsin Technical College System (WTCS) schools that are accepted toward the first baccalaureate degree. Credits transferred from other colleges outside the UW System or the WTCS do not count toward the 165-credit limit. In addition, advanced placement, retroactive credits, credits by examination, and remedial credits do not count toward this limit.

Students who have questions about the policy should contact their college advisor.

SPECIAL COURSE FEES

In addition to the regular instructional fee and mandatory fee, approved course fees are charged for extraordinary costs such as art materials, sports-related fees, technology fees, etc. Special course fees listed are in the Schedule of Classes. Supplemental course fees (e.g., on-line fees, equipment costs, field trip expenses) may be refunded in full if the course is dropped by the 100% deadline; after that no refund of such fees is available. Costs associated with travel study courses are non-refundable.

ENROLLMENT DEPOSIT

The University of Wisconsin-Whitewater will require all new undergraduate students to pay a one-time \$100 enrollment deposit for their first term of classes.

When students leave the University, they can request their enrollment deposit back by completing the request form and complying with the terms and conditions listed on the form.

TERMS AND CONDITIONS / PAYMENT PLAN

1. Eligible charges covered by the payment plan include tuition, meal plans, housing, and online class fees.
2. An Activation Fee of 1.25% per month on the amount owed for eligible charges will be assessed when the two-month Payment Plan is activated.

3. Half of the eligible charges for the payment plan will be allocated to the 1st installment and the remaining charges will be allocated to the second installment. Due dates are indicated below.
4. Charges not eligible for the Payment Plan, such as Course Fees, Health Center Charges, Purple Points, Weight Room Charges, Library Fines, Textbook Charges, etc. are due in full by the due date indicated on your bill at the time of billing.

PAYMENT

STUDENT BILLS

The UW-Whitewater bills the student for their tuition and fees via the campus email address system. Student Accounts emails e-Billing notifications, which allow a student to click on a link and view their bill.

FINANCIAL AID RECIPIENTS

Students receiving financial aid are subject to the same payment deadlines which apply to all other students. Students should not rely on financial aid to be available in time to pay their balances by the term due date.

PAYMENT, BILLING AND COLLECTION POLICIES

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

1. Student Accounts will generate e-Bills on term accounts during the following time periods:
 - a. ADVANCE REGISTRATION BILLING - If students register during the advance registration process, they will be e-mailed an advance registration e-Bill, which will allow them to pay their fees in full or elect to go on the University Installment Plan.
 - b. FIRST INSTALLMENT BILLING - Students are required to pay at least 50% of their eligible expenses by the due date of this bill.
 - c. LAST INSTALLMENT BILLING - Students are required to pay the entire remaining balance by the due date of this bill.
2. Advance registrants must make payment to the UW-Whitewater Cashier's Office so that it is received by the due date. We advise you to pay by check made payable to UW-WHITEWATER. Include the name of the student, ID number, and term on the check. Mail payment to: UW-Whitewater Cashier's Office, P.O. Box 88, Whitewater, WI 53190-0088. The depository outside the Cashier's Office is available when Hyer Hall is open. Your cancelled check is your receipt. If you need a register receipt, include a self-addressed stamped envelope. Remember credit or debit card payments are NOT accepted over the phone or at the Cashier's window. Web payments can be made by going to <https://touchnet.uww.edu>. We accept electronic web checks or MasterCard, American Express, and Discover credit cards over the web. There is a convenience fee charge when making a credit card payment.
3. Failure to receive an e-Billing statement will NOT relieve you from your obligation to make timely payments.
4. Students receiving funding through financial aid or a third party agreement (outside agency – OSA) are subject to the same payment deadlines. Do not depend on other financing sources to be available in time to pay your University bill.
5. If your account becomes past due, you are at risk of having your current or upcoming classes cancelled. In addition, you will not be able to register for your current or future terms. Also, administrative fees will be charged and collection procedures will be initiated. The University participates in the Department of Revenue (DOR) debt collection programs.
6. Scholarships are treated like financial aid and require processing time. Please submit scholarship checks to the UW-Whitewater Cashier's Office at least 10 days before the due date to avoid additional finance charges.
7. NSF checks will be prosecuted to the fullest extent of the law. A \$20.00 service charge will be assessed. See also WI Stat. 943.24. Your account

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will revert to the same status as before the payment was received.

8. The Federal Education Rights and Privacy Act (FERPA) of 1976, as amended, is a federal law that affords students certain rights and protects their privacy and confidentiality with respect to their educational records. Students may sign an Authorization to Release Information with regard to the payment of their financial obligation to the university. You may download this form from our website at <http://www.uww.edu/adminaffairs/sfs/forms/ferpa.pdf>.

REFUND OF FEES

Students who enroll for courses at UW-Whitewater and wish to drop one, some, or all of their courses must do so by published deadlines to avoid academic and financial penalties (nonattendance does not exempt the student from such penalties).

International students, student athletes, and students who are receiving financial aid, veterans' or other benefits, and who are considering dropping all classes or dropping below full-time status, after classes have begun are strongly encouraged to meet with the appropriate official before dropping classes since there may be legal, certification, and/or repayment penalties associated with these actions.

To determine a student's withdrawal date, the University uses the date students notify the Registrar's Office of their official withdrawal. Any questions regard the withdrawal process should be directed to the Registrar's Office.

REFUND SCHEDULE FOR WITHDRAWALS OR DROPS

Session Length	Week of Session				There- after
	Wk.1	Wk.2	Wk.3	Wk.4	
12 wks. & over	100%	100%	50%	50%	None
8 wks. through 11 wks.	100%	50%	25%	None	None
5 wks. through 7 wks.	100%	50%	None	None	
3 wks. through 4 wks.	100%	25%	None	None	
2 weeks	100%	None			

Supplemental course fees (e.g, online fees, equipment costs, field trip expenses) may be refunded in full if the course is dropped by the 100% deadline; after that no refund is available. Costs associated with travel study courses are non- refundable. The refund schedule changes accordingly for sessions of shorter duration.

Financial aid will be disbursed on or prior to the first day of classes if it is available. Financial aid must be used to pay any remaining balance on students' accounts before refunds will be issued. Refunds will be delayed if a past due balance exists on the student account. Any overpayments (refunds) will be mailed after the term begins. Students may setup a direct deposit account for refunds through the e-Bill site. For additional information, see our website: <http://www.uww.edu/adminaffairs/sfs/eRefund.pdf>.

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

FINANCIAL AID

HOW TO APPLY

Complete a Free Application for Federal Student Aid (FAFSA) on the web at www.fafsa.ed.gov. The web page is designed to aid students and parents in completing this application process accurately and allows for faster processing. We encourage the use of this technology as it offers quicker results, easier access to current status, and an estimate for the family contribution.

Continuing students may also file a Renewal Application on the web at the site above. The renewal form allows students to update certain data elements instead of completing an entire application. When completing the renewal process on the web, students must have a PIN number. All students can get a PIN if they do not have one or have lost it at www.pin.ed.gov.

All students and parents have the option of requesting a PIN number, which will serve as an electronic signature. The PIN number will also give the student access to other valuable information at www.nsls.ed.gov. The FAFSA must 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. Therefore, students and/or parents should complete federal income tax returns as early as possible. Students and parents should always make an extra copy of their federal tax return in case they are required for verification purposes by the Financial Aid Office.

Submit the FAFSA and all other required documents by the priority date of March 15. Applications submitted after March 15 may be too late for many aid programs. Financial aid is awarded on a first-come, first-served basis.

Students should provide an up-to-date e-mail address on the FAFSA. This allows the federal processor to communicate with the student when the Student Aid Report is available for viewing online. The SAR reports to the student the information as submitted on the FAFSA. If it contains incorrect information, the student should use his/her PIN number to make the necessary corrections on the web as this reduces processing time. The student may also make corrections on the paper form and mail it to the address indicated on the form. However, this process is lengthier than using the web.

Applications will not be reviewed until all required information/documents are received. The student must be accepted for admission to UW-Whitewater before the application will be considered. It is the applicant's responsibility to submit all data on a timely basis. The status of the student's application can be determined by calling the Financial Aid Office at (262) 472-1130 or e-mailing uwvfao@uww.edu. Students can view their financial aid award on WINS.

WINTERIM

To apply for Winterim financial aid, students must make an appointment with a financial aid administrator beginning in November. The current academic year FAFSA process must be completed and on file.

SUMMER TERM

To apply for Summer term financial aid, students must complete a Summer Term Application, which is available on the web at <http://www.uww.edu/financialaid/>. Applications are also available at the Financial Aid Office during the Spring term. In addition, the current academic year FAFSA must be received by the federal processor by June 30.

Undergraduates must enroll for a minimum of 6 credits and graduates a minimum of 4.5 credits to be eligible for financial aid. All forms for financial aid must be completed by July 15. Work programs and loans are usually the only aid available. Some students may be eligible for the Pell Grant.

THE AWARD PROCESS

- Financial aid is generally awarded for the academic year. Each applicant is considered for all types of aid available for which he/she is eligible according to state and federal regulations. The student must be enrolled at least half time for most financial aid programs. Half time is defined as 6 credits for undergraduates and 4.5 credits for graduates.
- Financial aid packages are generally based on full-time status. Students must inform the Financial Aid Office if they plan to carry less than a full-time credit load, as an adjustment may have to be made in their aid award. Unauthorized receipt of funds will require repayment. Grants and/or loans will be disbursed or directly credited to the student's account at the beginning of each term. All new students must pay a minimum payment as specified by the University to complete registration.
- The financial aid package may be a combination of grants, loans, and employment. The actual package depends upon factors such as state and federal regulations, availability of funds, and the number of students seeking aid. Grants are awarded first, then loans and/or work study, depending on the preference and eligibility of the student.
- An applicant is ineligible for aid if he/she owes a refund or repayment or is in default on any Title IV grant or loan at any institution.
- Continued eligibility for receiving financial aid is based upon financial need and meeting academic progress requirements.

POLICY ON AWARDING FINANCIAL AID

Financial aid is awarded based on tuition and other educational expenses. Enrollment is captured on the 10th class day of the term, and student financial aid will be revised accordingly. Students awarded financial aid after the 10th day of the term will be awarded based on actual enrollment for the current term and projected enrollment for the Spring term.

SATISFACTORY ACADEMIC PROGRESS

Students are required to comply with the Satisfactory Academic Progress policy in order to maintain their eligibility for financial aid. Academic Progress requirements are available at http://www.uww.edu/financialaid/process/progression_policy.html. Failure to meet the requirements will result in loss of eligibility for all major types of financial aid. Students who do not meet the requirements can appeal their Academic Progress status.

ADDITIONAL OUTSIDE RESOURCES

A 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, etc.

CHANGES TO FINANCIAL SITUATION

Notify the Financial Aid Office directly of changes which may affect the family's ability to provide financial assistance to the student. These changes may include but are not limited to loss of employment or benefits, a significant decrease in income, separation or divorce, death or disability, unusual medical expenses, and child care costs.

FINANCIAL AID COUNSELING

Financial aid counseling is available from Financial Aid Administrators on an appointment basis. In addition, there is an administrator-on-duty 12-15 hours a week for quick questions. Social Security numbers or ID numbers are needed to make appointments.

STUDENT RIGHTS & RESPONSIBILITIES

The Family Educational Rights and Privacy Act (FERPA) is a law designed to protect students' education records. Based on this law, all students have the right to access the information contained in their education records. In order to insure the confidentiality of these records, the Financial Aid Office must obtain written consent from students authorizing employees of the Financial Aid Office to discuss information with parents, legal guardians, and/or spouses. There is an Authorization for Release of Information form available at the Financial Aid Office. It is also included on the Award Letter.

Male students born in 1960 or later must register for the Selective Service prior to being able to receive federal Title IV financial aid. Forms are available from any U.S. Post Office or can be accessed online at www.sss.gov.

All local addresses must be changed on the WINS system or by the Registrar's Office. All home addresses must be updated by the Registrar's Office. Billing addresses must be updated by Student Accounts.

Financial aid of any type is required to be used to meet educational expenses of tuition, fees, books, room and board, transportation, and minimal personal expenses.

Students are responsible for repaying their educational loans and should not accept such loans without full realization of that responsibility. Students borrowing through the Federal Stafford Direct Loan program for the first time must complete Entrance Loan Counseling online prior to release of funds.

Students may be ineligible for Title IV aid if convicted of an offense involving possession or sale of illegal drugs. The period of ineligibility is contingent upon the offense committed and if the student is a first-time or repeat offender.

Work-study employment is a privilege, not a right. Any student can and will be terminated for justified reasons.

Students must reapply annually for all types of financial aid.

POTENTIAL TAX LIABILITY

Financial aid grants may be taxable income. Students receiving grants are advised to retain receipts for fee payments, books, supplies, and equipment that are course-related.

FORMS OF FINANCIAL AID

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 are limited to 30 hours per week during periods of enrollment.

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

During the summer or other vacation periods when the student does not have classes, he/she may work a maximum of 40 hours per week. In general, the basic pay is slightly above 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 on campus (except for America Reads), and work schedules are set 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 with funds directly deposited to the student's savings or checking account 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 on the Student Jobline, on the UW-Whitewater Financial Aid and Student Employment Office homepage.

All on-campus students are paid with funds directly deposited to their savings or checking accounts.

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 also listed on the Student Jobline. Students on foreign student visas (F-1's) are not eligible for off-campus employment without special permission.

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 Federal 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 (EFC), which indicates whether or not the student is eligible. This amount is on the Student Aid Report (SAR).

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

The Federal Supplemental Educational Opportunity Grant is another 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.

ADVANCED OPPORTUNITY GRANT (AOP)

AOP grants are intended for African American, Latino, American Indian, designated Southeast Asian, and disadvantaged graduate students. Both Wisconsin residents and non-residents are eligible, although preference is given to Wisconsin residents. Full-time and part-time graduate students are eligible.

DIVISION OF VOCATIONAL REHABILITATION (DVR)

DVR assistance may be available to students with some type of disability. Vocational Rehabilitation is a Division of the Department of Workforce Development. Students should contact their local DVR counselor in addition to filing the FAFSA.

INDIAN STUDENT ASSISTANCE PROGRAM

The Indian Student Assistance Program grants are available to Native Americans who demonstrate financial need and are of one-fourth Native American lineage. Contact the Financial Aid Office for more information.

INTERNATIONAL STUDENT GRANT

The Admissions Office has a limited amount of funds available to assist continuing students from foreign countries. Applicants must have earned a minimum of 24 undergraduate credits or 9 graduate credits at UW-Whitewater with a minimum G.P.A. of 2.50 or 3.0 respectively. These awards are made on the basis of need from extenuating circumstances. Recipients must be enrolled full time. Awards are made in the form of a partial waiver of non-resident tuition. Applications are available through the Center for Global Education in Hyland Hall.

INTERNATIONAL STUDENT SCHOLARSHIP

Each year the Admissions Office awards scholarships based on academic record and financial need to new freshmen from foreign countries. Not all students who apply for admission receive scholarships. The awards may be renewable for up to four years. Recipients must be enrolled full-time. Awards are made in the form of a partial waiver of non-resident tuition and can vary in dollar value. Contact the Admissions Office, 2060 Roseman Building, (262) 472-1440, or e-mail uwwadmit@uww.edu for more information.

LAWTON UNDERGRADUATE MINORITY RETENTION GRANT

These grants provide funds to undergraduate minority students who are of at least sophomore status. Applicants must be African-American, Latino, Native American or Southeast Asian. Southeast Asian students must be of Vietnamese, Cambodian, Laotian or Hmong heritage. Students must file a FAFSA so financial need can be determined.

Qualifying minority students must be Wisconsin residents who are enrolled at least half-time and making satisfactory academic progress. Students who demonstrate financial need must have a grade point average of 2.0 or better; students not eligible for financial aid must have a grade point average of 2.4 or better to be considered. Contact the Assistant Vice Chancellor for Academic Support Services, 226 McCutchan Hall, (262) 472-4985, for applications and information.

MINNESOTA RECIPROCITY

All undergraduate and graduate students who are bona fide residents of Minnesota may have their non-resident tuition waived upon application to their home state. Contact the Admissions Office for more information.

NON-RESIDENT GRANT

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

TALENT INCENTIVE PROGRAM GRANT (TIP)

The Talent Incentive Program Grant is administered by the Department of Public Instruction's Wisconsin Educational Opportunity Program. The purpose of TIP is to provide supplemental grant awards to extremely needy students from disadvantaged backgrounds. TIP awards are designed to reduce the need for self-help aid during the period of greatest academic vulnerability. Contact your local WEOP office at (414) 227-4942.

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

There are four categories of annual scholarships awarded by the Department of the 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 four-year and three-year scholarships under the High School Scholarship Program. Interested students should contact the Department of Leadership, Military Science and Aerospace Studies (262) 472-1541, September 1 through December 15 during their senior year in high school. On-campus, two-year and three-year scholarships are also available to selected students participating in Army ROTC.

U.S. AIR FORCE ROTC SCHOLARSHIPS

Air Force ROTC has several types of scholarship opportunities available for students. High school seniors must apply for the Air Force ROTC College Scholarship Program no later than December 1. If selected, high school seniors are awarded three-year and four-year Air Force ROTC scholarships. For those students already in college, please contact the Department of Leadership, Military Science and Aerospace Studies to find out if you are eligible for a scholarship.

WISCONSIN GRANTS FOR STUDY ABROAD

There is a limited amount of funding for study abroad grants. Students must complete a FAFSA and demonstrate financial need. These grants are intended to increase the number of UW System students studying abroad. Grants will be provided for only those experiences that grant credit regardless of program length. A recipient must be an undergraduate Wisconsin resident enrolled in a program leading to a bachelor's degree with at least sophomore status. Contact the Center for Global Education, Hyland Hall, (262) 472-5759, for applications and information.

WISCONSIN HEARING/VISUALLY HANDICAPPED GRANT

These grants provide assistance to Wisconsin residents who are deaf, hard of hearing, or visually impaired. To qualify, such students need to demonstrate financial need. Awards are determined by the Higher Educational Aids Board. Contact the Financial Aid Office for more information.

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.

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. The borrower must sign a master promissory note for the loan, which is interest-free as long as he/she is enrolled at least half-time at any eligible institution. Repayment of the principal plus 5% interest per year begins nine months after the student leaves school or graduates. Repayment is determined by federal regulations.

WILLIAM D. FORD FEDERAL DIRECT LOAN PROGRAM

Federal Direct Stafford Loan (Subsidized)

The Federal Direct Stafford Loan enables undergraduate and graduate students enrolled at least half-time to borrow directly from the federal government. To be eligible, students must demonstrate financial need. The school determines financial need based on the information provided on the FAFSA. The federal government pays the interest on these loans while students are in school and during the six-month grace period after the student graduates or leaves school. The federal government also pays the interest during periods of deferment (a postponement of repayment). Undergraduate freshmen are limited to loans of \$3,500; sophomores (24-59.5 credits) are limited to \$4,500; junior and senior undergraduates (students with 60 credits or more) are limited to \$5,500. Graduate students are eligible to receive up to \$8,500 per year. An origination fee is assessed at the time the loan is made. The borrower will receive a disclosure statement from the Direct Loan Servicing Center regarding the amount of his/her loan and the anticipated disbursement date.

Federal Direct Stafford Loan (Unsubsidized)

To be eligible, the student must complete the FAFSA process. If a small financial need is determined, the student may be offered the subsidized loan in combination with the unsubsidized loan. If no financial need is determined, the student will be offered the Federal Direct Unsubsidized Loan. The student, not the federal government, is obligated to pay all interest even while enrolled, which differs from the subsidized loan. New borrowing limits apply minus any amounts borrowed under the subsidized program. A freshman may borrow a maximum of \$5,500 per year in combination of both programs; a sophomore may borrow a maximum of \$6,500 per year; a junior/senior may borrow \$7,500 per year. Independent undergraduates may be eligible for higher limits. As with the subsidized loan, an origination fee is assessed at the time the loan is made. The borrower will also receive a disclosure statement for this loan.

Federal Direct PLUS Loan

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

WITHDRAWAL

If a financial aid recipient withdraws during a term, the Financial Aid Office must calculate the amount of Title IV aid the student did not earn. Unearned funds must be returned to Title IV Programs.

The basic formula is as follows:

$$\begin{array}{rcl} \text{Percent of enrollment} & & \text{Aid that disbursed} \\ \text{period completed based on} & \times & \text{or could have} \\ \text{withdrawal date} & & \text{disbursed} \end{array} = \text{Earned aid}$$

$$\begin{array}{rcl} \text{Aid that disbursed or} & & \\ \text{could have disbursed} & - & \text{Earned aid} \end{array} = \text{Unearned aid}$$

The school must return:

$$\begin{array}{rcl} \text{Amount of} & & \text{The percent of aid} \\ \text{institutional charges} & \times & \text{that was unearned} \end{array}$$

The student must repay:

$$\begin{array}{rcl} \text{The amount of unearned Title IV} & - & \text{The amount of unearned} \\ \text{aid to be returned.} & & \text{Title IV aid due from the} \\ & & \text{school.} \end{array}$$

If the repayment of funds affects grant dollars received, the student's repayment of these funds will be reduced by 50 percent of the total grant aid.

Students will repay loan funds based on the repayment terms of the promissory note. Repayment of grant funds can be arranged with the school (if paying in full) or with the Department of Education (if a payment schedule needs to be arranged).

If a student withdraws from the first term, but plans to return in Spring term, he/she must submit WRITTEN notification to the Financial Aid Office so that aid may be reinstated and/or revised. If a student fails to notify the Financial Aid Office, the aid will remain cancelled.

FEDERAL POLICY FOR RETURN OF TITLE IV FUNDS

The Financial Aid Office must adhere to federal law when determining the return of financial aid to the financial aid programs.

ACADEMIC PROGRAMS

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

CURRICULUM/DEGREE

AA - Associate of Arts

BA - Bachelor of Arts

Arts and Communication
Letters and Sciences
Education

BBA - Bachelor of Business Administration

BFA - Bachelor of Fine Arts

BM - Bachelor of Music

BS - Bachelor of Science

Arts and Communication
Letters and Sciences
Education

BSE - Bachelor of Science-Education

Business Education
Elementary Education
Secondary Education
Special Education

Pre-Professional Programs

Chiropractic
Dentistry
Law
Medicine
Optometry
Pharmacy
Veterinary Medicine

MAJORS/EMPHASES

(Emphasis areas are indented)

TITLE	DEGREE
Accounting	BBA
Art	
Art Emphasis	BA
Art Education	BSE
Art Graphic Design	BA

Art Licensure	BA
Art History	BA
Fine Arts	BFA
Fine Arts Licensure	BFA
Fine Arts Graphic Design	BFA
Biology	
Biology Honors	BA/BS
Cell/Physiology	BA/BS/BSE
Ecology/Field	BA/BS/BSE
Marine & Freshwater Ecology	BA/BS
Pre-Biomedical Professions	BA/BS
Three Year Pre-Professional	BS
Business Education	
Business Ed	BSE
Business & Marketing Education	BSE
Comprehensive	
Marketing Education	BSE
Chemistry	
Chemistry Education	BSE
Honors	BA/BS
Liberal Arts	BA/BS
Professional ACS Approved	BA/BS
Communication Sciences & Disorders	
Communicative Disorders Education	BSE
Communicative Disorders	BA/BS
Early Childhood Education	BSE
Economics	
Business Policy	BBA
Economics Education	BSE
International Economics	BA/BS/BBA
Public Policy	BA/BS/BBA
Elementary Education	
Elementary/Middle	BSE
English	
English	BA/BS
English Education	BSE
English Writing	BA/BS/BSE
Professional Writing & Book Publishing	BA/BS
Finance	
Finance	BBA
Financial Planning	BBA
Financial Planning Honors	BBA
Insurance	BBA
Insurance Honors	BBA
Real Estate	BBA
Real Estate Honors	BBA
French	BA/BS/BSE
General Business	
Entrepreneurship	BBA
General	BBA
International	BBA
General Management	BBA
Geography	
Geography	BA/BS
Geography Education	BSE
Geology	BA/BS
International/Regional	BA/BS
Quantitative/Techniques	BA/BS
Physical/Environmental	BA/BS
Urban/Suburban	BA/BS

24 ACADEMIC PROGRAMS

German	BA/BS/BSE	Physics	
History		Engineering	BA/BS
History Honors	BA/BS	Graduate School	BA/BS
Public History	BA/BS	Industry	BA/BS
Public History Honors	BA/BS	Physics Education	BSE
History Education	BSE	Political Science	
Human Resource Management	BBA	Political Science	BA/BS
Individually Designed		Political Science Education	BSE
With A Minor	BA/BS	Political Science Honors	BA/BS
Without A Minor	BA/BS	Psychology	
Information Technology Infrastructure	BBA	Psychology Graduate School	BA/BS
Integrated Science/Business	BBA/BS	Preparation	
Integrated Science/Business - Water	BA/BBA	Psychology	BA/BS
Emphasis		Scientist-Practitioner Graduate	BA/BS
International Studies		School Preparation	
Business	BA/BS	Psychology Education	BSE
Foreign Lang & Area Studies	BA/BS	Public Policy & Administration	BS
International Economics	BA/BS	Social Studies - Broadfield	
Public Diplomacy	BA/BS	Economics Option I	BSE
Journalism		Economics Option II	BSE
Advertising	BA/BS	Geography Option I	BSE
Broadcast	BA/BS	Geography Option II	BSE
International	BA/BS	History With Social Studies	BSE
Print	BA/BS	Political Science Option I	BSE
Liberal Studies		Political Science Option II	BSE
With A Minor	BA/BS	Psychology Option I	BSE
Without A Minor	BA/BS	Psychology Option II	BSE
Management Computer Systems	BS/BBA	Sociology	BSE
Marketing		Sociology Honors	BA/BS
Marketing	BBA	Social Work	BA/BS
Direct & Internet Marketing	BBA	Sociology	
Mathematics		Comparative Studies	BA/BS
Applied Mathematics	BA/BS	Criminal Justice	BA/BS
Computer	BA/BS	Global Comparative Studies	BA/BS
Pure Mathematics	BA/BS	Sociology	BA/BS
Math Statistics	BA/BS	Sociology Education	BSE
Mathematics Education	BSE	Spanish	BA/BS/BSE
Multimedia Digital Arts		Special Education	
Art	BA/BS	Early Childhood EEN	BSE
Communication	BA/BS	Cross Categorical Program Cognitive	BSE
Music		Disabilities	
Music	BA	Cross Categorical Program LD/EBD	BSE
Music Ed Choral	BM	Special Education	BSE
Music Ed General	BM	Speech	
Music Ed Instrumental	BM	Electronic Media	BA/BS
Instrumental Performance	BM	Interpersonal Communication	BA/BS
Keyboard Performance	BM	Organizational Communication	BA/BS
Vocal Performance	BM	Public Relations	BA/BS
Theory/History	BM	Theatre	
Occupational Safety		Design/Technology	BFA
Construction Safety	BS	Management/Promotion	BFA
Environmental Management	BS	Performance	BFA
Occupational Ergonomics	BS	Stage Management	BFA
Operations & Supply Chain		Theatre Education	BSE
Management - No Emphasis	BBA	Theatre	BA
Physical Education		Women's Studies	BA/BS
K-9	BSE		
K-12	BSE		
Health, Human Performance	BSE		
& Recreation			

MINORS/EMPHASES

(Emphasis areas are indented)

Accounting
 Advertising
 Anthropology
 Art
 Art Studio
 Art History
 Arts Management
 Asian Studies
 Athletic Coaching Education
 Biology
 Biology Education
 Business Law
 Chemistry
 Communication Sciences & Disorders
 Computer Science
 Criminal Justice
 Forensic Science
 Dance
 Economics
 English
 English Writing
 English Writing - Education
 Environmental Management
 Environmental Studies
 Family & Health Studies
 Finance And Real Estate
 French
 Gender & Ethnic Studies
 General Business
 General Science-Elementary
 Geography
 Geology
 German
 GIS
 Health
 Health Promotion
 History
 History - Elementary
 History-Secondary
 Public History
 Human Services Foundations
 Individualized (A&C) / (L & S)
 Information Technology
 International Studies
 Journalism
 Latin American Studies
 Leadership & Military Science
 Liberal Studies
 Library-Media
 K-12
 Public-Special
 Management General
 Management Human Resource
 Management Production
 Marketing
 Mathematics
 Actuarial Mathematics
 Mathematics
 Mathematics-Elementary
 Multimedia
 Multimedia

Multimedia Design
 Music
 Philosophy
 Physical Science
 Physics
 Political Science
 Legal Studies
 Political Science
 Professional Writing And Book Publishing
 Psychology
 Business
 Psychology
 Public Administration
 Race and Ethnic Cultures
 Recreation Leisure Studies
 Safety Studies Occupational
 Social Studies - Elementary
 Sociology
 Sociology Education
 Spanish
 Special Education
 For Education Majors (Licensure)
 For Non-Education Majors (Non-Licensure)
 Speech
 Elementary Education
 General
 Public Relations
 Secondary Education
 Teaching ESL for Adults
 Teaching ESL
 Teaching ESL/Bilingual-Bicultural
 Theatre
 Urban and Area Development
 Web Site Development & Administration
 Women's Studies
 World Religions

ACADEMIC ADVISING AND REGISTRATION

ACADEMIC ADVISING

For the most up-to-date advising information, students should refer to the Academic Advising website at <http://www.uww.edu/advising/>

ADVISING PHILOSOPHY

Advising is most effective when it is viewed as an ongoing process in which students and advisors work as partners. Students must conscientiously work with their advisors in order to develop comprehensive academic plans that lead to successful career planning. Ultimately, students have the responsibility for their own educational plans and for monitoring all requirements for graduation.

ADVISING RESPONSIBILITIES

STUDENTS are responsible for developing their educational plans by

- Taking initiative to seek advising.
- Monitoring their course of study.
- Understanding and fulfilling all degree requirements.
- Using appropriate student services.

ADVISORS are responsible for providing guidance to students by

- Providing accurate information on requirements and policies.
- Helping students evaluate their academic success and choice of major and minor.
- Supporting and encouraging students as they work to meet their goals.
- Making appropriate referrals to student services.

THE UNIVERSITY is responsible for guiding students to achieve their academic goals by

- Developing a structure within which effective advising can occur.
- Providing appropriate advising support for all students.
- Providing access to academic, personal and career advising.
- Communicating requirements and expectations for graduation.

ADVISING STRUCTURE

All students who are new to the campus (new freshmen and new transfers) must participate in an Orientation, Advising and Registration program. At this program, students will be advised for their first term at UW-Whitewater.

Students admitted under the “special student” classification and online-only students are not required to attend the orientation program or to seek advising assistance.

Readmitted students should contact their assigned academic advisor or the appropriate advising location.

For ongoing advising, freshmen students (students with less than 24 units) and students who have yet to declare a major will be assigned advisors at the Academic Advising and Exploration Center. (Freshmen, transfer, and continuing students in the College of Arts and Communication majoring in Art, Music, Theater/Dance, or Multimedia Digital Arts will be assigned a faculty advisor in their major department.)

After reaching sophomore status (24 units), students who have declared a major will be assisted by advisors within their college or by a faculty advisor within their major department.

Students should contact their advisors for help with course selections, managing academic concerns, and career planning. Students are encouraged to discuss program options such as study abroad, as well as internships or other related work experiences.

Advising Locations:

- Academic Advising and Exploration Center (Roseman 2054, 472-5220)
- College Advising Offices
 - Arts and Communication (Center of the Arts 2029, 472-1934) <http://www.uww.edu/cac/resources/students/advising.html>
 - Business and Economics (Hyland 4300, 472-4900) <http://www.uww.edu/cobe/undergrad/advising/index.html>
 - Education (Winther 2003, 472-1585) <http://www.uww.edu/coe/advising/undergrad/>
 - Letters and Sciences (White 122, 472-1550) <http://www.uww.edu/cls/students/advising/>
- Departmental Offices (Call University Information at (262) 472-1234 for locations and telephone numbers)
- Specialized Advising Assistance
 - Minority Business and Teacher Preparation (Hyland 4302B, 472-3216)

There are many services to assist students with both academic and non-academic concerns. Please review other sections of this Catalog, or visit the UWW website at <http://www.uww.edu/students/>.

ADVISING INFORMATION

The Advisement Report (AR) is the official advising instrument. The AR includes an unofficial transcript followed by a match of a student's academic course history against a prescribed set of degree program requirements. These requirements are based upon the requirement term on a student's record, which is based on the date of declaration, and the requirement term of the requirements on the curriculum file. Students can access their AR on the UWW WINS Student Administration System.

Although the AR will match courses to requirements, it may not monitor all policies related to a student's academic program. Students are responsible for understanding the policies that affect their degree by consulting the University Catalog and by working with the academic advising services as listed above.

DECLARING OR CHANGING A MAJOR OR MINOR

Students with fewer than 24 units (except Art, Music, and Theatre majors), as well as all Undeclared students, process major changes at the Academic Advising & Exploration Center in Roseman 2054.

Students with 24 units or more (declared majors) and all arts majors should begin the process at the department office of their major and then take the form and advising file (if available) to the department office of the new major. (The AAEC in Roseman 2054 is the department office for Undeclared students.)

Business majors, except freshmen, start at the Assistant Dean's Office in the College of Business and Economics (Hyland 4300).

REGISTRATION

Official registration for any session is accomplished only after students have (1) been admitted and granted permission to register, (2) obtained advising as determined by the major department, and (3) completed the process via the WINS Registration system. Students may not attend a course/section without properly registering for it or adding it to their class schedule.

ACADEMIC LEVEL

A student's academic level is determined by the cumulative number of units satisfactorily completed, as follows:

Freshman	0 -23.9 units
Sophomore	24-59.9 units
Junior	60-89.9 units
Senior	90 units or more

SCHEDULE OF CLASSES

Published each term by the Registrar's Office, the Schedule of Classes includes all policies, procedures, courses offered with their requisites, and other information pertinent to registration.

ADD/DROP

Students who participate in priority registration may make schedule changes via the online WINS Registration System through the deadline dates. 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. Additionally, the University reserves the right to close registration before the deadline if its enrollment capacity has been reached.

Students may drop courses through the sixth week of the Fall/Spring term. Short-term courses may be dropped through Friday of the week in which 33% of the course is completed. Drops must be done through the WINS Registration System. Note the fee reduction schedule for dropped courses in the Schedule of Classes, as there may be a charge for any course dropped after the first week of classes.

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. The fifth day of classes will be the deadline for short-term courses and for Summer term courses.

Students will be held responsible for the completion of all courses for which they are registered unless they officially withdraw from the University or officially drop the course(s) by the proper procedures. Students who never attend or stop attending a course are responsible for dropping that course.

COURSE REQUISITES

Prerequisite (prereq) Requirements that need to be met before taking a particular course. For example, ENGLISH 101 is a prereq of ENGLISH 102.

Corequisite (coreq) A course that must be completed prior to, or during the same term as another course. For example, BIOLOGY 120 has a coreq of MATH 141.

Unrequisite (unreq): A course for which credit cannot be earned because the content overlaps with the specified course. For example, HISTRY 355 has an unreq of RELIGST 355.

ACADEMIC LOAD

The average minimum course load to graduate in eight Fall/Spring terms is 15 unit hours. A maximum of 18 units may be taken if students are in good standing. There is a 12-unit maximum for all students in Summer term and a 6-unit maximum for special students without credentials during the regular terms. Students will be limited to 15 units per Fall/Spring term if they have less than a 2.00 grade point average, are admitted on probation. Permission of the dean of the college in which students are enrolled must be received before they can carry more than the maximum units allowed according to their academic standing.

UW SYSTEM STANDARD FOR WORK PER UNIT

The UW System standard for work per unit (credit) is that students are expected to invest at least 3 hours of combined in-class and out-of-class work per week for each academic unit (credit) of coursework. Thus, a 3-credit course will typically require a minimum of 9 hours of work per week (144 hours per semester).

EXCESS CREDIT POLICY

The University of Wisconsin System Board of Regents Excess Credits Policy requires that resident undergraduate students who earn more than 165 credits toward their first undergraduate degree pay a surcharge for all credits beyond 165. The surcharge will approximately double the tuition that resident undergraduates pay and will be applied to students in the term following the one in which they reached the earned credit limit.

The Excess Credits Policy covers all earned credits from UW-Whitewater as well as earned credits from other UW System schools or Wisconsin Technical College System (WTCS) schools that are accepted toward the first baccalaureate degree. Credits transferred from other colleges outside the UW System or the WTCS do not count toward the 165-credit limit. In addition, advanced placement, retroactive credits, credits by examination, and remedial credits do not count toward this limit.

COURSE REPEAT POLICY

UNDERGRADUATE STUDENTS

The privilege of repeating coursework allows students to retake courses in which they initially encountered difficulties. A course can be repeated only once. Students may not take the same course for credit and grade replacement more than once unless the course is identified in the Undergraduate Catalog as "Repeatable." If a course is identified in the Catalog as repeatable, the limitations on the number of times or maximum number of credits may be applied to the major/minor, degree or graduation credits will be indicated.

UW-Whitewater does not guarantee the right to repeat any course. Courses may be deactivated, discontinued, or offered on a different schedule.

Repeating Courses for Grade and Credit Replacement

A course in which a grade of C- or below (C-, D+, D, D-, F or NC) was originally earned may be repeated once for grade and earned credit replacement. The grade and credits earned for the repeated course will replace those earned in the initial attempt when calculating grade point average and credits toward degree. For example, if a student repeats a course in which

a grade of D was earned and receives a B in the repeat, only the B and the credits earned in the repeat will be included in the GPA and credits to degree; if the student receives an F, only the F will be included in the GPA and the student loses the credits for the course. Students may not repeat for credit or grade replacement any course in which they earned a grade of C or higher, or S (see REPEAT FOR NO CREDIT explanation below).

The following conditions apply to repeats for grade and earned credit replacement:

1. Unless the repeat courses are offered S/NC only, all repeats must be taken on a conventional grade basis.
2. Courses taken initially at UW-Whitewater may be repeated only at UW-Whitewater. They may not be taken at another institution to replace the UW-Whitewater grade and credit.
3. Students may repeat a C- grade or below that was earned at a transfer institution if the course has a direct UW-Whitewater equivalent and the course was attempted only once prior to transfer to UW-Whitewater. Students who repeat a transfer course will receive UW-Whitewater course credits regardless of the number of credits the course carried at the transfer institution; for example, a student repeating a 4-credit transfer course with a 3-credit UW-Whitewater course will receive only the 3 UW-Whitewater credits. All other repeat regulations apply.
4. A student may not repeat a course if the student has received credit for a higher level course in the same department for which the course to be repeated is a prerequisite or corequisite. For example, a student who has received credit for English 102 may not repeat English 101.
5. In courses in which there has been a change in the number of credits awarded, a repeat for grade replacement will replace the credits and grade from the first attempt with the credits and grade for the repeat. For example, in a course that had changed from 5 credits to 4 credits, a 5-credit D would be replaced by a 4-credit B.
6. If a student officially drops or withdraws from a repeat course, the original enrollment attempt's grade and earned credits will be reinstated or remain in the student's term and cumulative calculations.

All attempts of repeated courses, including the grades, remain on academic records and transcripts even though they may not be included in the GPA calculation or earned credits. Students should be aware that graduate schools and other institutions to which they might wish to transfer may not accept repeats and may include all grades in calculating GPA for admission.

Student athletes, veterans and international students should check with the appropriate UW-W school officials before repeating courses as it may affect their eligibility or financial benefits.

Appeal for Third Attempt of a Course

Students who wish to enroll in a third attempt of a course must file an approved university appeal. Contact the Registrar's Office ((262)472-1570 or registrar@uww.edu) in Roseman 2032 for information about the appeal process.

Repeat for No Credit

Under certain circumstances, students may need to repeat courses in which a C grade or above was earned. For example, a student may need to repeat a course if a grade of B is required for the student to proceed to a higher level course or to remain in a major. In such cases, repeat grades will be considered only as qualifying students to continue, and the repeats will not be counted for grade replacement or earned credit. All enrollment attempts will be recorded on academic records and transcripts, with the non-credit attempts identified as No Credit.

GRADUATE STUDENTS

Graduate students are allowed to repeat at most two courses in their degree programs. Courses may be repeated only once. When a course is repeated, the original course and grade remain on the transcript; however, the last

grade and units earned replace the original and are the only ones used in computing the overall grade point average and the grade point average in the major or emphasis. Students who have been dropped from a degree program may not use the course repeat process to gain readmission into that degree program.

A course taken for undergraduate credit may not later be changed to graduate credit. Courses taken for undergraduate credit may not be taken for graduate credit, although exceptions may be granted by the degree program coordinator when the field of knowledge has changed to the degree that the course content has changed substantially from the first time the student took the course to the present. Graduate courses may not be retaken unless indicated otherwise in the Graduate Catalog.

AUDITING COURSES

Students who wish to audit courses must obtain the audit registration form from the Registrar's Office, acquire the instructor's written approval (and, in some cases, the department's), and return the completed form to the Registrar's Office by the published deadline to add classes. Students registering for audit courses may do so on a space-available basis and cannot change the courses to graded basis during the term of enrollment. Off-campus courses, College of Business and Economics courses, and Distance Education courses cannot be audited. Auditing of Department of Art and Design courses may be limited.

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, and (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 (Wis Stats 36-27 (2)) will pay 30% of the normal per unit 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, or Wisconsin residents age 60 or over.
2. Students will register on a space-available basis with departmental permission in the week immediately prior to the start of classes. Remedial English (ENGLISH 090) and mathematics (MATH 040 and MATH 041) may not be taken as audit-only.
Note: Auditing of Department of Art and Design courses may be restricted. See department for restrictions.
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 cannot 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 unit 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 Unit Combination Enrollees

Students who are taking a combination of courses for regular credit and

for audit will pay the regular fees for all units based upon the fee chart. The following stipulations will also apply:

- a. The decision to audit must be finalized and recorded by the tenth day of classes for 16 or 17-week courses and by the end of the second class day for shorter courses.
- b. No unit will be granted for the audit course, but an audit (X) symbol will appear on the academic record, provided the instructor reports satisfactory attendance.
- c. The audit course may be repeated for unit in another term.
- d. Audits do not count as units for either veteran benefit certification or financial aid consideration.

SENIORS TAKING GRADUATE COURSES

UW-Whitewater undergraduate students with senior status may be allowed to complete up to 9 graduate units at UW-Whitewater, provided they have completed at least 90 units with at least a 2.75 overall grade point average (or 2.90 over the last half of their course work), have the written recommendation of the department chairperson of their undergraduate major, and have a graduate application on file in the Graduate Studies Office. Students may download this form at <http://www.uww.edu/gradstudies/application.php>.

Eligibility for this privilege must be established with the Graduate Studies Office and is not available to seniors at other institutions or to students who already possess a bachelor's degree. Seniors may not use graduate-level units to satisfy requirements for the bachelor's degree, and undergraduate fees will be charged for their graduate-level work.

LATE ADDS/DROPS

An undergraduate student with extenuating circumstances that merit an appeal for a late add or late drop may petition for such at the department of the course. The approval of the course instructor, the chair of the course, and the dean of the college of the course is required for a late add, and the approval of the course instructor, the chair of the course, and the dean of the college of the student's major is required for a late drop (*Important note: for a late drop, if the student is a veteran, international student, or a student athlete, related signatures as noted on the form are required*). The Late Add and Late Drop forms are available at the department offices.

WITHDRAWAL FROM THE UNIVERSITY

Students who find it necessary to withdraw from all courses and leave the University during a term or session should contact the Registrar's office to initiate a withdrawal. The contact can be done in one of the following three ways:

- Send an email to withdraw@uww.edu, or
- Send a letter by post to:
Registrar's Office, UW-Whitewater
800 W Main St
Whitewater, WI 53190
- Send a letter by fax to (262) 472-1370

The email, letter, or fax should contain the student's full name, 7-digit UW-W ID number, the term (e.g., Fall 2010), and a brief statement indicating the student's intent to withdraw from the term indicated. The withdrawal will be processed as of the date the email was sent, the postmark date of the mailed letter, or the day the letter is faxed to the above number.

- a. If the withdrawal is initiated within the first ten class days of the Fall/Spring term, there will be no academic penalty, but the date of withdrawal will be noted on the student's academic transcript.

- b. If the withdrawal is after the tenth day of classes in a Fall/Spring term or fifth day in the full Summer session, "W" grades will be recorded for each of the courses in which the student is enrolled at the time of withdrawal, and the date of withdrawal will be noted on a student's academic transcript.
- c. If withdrawal is after the tenth day of classes, but the student was enrolled for 6 or more units on the tenth day, a whole or a partial term of eligibility will have been lost for financial aid.
- d. The last day to withdraw from the University is 15 days prior to the end of the Fall/Spring term (exam days included; Saturdays, Sundays, and holidays excluded), as published in the Schedule of Classes.
- e. Withdrawals initiated after the published deadline of the last day to withdraw will result in the student receiving grades of "F" in those courses which are not being passed at the time of withdrawal, and the student may be suspended for not meeting the minimum grade point requirement.
- f. Withdrawal may affect financial aid eligibility.

Failure to officially withdraw when leaving the University may result in students' receiving failing grades in those courses for which they were enrolled. This may cause a problem in an attempt to return to the University or to transfer to another institution. If students must withdraw for medical or family emergency reasons, they may appeal to the Office of Student Life. Information concerning the medical withdrawal process can be found at <http://www.uww.edu/studentaffairs/students/withdrawal.html>.

DEGREE REQUIREMENTS AND GRADUATION

UNDERGRADUATE DEGREE REQUIREMENTS

The University of Wisconsin-Whitewater offers the following undergraduate degrees: Associate of Arts, Bachelor of Arts, Bachelor of Arts-Letters & Sciences, Bachelor of Arts-Arts & Communication, Bachelor of Arts in Education, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science, Bachelor of Science-Letters & Sciences, Bachelor of Science-Arts & Communication, and Bachelor of Science in Education. The University has the right to rescind a previously granted degree if the University becomes aware of information that the degree should not have been granted.

ACADEMIC PROGRAM DEGREE REQUIREMENTS TERM

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

As students enter the University, a requirement term is assigned to their record. They will be held to that set of degree requirements for graduation unless they change majors. Although the University Catalog is published every two years, requirements will be monitored on a term-by-term basis. New students registering for Fall term will be held to the curricular changes approved during the preceding term. If a department or college curricular change is made retroactive (due to unusual circumstances), the responsibility is then assumed by the unit making the change to notify all students affected by that change in a timely manner.

Students have the option of requesting a more current set of academic requirements at any time by reporting to their advising location. However, it is not possible to satisfy an earlier set of requirements without permission from the dean of the college of the major. The requirement term on students' records will be updated automatically as part of the change of major/minor process. All subsequent ARs will reflect the later set of requirements, if the requirements have changed since initial entry into the University.

MINIMUM ON-CAMPUS CREDITS

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

OTHER DEGREE-RELATED POLICIES

Students must take required courses in their major and their minor on a conventional grade basis. The same course units 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 unit requirements for each. The minimum unit requirements must be met for

each major and each minor.

Students are responsible for meeting all degree requirements in effect at the University of Wisconsin-Whitewater at the time of the declaration of their current major unless they interrupt their attendance at Whitewater by an absence of four or more consecutive terms (including Summer), in which case they will be subject to the requirements in effect at the time of reentry. Students may elect to satisfy any newer set of requirements provided they satisfy all of the requirements related to the specific component of the degree program.

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

SECOND DEGREE

Students who have received their first degree at UW-Whitewater may earn a second degree provided that it is not the same as the first degree (e.g., a student whose first degree is a Letters & Sciences BA could not receive a second Letters & Sciences BA degree but would be eligible for a Letters & Sciences BS or Arts & Communication BA). The first degree will be considered to have satisfied all Communication and Calculation Skills, University (General Education), Diversity, and minor (if any) requirements. Students must complete all other degree and major requirements; credits used to satisfy major requirements in the first degree may not be used to satisfy major requirements in the second degree (credits used in a minor(s) may be applied to the new major). Students must complete a minimum of 30 credits at UW-Whitewater after the date of conferral of the first degree, and a minimum of 25% of the major course credits must be completed at UW-Whitewater.

Students who have received their first degree at another institution may earn a second degree at UW-Whitewater following these same regulations, except that the second degree may be the same as their first degree (e.g., a student who has received a Letters & Sciences BS degree at another institution may earn a second Letters & Sciences BS degree at UW-Whitewater).

ADDING ADDITIONAL MAJOR/MINORS TO A DEGREE

Students may fulfill the requirements for an additional 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 must be completed.
2. Course credits used to satisfy the requirements of previous major(s) or minor(s) may not be used, with the exception that credits used in a minor may be used when expanding the minor into a major.
3. The major/minor transfer course limitation may not be exceeded.
4. The course selection must be approved by the department chairperson. A major or minor will not be awarded to a student who has not earned a degree at UW-Whitewater.

BACHELOR'S DEGREE REQUIREMENTS

To be a candidate for the Bachelor's Degree, students must satisfactorily complete the following:

1. A minimum of 120 undergraduate units in courses numbered 100 through 400.

2. University requirements, degree 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 the 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, and a second major may be used in place of a minor.
5. The major department's writing competency requirement. Students should refer to their AR and/or contact their departmental advisor 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-unit 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 units at an accredited 4-year institution after the last unit was earned at a 2-year institution.
8. Participation in a University institutional testing program examination, if requested.

BACHELOR'S DEGREE REQUIREMENTS AT A GLANCE

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

General Education, including:

Communication & Calculation Skills
University Requirements

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 (120) units
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 units, including General Education and diversity requirements, with a 2.00 UW-W cumulative GPA.

GENERAL EDUCATION REQUIREMENTS

PHILOSOPHY OF GENERAL EDUCATION

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

Students are required to complete the General Education Requirements as part of the requirements for graduation. In the Course Listings section later in this Catalog, the letter "G" appearing after a 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 (see Course Listings for details). General Education courses are also listed later in this section.

General Education courses used to satisfy major, minor, or curricular requirements are subject to any specific college restrictions on their use

for these requirements as detailed in this Catalog.

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

The General Education program that went into effect for the Fall 1994 term 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 if they are transferring fewer than 21 credits. Students who transfer in 21 or more credits should consult Credit in Transfer, in the Admission Information section of this Catalog, to determine what General Education Requirements they must fulfill.

GENERAL EDUCATION REQUIREMENTS: 44 units (or appropriate waivers). If Developmental Studies courses English 90 and/or Math 40/41 are required, they must be completed before enrolling in the related General Education course.

1. Communication and Calculation Skills (12 units or waivers)*
 - a. ENGLISH 101 Freshmen English (or waiver)
 - b. ENGLISH 102 Freshmen English
 - OR
 - ENGLISH 105 Freshman English Honors (replaces both English 101 and 102)
 - c. SPEECH 110 Fundamentals of Speech (or waiver)
 - d. MATH 140 Mathematical Ideas or 141 Intermediate Algebra (or waiver)
2. University Requirements (32 units)
 - a. Quantitative and Technical Reasoning (7-11 units)
 1. A 4-5 unit laboratory science designated GL
 2. 3-6 units of science, math or computer science courses designated GL or GM from at least one subject area other than the laboratory science course used in Area 2.a.1 (Astronomy, Biology, Chemistry, Computer Science, Geology, Physical Geography, Math Physics)
 - b. Cultural Heritages (6 units)
 1. GENED 110 World of the Arts
 2. GENED 390 World of Ideas
 - c. Communities (6 units)
 1. GENED 130 Individual and Society
 2. GENED 120 Historical Perspectives OR GENED 140 Global Perspectives
 - d. Physical Health & Well-being (1-2 units)
 1. PEGNRL 192 Personal Health and Fitness for Life
 - e. Electives (8-12 units);
Additional electives designated GA, GE, GH, GI, GP or GS; no more than 1 course from any one subject area may be counted in electives

COMPLETION OF COMMUNICATION AND CALCULATION SKILLS REQUIREMENTS: Students should complete these requirements prior to the completion of 60 units toward graduation. Students who transfer to UW-Whitewater with 60 or more units toward graduation should complete the course(s) within their first term here.

COMPLETION OF DEVELOPMENTAL REQUIREMENTS: Students who are required to take developmental English or Mathematics courses must complete them in their first 30 units.

DIVERSITY REQUIREMENTS

One 3-unit Diversity course dealing with the African-American, Native American, Asian-American or Hispanic experience is required for graduation. In the course listings section later in this Catalog, Diversity courses are identified with that term after the course title. Approved courses are also listed later in this section. 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 electives requirements.

COLLEGE, DEGREE, OR LICENSURE 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.

GPA REQUIREMENTS

Some majors require a certain GPA. Students should check with the department and/or college of their majors for these requirements.

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 unit 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 the course 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 department chair of the course, if the requirement is in the Communication and Calculation Skills area. In selected cases, departments may waive a course in their own department based upon high school background or departmental exam.

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

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

WAIVER OF SPEECH

Speech 110 is waived upon successfully fulfilling the following two requirements which can be attempted only once by each student:

1. Written Examination

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

2. Speaking Requirement

After selecting a topic supplied by the Speech Department, the student will have a minimum of three days to prepare a 5-7 minute persuasive speech.

Three members of the Speech Department will evaluate this speech. If it is decided that the speech is 'B' or better, the student will be waived from Speech 110. Results will be posted the following day at Heide 465.

ENGLISH AND MATHEMATICS COURSE PLACEMENT

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

MATHEMATICS

ACT/SAT I	COURSE
24+/560+	waived from math proficiency
19-23/460-550	Math 140 or 141
15-18/350-450	Math 041
01-14/200-340	Arithmetic Skills Test

ENGLISH

ACT/SAT I	COURSE
30+/680+	English 101 waived, placement in English 102
17-29/430-670	English 101
01-16/200-420	Placement in English 090

Students who are eligible to participate in the Honors Program and have at least a 24 English ACT subscore may enroll in English 105H, which replaces both English 101 and 102 and satisfies the Communication and Calculation Skills writing requirement.

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

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

ASSOCIATE OF ARTS DEGREE

Students may earn an Associate of Arts degree by successfully completing a minimum of 60 units, including the 45 units of the General Education requirements (Communication & Calculation Skills and University Requirements) and the Diversity requirement with a UW-W 2.00 cumulative GPA. The General Education requirements are the same as those for baccalaureate degrees. Students do not need to complete GENED 390 World of Ideas but must complete a GH (humanities) course to complete University Requirements.

15 of the 60 units must be taken in coursework at UW-Whitewater. Students must be enrolled at UW-Whitewater during the term 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 or subsequent to the awarding of a baccalaureate degree. Associate of Arts degree candidates do not participate in the commencement ceremony. There is a graduation fee for the Associate of Arts degree. Students can apply for the Associate Degree in the Registrar's Office.

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 parentheses indicate unit levels other than three units. Some of these courses also satisfy the Diversity requirement (reference the Diversity courses which follow).

ARTS (GA)

General Education Core

GENED 110 World of the Arts

ART

ARTSTDIO 102	2-Dimensional Design
ARTSTDIO 103	3-Dimensional Design
ARTSTDIO 121	Basic Art
ARTSTDIO 201	Drawing I
ARTSTDIO 251	Ceramics I
ARTSTDIO 271	Metal and Jewelry I
ARTHIST 111	Art Appreciation (2)
All art history courses (ARTHIST) at the 200 and 300 level.	

DANCE

DANCE 110	Dance Appreciation (2)
DANCE 141	Contemporary Dance Technique I (2)
DANCE 145	Ballet I (2)
DANCE 243	Improvisation/Sound (2)

MUSIC

MUSC 140	Introduction to Classical Music (2)
MUSC 143	Survey of American Jazz (2)
MUSC 144	Cultural Music of the Americas
MUSC 240	Survey of African American Music
MUSC 241	Survey of Latin American Music
MUSC 244	Native American Music
MUSC 245	Music History I
MUSC 246	Music History II
MUSC 247	Music History III

SPEECH

SPEECH 236	Introduction to Cinema
SPEECH 346	Sound and Image: An Exploration of Sound for/with Visual Media

THEATRE

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

HUMANITIES (GH)

GENERAL EDUCATION CORE

GENED 120	Historical Perspectives
GENED 390	World of Ideas

AMERICAN INDIAN STUDIES

AMERIND 102	Introduction to American Indian Studies
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ENGLISH

ENGLISH 200	Chicano Literature: Historical Context and Contemporary Text
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GENERAL EDUCATION COURSES

ENGLISH 201	Contemporary Chicano Literature	HISTORY 102	Introduction to American Indian Studies
ENGLISH 206	British Literature Survey I	HISTORY 110	History Through Film
ENGLISH 216	British Literature Survey II	HISTORY 124	American History
ENGLISH 226	American Literature Survey I	HISTORY 125	History of Modern America
ENGLISH 236	American Literature Survey II	HISTORY 130	The East Asian Tradition
ENGLISH 251	Classical Myth and Legend as Sources for Literature	HISTORY 131	East Asia Since 1800
		HISTORY 135	Islamic Civilizations
ENGLISH 252	The Bible as Literature	HISTORY 141	Modern Black American History
ENGLISH 263	The Contemporary Novel	HISTORY 150	Atlantic History
ENGLISH 264	Women in Literature: A Feminist Re-Evaluation	HISTORY 154	Western Civilization
		HISTORY 155	History of Modern Europe
ENGLISH 265	Multicultural Literature of the US	HISTORY 165	From Newton to the Nuclear Age: History of Western Science since 1600
ENGLISH 274	Creative Writing		North American Environmental History
ENGLISH 281	Introduction to Language Study	HISTORY 190	American Colonial History to 1763
ENGLISH 321	Ancient Western Literature	HISTORY 300	Revolution and Confederation 1763-1789
ENGLISH 322	Modern Western Literature	HISTORY 301	The Age of Civil War and Reconstruction 1850-1877
ENGLISH 323	Asian Literatures	HISTORY 304	Recent America, 1945 to Present
			Women in American History I: 1600-1875
SPEECH		HISTORY 307	Women in American History II: 1875 - Present
SPEECH 240	Public Speaking	HISTORY 313	U.S. Social History 1865 to Present
SPEECH 359	Rhetoric of the Western World	HISTORY 314	American Indian History
			Modernization in the Middle East
FOREIGN LANGUAGES		HISTORY 316	Introduction to African History
General		HISTORY 324	Early Latin America to 1860
FORNLANG 101	Beginning Japanese I (4)	HISTORY 337	Modern Latin America
FORNLANG 102	Beginning Japanese II (4)	HISTORY 340	History of Mexico
FORNLANG 111	Beginning Arabic I (4)	HISTORY 342	Revolutionary Change in Latin America
FORNLANG 112	Beginning Arabic II (4)	HISTORY 343	Rebellion and Revolution in England, 1066-1688
FORNLANG 141	Beginning Chinese (4)	HISTORY 346	Society and Culture in Modern Britain 1763-Present
FORNLANG 142	Beginning Chinese (4)	HISTORY 347	Renaissance and the Reformation
FORNLANG 202	Intermediate Japanese II (4)	HISTORY 351	American Business History
FORNLANG 203	Intermediate Japanese III (4)		
FORNLANG 211	Intermediate Arabic I (4)	HISTORY 352	
FORNLANG 212	Intermediate Arabic II (4)	HISTORY 355	
		HISTORY 362	
French		PHILOSOPHY	
FRENCH 141	Beginning French (4)	PHILSPHY 241	Introduction to Philosophy
FRENCH 142	Beginning French (4)	PHILSPHY 245	Contemporary Moral Issues
FRENCH 251	Intermediate French (4)	PHILSPHY 247	Bio-Ethics
FRENCH 252	Intermediate French (4)	PHILSPHY 248	Environmental Ethics
FRENCH 321	Advance French Language Study	PHILSPHY 251	Logic
FRENCH 322	Advance French Language Study	PHILSPHY 261	Introduction to Ethics
		PHILSPHY 271	Introduction to Aesthetics
German		PHILSPHY 281	Social Philosophy
GERMAN 141	Beginning German (4)	PHILSPHY 291	Philosophy of the Natural and Social Sciences
GERMAN 142	Beginning German (4)		
GERMAN 251	Intermediate German (4)	PHILSPHY 341	Classical Philosophy
GERMAN 252	Intermediate German (4)	PHILSPHY 342	Modern Philosophy
GERMAN 321	Advance German Language Study	PHILSPHY 343	American Philosophy
GERMAN 322	Advance German Language Study	PHILSPHY 345	Contemporary Philosophy
		PHILSPHY 365	Philosophical & Religious Perspectives on Death & Dying
Spanish			
SPANISH 141	Beginning Spanish (4)	RACE AND ETHNIC STUDIES	
SPANISH 142	Beginning Spanish (4)	RACEETH 150	Atlantic History
SPANISH 251	Intermediate Spanish (4)		
SPANISH 252	Intermediate Spanish (4)	RELIGIOUS STUDIES	
SPANISH 321	Advanced Spanish Language Study	RELIGST 201	Critical Issues in Modern Religion
SPANISH 322	Advanced Spanish Language Stud	RELIGST 211	Introduction to Eastern Religions
		RELIGST 212	Introduction to Western Religions
HISTORY		RELIGST 252	The Bible as Literature

RELIGST 303	Eastern Religious Thought		
RELIGST 330	Women & Religion		
RELIGST 351	Religion in American Culture		
RELIGST 355	Renaissance and the Reformation		
SPEECH			
SPEECH 240	Public Speaking		
SPEECH 359	Rhetoric of the Western World		
NATURAL SCIENCES AND MATHEMATICS			
Laboratory (GL)			
ASTRONOMY			
ASTRONMY 112	Introduction to Astronomy (5)		
BIOLOGY			
BIOLOGY 120	Biological Foundations (4)		
BIOLOGY 141	Biology I: Plant Focus (4)		
BIOLOGY 142	Biology II: Animal Focus (4)		
CHEMISTRY			
CHEM 100	Chemistry for the Consumer (5)		
CHEM 102	Introductory Chemistry (5)		
CHEM 104	Introductory Chemistry (5)		
GEOGRAPHY			
GEOGRPHY 120	Introduction to Weather and Climate (4)		
GEOGRPHY 210	Physical Geography (5)		
GEOLOGY			
GEOLOGY 100	Principles of Geology (5)		
GEOLOGY 101	Elements of Geology (4)		
PHYSICS			
PHYSICS 120	Light and Color		
PHYSICS 130	Physics Foundations (5)		
PHYSICS 140	General Physics I (4)		
PHYSICS 141	General Physics II (4)		
PHYSICS 180	Introductory Physics II (5)		
PHYSICS 181	Introductory Physics III (5)		
PHYSICS 212	Physics for Elementary Teachers (4)		
Non-Laboratory (GM)			
ASTRONOMY			
ASTRONMY 114	Descriptive Astronomy		
BIOLOGY			
BIOLOGY 110	BOB: Biology of the Brain		
BIOLOGY 214	Ecology and Society		
CHEMISTRY			
CHEM 150	Science & Technology in Society		
COMPUTER SCIENCE			
COMPSCI 162	Computer Applications		
COMPSCI 171	Introduction to Programming		
COMPSCI 181	Introduction to Database and the Web		
GEOLOGY			
GEOLOGY 204	Earth and Life History		
GEOLOGY 300	Principles of Oceanography		
GEOLOGY 307			
	Dinosaurs		
MATHEMATICS			
MATH 143	Finite Mathematics for Business and Social Sciences		
MATH 148	Mathematics for Elementary Teacher I		
MATH 152	Elementary Functions (5)		
MATH 230	Introductory Statistics		
MATH 231	Understanding Probability and Statistics		
MATH 243	Short Calculus for Business and Social Sciences		
MATH 250	Applied Calculus Survey for Business and the Social Sciences (5)		
MATH 253	Calculus and Analytic Geometry I (5)		
PHYSICS			
PHYSICS 150	From Einstein to Star Trek		
PHYSICS 240	Physics of Sound and Music		
SOCIAL SCIENCES (GS)			
GENERAL EDUCATION CORE			
GENED 130	Individual and Society		
GENED 140	Global Perspectives		
ANTHROPOLOGY			
ANTHROPL 218	Cultural Anthropology		
ANTHROPL 220	Tombs, Temples and Buried Treasure: Introduction to Archaeology		
ANTHROPL 225	Human Evolution: Introduction to Biological Anthropology		
ANTHROPL 334	Women and Men in Cross-Cultural Perspective		
ECONOMICS			
ECON 201	Principles of Microeconomics		
ECON 202	Principles of Macroeconomics		
ECON 213	Economic Principles for Teachers		
GEOGRAPHY			
GEOGRPHY 250	Geography of Wisconsin		
GEOGRPHY 252	Human Environmental Problems		
GEOGRPHY 261	Geography of Canada and the United States of America		
INTERNATIONAL AREA STUDIES			
INTRNAR 280	Introduction to Australian Studies: Australian Society & Culture		
POLITICAL SCIENCE			
POLISCI 141	American Government and Politics		
POLISCI 217	Ethnic Politics		
POLISCI 246	Law and Society		
POLISCI 247	Issues and Crises in American Politics		
POLISCI 250	Introduction to Political Theory		
POLISCI 255	Introduction to Comparative Politics		
PSYCHOLOGY			
PSYCH 104	Psychology of Human Adjustment		
PSYCH 202	Psychology of Women		
PSYCH 211	Introductory Psychology		

SOCIOLOGY

SOCIOLGY 140	Introduction to Sociology
SOCIOLGY 250	Social Problems
SOCIOLGY 252	Introduction to Family Studies
SOCIOLGY 265	Race and Ethnic Relations
SOCIOLGY 270	The African American Community: A Sociological Perspective
SOCIOLGY 276	Introduction to Criminology
SOCIOLGY 280	Introduction to Australian Studies: Australian Society & Culture
SOCIOLGY 290	Sociology of Pacific Asia

SPEECH

SPEECH 131	Introduction to Mass Communication
SPEECH 232	Foundations of Electronic Media
SPEECH 325	Psychology of Speech
SPEECH 420	Listening Behavior
SPEECH 424	Cross Cultural Communication

WOMEN'S STUDIES

WOMENST 380	Gender and the Law
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PHYSICAL EDUCATION (GP)

HEALTH, PHYSICAL EDUCATION, RECREATION AND COACHING

PEGNRL 103	Beginning Archery (1/2)
PEGNRL 104	Beginning Badminton (1/2)
PEGNRL 106	Beginning Aerobic Exercise and Dance (1/2)
PEGNRL 108	Beginning Bowling (1/2)
PEGNRL 109	Intermediate Bowling (1/2)
PEGNRL 113	Intermediate Aerobics Exercise and Dance (1/2)
PEGNRL 120	Beginning Golf (1/2)
PEGNRL 121	Intermediate Golf (1/2)
PEGNRL 141	Beginning Yoga (1/2)
PEGNRL 142	Intermediate Yoga (1/2)
PEGNRL 143	Beginning Folk Dance (1/2)
PEGNRL 144	Beginning Social Dance Classic (1/2)
PEGNRL 147	Beginning Social Dance (1/2) (Latin & Midwestern)
PEGNRL 149	Beginning Country Western Dance (2)
PEGNRL 150	Beginning Swimming (1/2)
PEGNRL 151	Intermediate Swimming (1/2)
PEGNRL 158	Beginning Skin and Scuba Diving (1)
PEGNRL 159	Beginning Canoeing (1)
PEGNRL 160	Beginning Tennis (1/2)
PEGNRL 167	Beginning Weight Training (1/2)
PEGNRL 170	Beginning Self Defense (1/2)
PEGNRL 175	Beginning Tae Kwon Do: Karate (1/2)
PEGNRL 176	Intermediate Tae Kwon Do Karate (1/2)
PEGNRL 180	Open Water Scuba "Check-Out Dives" (1)
PEGNRL 183	Exercisewalking (1/2)
PEGNRL 187	Military Conditioning I (1)
PEGNRL 190	Swim For Fitness (1/2)
PEGNRL 192	Personal Health and Fitness for Life (1)
PEPROF 251	Water Safety Instructor
PEPROF 291	Lifeguarding (2)

RACE AND ETHNIC CULTURES OR WOMEN'S STUDIES (GE)

RACE AND ETHNIC STUDIES

RACEETH 217	Ethnic Politics
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AFRICAN AMERICAN STUDIES

AFRIAMR 100	Introduction to Black Culture
AFRIAMR 141	Modern Black American History
AFRIAMR 270	African American Community: A Sociological Perspective
AFRIAMR 320	A History of Black Migration in the U. S.
AFRIAMR 396	Current Issues in Black Studies: Social & Behavioral Sciences
AFRIAMR 397	Current Issues in Black Studies: Humanities

CHICANO STUDIES

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

POLITICAL SCIENCE

POLISCI 266	Asian Americans in U.S. Politics
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RACE AND ETHNIC STUDIES

RACEETH 217	Ethnic Politics
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WOMEN'S STUDIES

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

INTERDISCIPLINARY (GI)

INTRAUNV 104	New Student Seminar
INTRAUNV 244	Consumers and Culture
INTRAUNV 246	Business Ethics

CURRICULUM & INSTRUCTION

CIGENRL 214	Informing the Ed Consumer
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COMMUNICATIVE DISORDERS

COMDIS 270	Introduction to Communicative Disorders
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EDUCATIONAL FOUNDATIONS

EDFOUND 243	Education in a Pluralistic Society
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OCCUPATIONAL & ENVIRONMENT SAFETY & HEALTH

SFTYGEN 201	Personal and Public Safety
SFTYGEN 255	Alcohol and Other Drugs

SPECIAL EDUCATION

SPECED 201	Disability in Society
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DIVERSITY COURSES

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

AFRICAN AMERICAN STUDIES

AFRIAMR 100	Introduction to Black Culture
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AFRIAMR 141	Modern Black American History
AFRIAMR 270	African American Community
AFRIAMR 345	African-American Literature, 1800 - Present
AFRIAMR 365*	Black Political and Social Thought
AFRIAMR 392*	African American Families
AFRIAMR 396	Current Issues in Black Studies: Social & Behavioral Science
AFRIAMR 397	Current Issues in Black Studies: Humanities

AMERICAN INDIAN STUDIES

AMERIND 102*	Introduction to American Indian Studies
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CHICANO STUDIES

CHICANO 200	Chicano Literature: Historical Context & Contemporary Text
CHICANO 201	Contemporary Chicano Literature
CHICANO 310	History in the US: 19th Century Roots & 20th Century Development
CHICANO 320	Politics of the Chicano
CHICANO 330	Chicano and Latino American Thought

EDUCATIONAL FOUNDATIONS

EDFOUND 243*	Education in a Pluralistic Society
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ENGLISH

ENGLISH 200	Chicano Literature: Historical Context & Contemporary Text
ENGLISH 201	Contemporary Chicano Literature
ENGLISH 265	Multicultural Literature of the U.S.
ENGLISH 345*	Afro-American Literature, 1800 to Present
ENGLISH 368*	American Minority Women Writers
ENGLISH 369	Multicultural Drama of the United States

GEOGRAPHY

GEOGRPY 430*	Geography of Race and Ethnicity in the United States
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HISTORY

HISTRY 102	Introduction to American Indian Studies
HISTRY 141	Modern Black American History
HISTRY 150	Atlantic History
HISTRY 324	American Indian History

MUSIC

MUSC 144	Cultural Music of the Americas
MUSC 240	Survey of African American Music
MUSC 241	Survey of Latin American Music
MUSC 244	Native American Music
MUSC 450	Survey of World Music

POLITICAL SCIENCE

POLISCI 217	Ethnic Politics
POLISCI 266	Asian Americans in U.S. Politics
POLISCI 365*	Black Political and Social Thought

RACE AND ETHNIC CULTURES

RACEETH 150	Atlantic History
RACEETH 217	Ethnic Politics
RACEETH 285	Asian Americans
RACEETH 368*	American Minority Women Writers

RACEETH 380*	Race, Ethnicity, and Social Justice: Issues for Helping Professionals
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SOCIOLOGY

SOCIOLGY 265	Race and Ethnic Relations
SOCIOLGY 270	The African American Community: A Sociological Perspective
SOCIOLGY 285	Asian Americans
SOCIOLGY 391*	Processes and Patterns of Racial/Ethnic Inequality
SOCIOLGY 392*	African American Families
SOCIOLGY 426*	Minorities and the Criminal Justice System

SOCIAL WORK

SOCWORK 380*	Race, Ethnicity, and Social Justice: Issues for Helping Professionals
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SPEECH

SPEECH 424	Cross Cultural Communication
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THEATRE

THEATRE 369	Multicultural Drama of the United States
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WOMEN'S STUDIES

WOMENST 370	Women: Race and Ethnicity
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* Not General Education Courses

GRADUATION

APPLICATION FOR GRADUATION

Students must complete a written application for graduation in the Registrar's Office no later than the end of the second week of the term in which they expect to graduate. However, it is strongly recommended that they apply at least one semester before the intended graduation date, so changes can be made to their academic record if a problem is identified during the graduation clearance process. Application forms are available in the Registrar's Office. To avoid graduation problems, the AR should be thoroughly reviewed with an academic advisor each term.

If students wish to challenge a final term grade as a graduating student, they must make the challenge within 30 days of the end of the term in which the students are graduating. After the degree is posted, no changes will be made retroactively to the permanent academic record. Any questions should be directed to the Records department of the Registrar's Office at 472-1580.

Students have 30 days from the end of the semester in which they graduate to clear their records for graduation. A student's college will review and approve him or her for graduation. If the deficiencies are not cleared within the 30 days, the graduation date will be moved to the next term.

Students wishing to graduate in December may take a class during Winterim, and students wishing to graduate in May may take a class during the first three weeks of Summer session. This registration falls within the 30 days allowed for students to clear their records for graduation. There cannot be an extension beyond this 30-day limit from the previous term for Incomplete or Progress grades received in Winterim or the first three-week session of Summer session.

GRADUATION FEE

Graduating students will be charged a graduation fee which will appear on their billing statement. The fee is paid to the University Cashier's Office during the term in which the students intend to graduate. The fee is published in the current timetable. The diploma cost is part of the graduation fee. A request for a duplicate copy of the diploma will be processed for a \$25.00 fee, if an exact replica can be obtained from the diploma vendor.

ATTENDANCE AT GRADUATION

A formal commencement ceremony is held at the end of the Fall and Spring terms. Students choosing to participate must attend the ceremony at the end of the term in which their degree is granted and must wear a cap and gown at the ceremony. Students completing their degree with an August graduation date participate in the following December commencement ceremony.

GRADUATION HONORS

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

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

For honors to be acknowledged in the commencement program, students must attain the minimum required UW-W cumulative grade point average before entering their final term and have earned 48 units (counting the final term of enrollment) at UW-Whitewater. Honors maintained and/or earned through the final grading period will be noted on the academic record and on the diploma. It is the student's responsibility to ensure that the 48-unit minimum and the GPA requirements are satisfied.

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

Completing a minimum of 48 units at UW-W with a UW-W cumulative grade point average that meets the requirements as defined for graduation honors above; or

Earning a second degree by completing less than 48 units 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.

GRADING SYSTEM

ACADEMIC RECORDS AND GRADE POLICIES

GRADE POINT AVERAGE (GPA): The grade point average is based on the computation of conventional letter grade units attempted and conventional letter grade honor points earned. It is computed by dividing the honor point total by the total number of units attempted. For example, if students attempted 16 units 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 unit points for each term unit are as follows:

CONVENTIONAL GRADES	HONOR POINTS
A = Superior	4.00
A- = Very Good	3.67
B+= Very Good	3.33
B = Above Average	3.00
B- = Above Average	2.67
C+= Above Average	2.33
C = Average	2.00
C- = Below Average	1.67
D+= Below Average	1.33
D = Poor	1.00
D- = Poor	0.67
F = Failure	0.00

OTHER GRADES

N - No Grade Reported: 0 honor points for each term unit. Computed in the grade point average.

NN - No Grade Reported: 0 honor points for each term unit. Not computed in the grade point average.

I - Incomplete: 0 honor points for each term unit but not computed in the grade point average.

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 term unit and not figured in computing grade point average. It represents a C grade or above in a satisfactory/no credit grading situation.

W - Drop/Withdrawal: 0 honor points and 0 units. It indicates enrollment in the course through the first ten days of the term, or the first five days in a short-term course or Summer session, with a subsequent course drop or withdrawal. Not computed in grade point average.

X - Audit: 0 honor points and 0 units. Not computed in grade point average.

GRADING BASIS

CONVENTIONAL LETTER GRADE: UW-Whitewater course enrollments for conventional letter grades are used in the calculation of the student grade point averages.

SATISFACTORY/NO CREDIT (S/NC): Special permission is not needed to enroll in a course on a satisfactory/no credit basis. The S/NC option may be selected by using the WINS Registration system during the add/drop

period, provided the limitations listed below are followed:

1. The S/NC option will be limited to a maximum of 15 units in an undergraduate degree program. Developmental courses (040 or 090) that do not count toward the minimum units necessary for graduation, and unit courses offered only on an S/NC basis, are not included in the 15-unit limitation.
2. Courses that fulfill a student's major/minor requirements, the lower/upper BBA degree requirements, any College of Business and Economics course attempted by a BBA student, and the General Education core courses may not be taken on an S/NC basis unless the course is offered only on an S/NC basis by the department. Proficiency, General Education option, 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 by the tenth day of class for 17-week courses and by the end of the second day of class for short courses. The decision for S/NC basis for off-campus courses must be made prior to the third class period.
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 units will not be counted in units toward degree or 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.
6. Veterans should refer to the VA Educational Assistance section for information related to this grading option, as it may affect their benefits.

COURSE NON-CAREER (C/NC): Undergraduate students who receive permission to enroll in graduate level courses will automatically be assigned the C/NC grade basis. Upon completion of the courses, students will receive no earned units toward their undergraduate programs, and the grades will not factor into their undergraduate grade point averages. Graduate students taking undergraduate courses are automatically assigned the C/NC grade basis and receive undergraduate credit for the courses, but no units are awarded toward their graduate degrees.

INCOMPLETE (I): If students have been doing passing work until near the end of a term or summer school and then, because of illness or other unavoidable circumstances, are prevented from completing the work, their instructor may give them an "incomplete" and extend to them the privilege of completing the work at a later date. The instructor must give specific directions for the completion of the course on a Contract for Incomplete or Progress Grade and submit it to the Registrar with the final grades. An incomplete course must be completed within the agreed time but no later than the beginning of the exam period for the next term (excluding Summer). Otherwise, the grade automatically becomes an F unless a default grade was submitted by the teacher with the incomplete grade, in which case the default grade will be assigned. If awarded in the term of graduation, the make-up period is 30 days maximum. In no case will students be given an incomplete when, through their own fault, they failed to complete the requirements of

the course on time or failed to report for the final examination as scheduled. If the coursework is not completed in the allotted time and a grade change submitted by the instructor, the incomplete will automatically be changed to an F grade prior to the grading cycle following the deadline.

GRADE CHANGES

Grade Change Forms are used to change a grade or to place a grade for a late added course. They cannot be used to place a W for a course. Grade Change Forms are not to be handled by students; the course faculty must initiate a grade change.

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 a grade is incorrect, the student may act on that belief by taking the following steps in chronological order. A complaint which is timely and 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 the 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 chairperson 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.

TERM HONORS

Students who have earned a 3.40 or above term grade point average with no grade below C (D, F, I, NN, or NC) will be granted Academic Honors for that term. To be considered for Academic Honors, students must have successfully completed a minimum of 12 unit hours of work for the term, at least 9 of which must have been taken on a conventional grade basis.

ACADEMIC STANDARDS

GOOD STANDING, PROBATION, DISMISSAL, REINSTATEMENT AND FORGIVENESS POLICIES

GOOD STANDING

In order to remain in good standing at UW-W, students must have a cumulative GPA of 2.00 or above. Some colleges and/or programs may require a combined UW-W GPA above 2.00 in order to remain in good academic standing in the programs.

ACADEMIC PROBATION

Any student who earns less than a 2.00 cumulative GPA will be placed on academic probation and will be limited to 15 units of enrollment in the following term (excluding Winterim and Summer terms).

NOTE: A student placed on probation must earn a term GPA of 2.00 or higher in the subsequent semester of enrollment. The student will have one additional term (excluding Winterim or Summer terms) to attain a cumulative GPA of 2.00 or higher, or the student will be academically dismissed.

ACADEMIC DISMISSAL

A student will be academically dismissed from the University (ineligible to continue attendance) in the following situations:

1. If a student's term grade point average falls below a 1.0.
2. If a student fails to earn a term GPA of at least 2.00 while on academic probation
3. If after 2 consecutive terms (excluding Winterim and Summer terms) of academic probation the required 2.0 cumulative grade point average has not been met.

REINSTATEMENT FROM ACADEMIC DISMISSAL

A student who has been academically dismissed must be formally reinstated to be eligible to attend classes in a Fall/Spring semester following the one in which he/she is dismissed. A student who is dismissed may enroll in Summer or Winterim classes in an effort to improve his/her cumulative grade point average and academic standing. A dismissed student is not eligible for financial aid for Summer or Winterim classes. Questions about

the reinstatement process can be directed to the Academic Standards Office, Roseman 2054.

A student who has been dismissed at the end of a Fall/Spring semester and wishes to petition for reinstatement must follow the appropriate procedure below that describes his/her situation.

1. A student who has been dismissed for the first time and wishes to continue his/her enrollment in classes during the Fall/Spring semester following the one in which he/she was dismissed MUST...

Submit a complete appeal for reinstatement to the Academic Standards Committee by the proper deadline. If the appeal is approved by the Committee, the student will be reinstated and remain eligible to be enrolled in the next Fall/Spring semester's classes. If the appeal is denied, the student will be ineligible to continue enrollment in the next Fall/Spring semester and must follow the reinstatement procedure listed in #2 below.

2. A student who has been dismissed for the first time and will not be enrolled for classes during the Fall/Spring semester following the one in which he/she was dismissed MUST...

Apply for readmission with the Undergraduate Admissions Office. The Admissions Office must approve the application before the student will be eligible to continue.

3. A student who has been dismissed two or more times and wishes to attend to Fall/Spring semester following the one in which he/she was last dismissed MUST...

Submit a complete appeal for reinstatement to the Academic Standards Committee by the proper deadline. If the appeal is approved by the Committee, the student will be reinstated and remain eligible to be enrolled in the next Fall/Spring semester's classes. If the appeal is denied, the student will be ineligible to continue enrollment in the next Fall/Spring semester and must follow the reinstatement procedure listed in #4 below.

4. A student who has been dismissed two or more times and will not attend the Fall/Spring semester following the one in which he/she was last dismissed MUST...

Submit a complete appeal for reinstatement to the Academic Standards Committee by the proper deadline (the Committee must approve the appeal);

AND

Submit an application for readmission with the Undergraduate Admissions Office by appropriate deadlines (the Admissions Office must approve the application).

UNDERGRADUATE ACADEMIC FORGIVENESS POLICY

With an absence from formalized higher education for a minimum of five consecutive years prior to readmission to UW-Whitewater, students may make a written appeal to invoke the Academic Forgiveness Policy. The appeal, which is made to the Academic Standards Committee, must give reasons for the student's 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 units or terms of enrollment with work academically acceptable to the Committee, before authorizing the implementation of the policy.

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.

ACADEMIC 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.

STUDENT RESPONSIBILITY FOR RECORDS

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

PERSONAL IDENTIFICATION CHANGES

To change or correct personal identification, such as name, birthdate, or social security number, the form "Request for Change of Birthdate, Name, or Social Security Number" must be completed and submitted to the Registrar's Office along with the specified items for documentation. The form is available in the Registrar's Office or online at <http://www.uww.edu/registrar/> in the forms section.

OFFICIAL TRANSCRIPT REQUESTS AND CHARGES

Students may request official transcripts of their academic record by presenting proper identification and signing a request form, or by submitting a written request through the mail. A request form can be accessed at http://www.uww.edu/registrar/official_transcript_request.php. Students may complete this form, print it, sign it, and submit it to the Registrar's address on the form, or fax it, along with a Visa or MasterCard number and expiration date, to (262) 472-1370. Telephone requests are not accepted. Transcripts will not be issued if a student has a hold or outstanding obligation to the University.

There is a \$5.00 charge for each official transcript. The transcript is printed on security paper bearing the Registrar's signature and date. Payment must be received in full before the official transcripts will be released. (The fee

is subject to change without notice.) Same-day transcript processing is available with an additional fee of \$5.00 per official copy.

In order to properly identify the transcript requestor, written notification should include current name, name at the time of last attendance, any other names used, student ID number or social security number, date of birth, first and last dates of enrollment at UW Whitewater, and degrees received. The request must also include the complete address (with zip code) of the location where the transcript should be sent. The written request must be signed by the student. Address requests to: Transcripts, Registrar's Office, UW Whitewater, Whitewater WI 53190.

UNOFFICIAL TRANSCRIPTS

Students may request unofficial transcripts of their academic record by presenting proper identification and signing a request form, or by submitting a written request through the mail. A request form can be accessed at http://www.uww.edu/registrar/unofficial_transcript_request.php. Students may complete this form, print it, sign it, and submit it to the Registrar's address on the form, along with a SELF ADDRESSED STAMPED ENVELOPE. Telephone requests are not accepted. Transcripts will not be issued if a student has a hold or outstanding obligation to the University.

In order to properly identify the transcript requestor, written notification should include current name, name at the time of last attendance, any other names used, student ID number or social security number, date of birth, first and last dates of enrollment at UW Whitewater, and degrees received. The written request must be signed by the student. Address requests to: Transcripts, Registrar's Office, UW Whitewater, Whitewater WI 53190.

Unofficial transcripts may also be obtained by logging into the WINS system from the UW Whitewater homepage. The student will need to know their Net ID and password.

GRADE REPORTS

Students may request official grade reports by presenting proper identification and signing a request form, or by submitting a written request through the mail. A request form can be accessed at http://www.uww.edu/registrar/grade_request.php. Students may complete this form, print it, sign it, and submit it to the Registrar's address on the form, along with a SELF ADDRESSED STAMPED ENVELOPE. Telephone requests are not accepted.

In order to properly identify the grade report requestor, written notification should include current name, name at the time of last attendance, any other names used, student ID number or social security number, date of birth, first and last dates of enrollment at UW Whitewater, the term they are requesting the grade report for. The written request must be signed by the student. Address requests to: Attn: Records, Registrar's Office, UW Whitewater, Whitewater WI 53190.

ACADEMIC AND LEGAL POLICIES

Interpretations of the Family Educational Rights and Privacy Act of 1974 (also known as FERPA or the Buckley Amendment) have important implications for the handling and releasing of student education record information by campus offices and school officials. FERPA applies to the “education records” (see next paragraph for definition) of “students.” “Students” are defined as those individuals who are or have been enrolled in classes (credit and/or non-credit) at the University. FERPA does not apply to records of applicants for formal admission to the University who are denied acceptance or, if accepted, do not enroll in classes for credit. In addition, rights are not given by FERPA to students enrolled in one component of UW-Whitewater who seek to be admitted in another component (e.g., a student enrolled in an undergraduate program, but is denied admission to a graduate program, does not have any FERPA rights in the graduate program which denied him/her admission).

“Education records” are those UW-W records that are directly related to a student and that are maintained by the University or by a school official who serves the University in an administrative, supervisory, academic, research, or support staff position (including student employees or agents of the University, persons/companies with whom the University has contracted, persons serving on official campus committees, or persons assisting other school officials in performing their tasks).

FERPA indicates that UWW “education records” do not include:

- Sole possession records. Records of instructional, supervisory, administrative, and certain educational personnel which are in the sole possession of the maker and are not accessible or revealed to any other individual except a substitute who performs on a temporary basis the duties of the individual who made the records.

Important exception: Notes taken in conjunction with any other person are not “sole possession records”. Sharing information with another person or placing information where it can be viewed by others makes it an “education record” and subject to FERPA.

- Law enforcement unit records. Records maintained by a UWW law enforcement unit that were created by that unit for the purpose of law enforcement.

Important exception: Placing law enforcement records where they can be viewed or accessed by others outside the law enforcement unit makes them “education records” and subject to FERPA.

- Employment records. Records relating to individuals who are employed by UW-W which are made and maintained in the normal course of business and relate exclusively to individuals in their capacity as employees, and are not available for any other purpose.

Important exception: Records of students who are employed as a result of their status as UW-W students are “education records” (e.g., work-study, graduate assistants) and subject to FERPA.

- Doctor-patient privilege (medical) records. Records relating to a student which are (1) created or maintained by a physician, psychiatrist, psychologist, or other recognized professional acting in his/her professional capacity or assisting in a paraprofessional capacity; (2) used solely in connection with the provision of treatment to the student; and (3) not disclosed to anyone other than individuals providing such treatment, so long as the records can be personally reviewed by a physician or other appropriate professional of the student’s choice.

- Post-attendance records. Records that contain only information relating to a person after that person is no longer a student at UW-W (e.g., information gathered on the accomplishments of alumni).

UW-Whitewater, in accordance with FERPA, has designated the following categories of information about individual students as public “directory information.” This information will be routinely released to any inquirer unless the student formally requests that it be restricted:

- Student name
- Address
- Email address
- Telephone number
- Dates of attendance (including term units carried and full-time/part-time status)
- Classification (e.g. sophomore, senior, graduate student)
- Major/minor/degree program
- Degrees and dates of graduation including anticipated graduation dates
- Previous institutions attended
- Awards and academic honors
- Participation in officially recognized sports and activities;
- Physical factors (weight and height) of members of athletic teams.

A student has the right to restrict the release of all of the above directory information. A student who wishes to do so must complete and file the “Request to Prevent Disclosure of Directory Information” form in the Registrar’s Office, Roseman Building room 2032. The restriction will remain in effect until the student files written notification with the Registrar’s Office to have it removed. A student who has ceased attending UW-W, and whose directory information was not restricted in his/her last term of attendance, does not have the right to restrict the release of directory information until such time as he/she re-enrolls at the University.

A student who is considering restricting the release of his/her “Directory Information” should weigh carefully the consequences of doing so. If a student decides to inform the University not to release his/her directory information, future requests for such information from non-University persons or organizations will be refused. For example, UW-W would not release enrollment verification information to the student’s health insurance provider or a prospective employer, and the student’s name would not appear in the commencement booklet.

In addition to the items listed above, UW-Whitewater has designated photographs and images that are taken of students at University-sponsored activities as information that may appear in University publications, brochures, etc. without the written consent of students.

CONFIDENTIALITY OF STUDENT EDUCATION RECORDS AND STUDENT ACCESS TO EDUCATION RECORDS

The essence of FERPA can be summarized by the following two points:

- CONFIDENTIALITY – School officials must protect the privacy of education records and shall not disclose personally identifiable information about a student or permit inspection of the student’s records without his/her written consent unless such action is covered by certain exceptions permitted by FERPA. The student’s written, signed consent must:
 - o Specify the records to be released;

- o Identify the party or class of parties to whom the records should be released;
- o Indicate the reason for the release.

A consent form can be downloaded from the web at: <http://www.uw.edu/registrar/> (under the FERPA section, click on “Authorization to Release Records”).

- ACCESS – A student must be permitted to inspect his/her own education records (see “Student Access to Education Records” section for information about the process for inspecting education records). FERPA provides the student the right to:
 - o Inspect and review his/her education records;
 - o Request an amendment to the education records if he/she believes there is an inaccuracy;
 - o Restrict the release of his/her “Directory Information” from public access;
 - o File a complaint with the U.S. Department of Education if he/she feels the University has failed to follow FERPA guidelines. The name and address of the office that administers FERPA is: Family Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-4605.

CONFIDENTIALITY OF STUDENT EDUCATION RECORDS

FERPA generally prohibits the release of confidential personally identifiable student data, with limited exceptions that include “Directory Information” (see below), without the student’s written, signed consent.

Personally identifiable student data, other than “directory information” for students who have not restricted its release, are confidential. Examples of confidential information include, but are not limited to, ID number, social security number, date of birth, ethnicity, gender, country of citizenship, percentile ranks, class schedules (including meeting times and locations), grades, and grade point averages.

Parents have no inherent or legal rights to inspect or receive information about their children’s education records, regardless of age, without the written consent of the student.

FERPA provides certain exceptions for the release of personally identifiable education record information without the student’s written consent. These exceptions include:

- “Directory Information.” (A list of student directory information items is cited in an earlier section of this document.)
- “Legitimate Educational Interest.” Personally identifiable education record information may be disclosed without the student’s written consent to UW-W school officials who are determined to have a “legitimate educational interest” – a right to know and a need to know (i.e., the information is necessary to fulfill the official’s professional responsibility to UW-Whitewater). Legitimate educational interest means:
 - o The official must seek the information within the context of his/her professionally assigned University responsibilities; and
 - o The information sought must be used within the context of official University business.

Disclosure of education record information to a UW-W school official having a legitimate educational interest does not constitute institutional

authorization for that school official to transmit, share, or disclose any or all of that information to a third party. A disclosure of personally identifiable information from the education record of a student, without the student’s written consent, is prohibited unless the disclosure meets one of the specific exceptions cited in FERPA as outlined in the following section.

- Education record information may be disclosed without the student’s written consent in the following instances:
 - a) To the student.
 - b) If it is “directory information” and the student has not restricted its release.
 - c) If properly subpoenaed pursuant to a judicial, legislative, or administrative proceeding, provided UW-Whitewater will make a reasonable attempt to notify the student of the subpoena, in cases where FERPA applies, prior to the release of the information.
 - d) In connection with the student’s application or receipt of financial aid as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms or conditions of the aid.
 - e) In connection with audits or evaluation of federal or state supported educational programs requiring disclosure of information.
 - f) To effect collection of past due financial obligations to the University.
 - g) To attorneys representing the University when the data on the student is deemed necessary for the defense of the University in a suit filed by the student.
 - h) To schools in which the student seeks or intends to enroll.
 - i) To authorized representatives of the Comptroller General of the United States, the Attorney General of the United States, the Secretary of the Department of Education, or state or local educational authorities.
 - j) To the Veterans Administration to determine compliance with educational assistance.
 - k) To organizations conducting studies for or on behalf of the University.
 - l) In connection with a health or safety emergency as determined by the University.
 - m) In connection with a crime of violence or a non-forcible sex offense. The University has the discretion to disclose the final results of any disciplinary proceeding against a student who is an alleged perpetrator of a crime of violence or a non-forcible sex offense if, as a result of that disciplinary proceeding, the University has determined that the student in fact committed the crime or offense. The definition of “final results” is limited solely to the name of the student, the violation committed, and any sanction imposed by the University on that student. Only where a victim or witness has provided written consent may the University disclose the name of that student.
 - n) The University may disclose to a student’s parent or legal guardian information regarding any drug or alcohol violation (whether pursuant to federal, state, or local law or institutional policy) where the student is under 21 years of age and the University has determined the student has committed a disciplinary violation.

UW-W school officials conducting research using student education records may be required to explain the use of the records in writing. Student organizations that need confidential information about their members may be required to obtain the signatures of all members on a form explaining how the information is to be used (the signatures must be obtained before the information will be released).

School officials who have access to student education record information assume the legal responsibility for protecting the privacy and security of the information.

STUDENT ACCESS TO EDUCATION RECORDS

The student will have access to education records directly related to him/her that are maintained by the University, or any of its agents, and to which FERPA applies.

A student may request access to review and inspect his/her education records by writing to the University official (i.e., registrar, dean, department chair, or other appropriate UW-W person/office) responsible for the records. The written request must indicate the records the student wishes to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the official to whom the request was submitted, that official shall advise the student of the correct person/office to whom the request should be addressed, and it becomes the student's responsibility to submit the request to that person/office. Upon receipt of the written request, the University has 45 days to comply. FERPA does not provide the student with the right to access certain records, including:

- i. Sole possession records
- ii. Parents' financial records used for financial aid purposes;
- iii. Confidential letters and statements of recommendation placed in the student's record prior to January 1, 1975, or confidential recommendations to which the student has given prior written waiver of access and which are used for job placement, admission, or award purposes;
- iv. Law enforcement unit records;
- v. Certain employment records;
- vi. Doctor-patient privilege (medical) records;
- vii. Post-attendance records.

A student has the right to request an amendment of his/her education record that is believed to be inaccurate. However, FERPA was not intended to provide a process to be used by the student to question substantive judgments that are correctly recorded. The FERPA rights of challenge are not intended to allow a student to contest, for example, a grade in a course because he/she felt a higher grade should have been assigned. FERPA is intended to ensure the factual and accurate nature of the information in the student's educational records and the student's right to verify that information.

In those cases where FERPA intended to provide a student the right to request an amendment to an education record, the student should write the University official responsible for the record, clearly identify the part of the record s/he wants changed, and specify why it is inaccurate. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of this right.

In the process of challenging the education record information, the student may wish to have copies of appropriate documents in his/her education record file. The University may assess the student a reasonable per copy fee for such documents. This charge does not apply to copies of the student's official academic transcript (there is a \$5.00 charge for each official transcript; the fee is subject to change at any time). A request for a copy of any document in an education record will be denied if the student has a hold/service indicator on his/her records that prevents the release

of the official academic transcript, or if the document is a transcript of an original or source document which exists elsewhere.

If UW-Whitewater decides, as a result of a hearing, not to amend the education record in accordance with the student's request, the student may place a written statement in the record commenting upon the information therein, and/or setting forth any reason for disagreement with the institutional decision not to amend the record. Such a statement will become part of the student's education record and will be disclosed with it.

The student has a right to file a complaint with the U.S. Department of Education concerning alleged failures by UW-Whitewater to comply with the Family Educational Rights and Privacy Act.

DECEASED STUDENT EDUCATION RECORDS

FERPA rights cease upon a student's death. Accordingly, the disposition of UWW education records pertaining to a deceased student is not a FERPA issue but a matter of institutional policy. UW-W does not permit the release of education record information of a deceased student for 25 years after his/her death unless authorized by the executor/executrix of the deceased student's estate, or the student's parents, or the student's next of kin if the student's parents are also deceased and an executor/executrix has not been appointed. However, deceased student educational records may be shared with UW-W school officials who have a legitimate educational interest as defined in earlier sections of the FERPA policy. Records may also be made available for UW-W research purposes.

ACADEMIC MISCONDUCT

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

STUDENT DISCIPLINARY PROCEDURES

Complete copies of the University of Wisconsin-Whitewater Student Non-Academic Disciplinary Procedures (Administrative Code UWS Chapter 14 and UWS Chapter 17) are available on the UW-Whitewater Web page at <http://www.uww.edu/handbook/student/>.

For information, regarding these procedures, contact the Office of Student Life at (262) 472-1533.

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

In serious situations where the student is incapacitated and temporarily unable to perform the aforementioned responsibilities, family members may contact the Office of New Student Programs & First Year Experience (phone (262) 472-3205) for assistance with these matters. The New Student Programs & First Year Experience office would then provide notification (not verification) of the absence to the instructors involved. However, arrangements for make-up work, make-up exams or possible assignment adjustments are entirely the responsibility of the student. The Student Health Service and the New Student Programs & First Year Experience offices do not provide excuses for absences from class due to illness.

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

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 to 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 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, and should explain the problem, reasons for dissatisfaction with the 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).

ABSENCES

The notifying of instructors and arranging of make-up work in cases involving absence of students from class are the responsibility of the student. A student who is absent should notify instructors by phone or in person

of the absence as soon as possible. If contact with instructors cannot be made directly, the student should see that a note is placed in each instructor's mailbox, explaining the nature of the situation and inquiring about the effect of the absence on the student's course work. If that is impossible, the student should call the academic departments involved.

In serious situations where the student is incapacitated and temporarily unable to perform the aforementioned responsibilities, family members may contact the Office of New Student Programs & First Year Experience (phone (262) 472-3205) for assistance with these matters. The New Student Programs & First Year Experience office would then provide notification (not verification) of the absence to the instructors involved. However, arrangements for make-up work, make-up exams or possible assignment adjustments are entirely the responsibility of the student. The Student Health Service and the New Student Programs & First Year Experience offices do not provide excuses for absences from class due to illness.

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

ABSENCE FOR UNIVERSITY-SPONSORED EVENTS

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

ACCOMMODATION OF RELIGIOUS BELIEFS

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

1. Students shall be permitted to make up an examination or other academic requirement at another time or by an alternative method, without any prejudicial effect, where:
 - a. There is a scheduling conflict between the students' sincerely held religious beliefs and taking the examination or meeting the academic requirements; and,
 - b. The students have notified the instructor, within the first three weeks of the beginning of classes (within the first week of Summer session and short courses), of the specific days or dates on which they will request relief from an examination or academic requirement.
2. Instructors may schedule a make-up examination or other academic requirement before or after the regularly scheduled examination or other academic requirement.
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 Diversity and Equal Opportunity Compliance (Hyer Hall, Room 330, Phone (262) 472-1072).

NON-DISCRIMINATION STATUTES RELATIVE TO UNIVERSITY OF WISCONSIN-WHITWATER STUDENTS

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

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

The Title IX Coordinator for UW-Whitewater is the Assistant to the Chancellor for Affirmative Action and Equal Opportunity (phone (262) 472-1072). 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. Stats. 36.12 or Title IX must be brought forward to the Office for Equal Opportunity within 300 calendar days of the alleged violation.
2. If a complaint is made informally and orally only, the appropriate response would be oral by way of discussion, guidance, mediation or other informal action. If a formal investigation is warranted or desired, the complaint shall be in writing.

III. PROCEDURES AND REMEDIES FOR VIOLATIONS.

1. The Office for Equal Opportunity (OEO) will be responsible for:
 - a. Reviewing each complaint.
 - b. Providing procedural advice and counsel to the complainant, including referring the complainant to another process, if appropriate (as for example, if the issues in question are more properly handled as a grade appeal or a general grievance).
 - c. Conducting the initial investigation of complaints, including receiving written response(s) by the person(s) complained against.
2. Where the Office for Equal Opportunity refers a complainant to another relevant complaint or grievance procedure, further action on the matter will be taken in accordance with that other procedure.
3. Where the Office for Equal Opportunity retains jurisdiction and determines after investigation that no discrimination in violation of Wis. Stats. 36.12 or Title IX has occurred, the complaint will be dismissed by the OEO, and the complainant and any other interested parties will be so advised.
4. Where the Office for Equal Opportunity determines after investigation that discrimination in violation of Wis. Stats. 36.12 or Title IX has occurred, the OEO may:
 - a. Attempt to resolve the matter through mediation among the involved parties; or
 - b. Recommend remedial action to eliminate the discrimination to the appropriate administrators; or
 - c. Refer the matter for appropriate review and consideration of possible action under established disciplinary procedures, where misconduct by faculty, staff, or students appears to be involved.
5. The Office for Equal Opportunity will complete its investigation and make written findings of facts and recommendations in a timely manner upon 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 be done 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, 1990) states that “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.” This is reinforced by the Americans with Disabilities Amendments Act (2009).

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 the ADA Compliance Coordinator (employment and non-employment), 330 Hyer Hall, (262) 472-1072.

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 students 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 PARTICIPANTS IN RESEARCH

Federal law and University policy require that all research projects involving human participants be designed as much as possible to protect the rights of the participants. This pertains to projects for classes on research methodology, independent studies, and thesis research. Prior to initiation of the work, each proposal involving human participants and its provisions for their protection must be reviewed and approved by the Institutional Review Board for the

Protection of Human Participants (IRB). This includes surveys. Research which has not been reviewed and approved by the IRB will not be covered by UW-Whitewater liability insurance.

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

All IRB forms and guidelines can be obtained from the Office of Research and Sponsored Programs, 2243 Andersen Library. Please contact this office at (262) 472-5212 with questions and document requests.

provides free legal advice to students one afternoon per week by appointment. Contact the WSG Office, University Center, (262) 472-1471, for more information.

CARE AND USE OF LABORATORY ANIMALS

All students involved in the care or use of animals and all facilities used for such animals must operate within the guidelines of the Guide for the Care and Use of Laboratory Animals. Copies of the Guide and other pertinent materials may be obtained from the Office of Research and Sponsored Programs, 2243 Andersen Library, (262) 472-5212.

STUDENTS CALLED TO MILITARY SERVICE

Students called to active service during the course of a semester must choose one of the following options before departing for active service:

- Any student called to active service during the course of a semester may elect to withdraw from the University with a full refund of all academic tuition and segregated fees and the prorated refund of board and room fees. Under this circumstance, no course credit and no course grades will be awarded.
- Students called to active service on or prior to the last date to drop a full-term course (end of the sixth week) must withdraw with the full refund of academic tuitions and segregated fees and the prorated refund of board and room fees.
- Students called to active service after the last date to drop a full-term course (end of the sixth week) may elect to take the grade of "Incomplete" in all courses. The time period allowed to satisfy the Incomplete Contracts would not, under this circumstance, begin until the date of release from active service. At any time within six months of the date of release from active service, the student may elect to withdraw from the University for the term in which he/she was called to active service. Students who elect this alternative are not eligible for the refund of academic tuition and segregated fees, but are eligible for the prorated refund of board and room fees.
- Students called to active service after the last permissible day to withdraw from the University, as published in each semester's Schedule of Classes, may elect, with the permission of the course instructor, to accept the grades earned to that day in each of their courses. Under this circumstance, normal University policy for the award of "Incomplete" grades would apply. The time period allowed to satisfy Incomplete Contracts would begin at the date of release from active service. Students who elect this alternative are not eligible for the refund of fees.
- Students called to active service are guaranteed readmission upon the completion of active service. Any questions regarding the above process should be directed to the Registrar's Office: (262) 472-1580.

LEGAL SERVICES

The Legal Services Program of the Whitewater Student Government

This is a partial list of campus emergency procedures. See <http://emergency.www.edu/Topics.aspx> for further information on these procedures and

CAMPUS EMERGENCY POLICIES AND PROCEDURES

others.

FIRE

In case of fire, activate the nearest fire alarm. Take appropriate precautions to assure your personal safety, and evacuate the building by the nearest safe exit. Do not use elevators.

If persons with disabilities cannot safely evacuate, assist them to a safe location near a building exit and notify emergency personnel of their location. Refer also to Building Evacuation for Individuals with Disabilities, below.

Once outside, move to a clear area that is at least 500 feet away from the affected building. Keep streets and walkways clear for emergency vehicles and crews.

Call 911. Give your name and the exact location of the fire (building, floor, room, etc). Be sure to stay on the phone until released by the emergency operator.

Do not return to an evacuated building unless authorized by emergency personnel.

INCLEMENT WEATHER

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

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

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

TORNADO WARNING

A TORNADO WATCH/SEVERE WEATHER WATCH means a tornado is likely to develop. Be alert to changing weather situations and be prepared to take action if upgraded to a WARNING.

A TORNADO WARNING means a tornado has been spotted in your area. Immediate action may be the difference between life and death.

If you receive notification of a TORNADO WARNING or spot a tornado, move to a designated tornado shelter area (look for a tornado shelter sign) or an interior hallway of the building, as quickly as possible. Stay away from windows and areas with large expanses of glass. Protect your head and face. If possible, get under a sturdy table or other structure.

Do not take shelter in auditoriums or gymnasiums, as the roof may collapse during a tornado. Do not use elevators.

Call 911 for emergency needs only during this time.

If persons with disabilities cannot safely move to shelter, assist them to an interior hallway away from windows and areas with large expanses of glass.

BUILDING EVACUATION FOR INDIVIDUALS WITH DISABILITIES

Persons with disabilities who are able to exit a building during a fire or emergency should do so. Those who cannot exit a building safely should go to the nearest exit or preferred area of rescue to await the arrival of emergency personnel, police, or fire department.

Individuals with mobility impairments who are on the ground floor may be able to exit unassisted. Needs and preferences of a person who is non-ambulatory may vary.

Individuals with visual impairments should follow regular evacuation procedures. Those who are not thoroughly familiar with the immediate surroundings should ask another person for guidance to the nearest emergency exit. The person providing assistance should guide the individual as they walk, describe the pathway and any obstacles, and orient them to the surroundings when they have reached a safe place.

Individuals with hearing impairments may not readily perceive auditory emergency alarms, however there should be visual strobe alarms. They could receive emergency communication through a written note stating the emergency and directions to the nearest emergency exit, or by another person flashing a light switch on/off to gain the individual's attention and indicating by gestures or in writing the nature of the emergency and how to proceed.

Service animals should remain with their owners at all times, including during any evacuation.

SPECIAL ACADEMIC OPPORTUNITIES

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

Through enrollment in honors courses and entry into individualized honors work, students are able to explore subject matter areas in greater depth than would otherwise be possible. For those who come to the University seeking the maximum return for their educational investment, the University Honors Program offers an excellent means of matching interests and skills with University expertise. The end results can be both personally and professionally rewarding.

Students active in the Honors Program are afforded opportunities to participate in study abroad programs, undergraduate research, and a variety of social and cultural activities which will augment their formal educational experience. Field trips, participation in undergraduate research, the Upper Midwest Honors Council and National Collegiate Honors Council, and social interaction with other talented and motivated students combine to provide the University Honors Program participant with opportunities for enriching experiences beyond the laboratory or classroom setting. Entering freshmen eligible for honors courses and continuing students in good standing in the program are extended registration preference in recognition of their exceptional academic achievement.

In addition to the enhanced educational opportunities presented by the University Honors Program, students who successfully meet all specified requirements are privileged to graduate with a University Honors designation. This achievement is both personally gratifying and of importance as students seek professional employment or admission to graduate schools.

University Honors Program students must maintain a cumulative grade point average of 3.40 or better and complete honors courses and/or honors option work.

Students will be recognized as University Honors Program Scholars upon the completion of either Honors in General Studies or Honors in the Major. Students may complete either or both tracks.

A. Honors in General Studies (21 Honors Credits)

Core Curriculum:

Fall ENGLISH 105, GENED 140 or 120, GENED 110

Spring GENED 130, SPEECH 424

Fall and Spring SPEECH 110, GENED 390

Core substitution using Honors Option (up to 6 credit replacement limit and/or other listed below)

Other Credit: New student seminar, undergraduate research, travel study, service learning, independent study

B. College and Departmental Honors (department requirements will vary)

Core Curriculum:

Course sequence of at least 9 credits

Specifically designed honors sequence or

Honors Option linked to courses

Capstone experience

Senior Honors Day presentation capstone project

University Honors Program students should not go two consecutive terms without completing an honors course or an H-option contract. All University

Honors Program requirements and regulations must be met and adhered to throughout the time of enrollment.

ELIGIBILITY REQUIREMENTS

Entering freshman students are eligible to become members of the University Honors Program if they meet these criteria:

1. Graduated in the top 10% of their high school class AND attained an ACT composite score of 24 or greater.
OR
2. Graduated in the top 25% of their high school class AND attained an ACT score of 28 or greater.
OR
3. Highly recommended with letters of nomination by high school counselor and at least one teacher.

Information and application forms may be obtained from the University Honors Program Center at Andersen Library or at <http://acadaff.uww.edu/Honors/honorsforms.htm>.

UNIVERSITY LEARNING COMMUNITIES

Learning communities are a group of students that opt to learn together with peers around a common theme. This program provides students with the opportunity to explore an interest integrated across multiple courses usually from the core curriculum. Many learning communities center upon potential majors allowing freshman students to explore their interest toward the program of study. In addition, many communities live together on a common floor in a residence hall. Students may also participate in interest groups that do not include a residential component or may participate at a commuter student. Learning communities are lead by faculty and staff coordinators. The list of opportunities change annually. Students may sign up at <http://www.uww.edu/admissions/learningcommunity/>.

UNDERGRADUATE RESEARCH

The Undergraduate Research Program offers students the chance to excel in scholarly and creative enterprises outside of the classroom. Student researchers have the opportunity to advance their research skills by working closely with professors in their research or designing their own research projects, becoming actively involved in creating new knowledge in their disciplines. Whether the research problem is artistic, social, political, scientific or applied, student researchers choose the tools, gather the data, and present their analysis. UW-Whitewater has a national reputation in undergraduate research, with terrific student researchers and a commitment to providing them with first-rate opportunities. In particular, the university provides grants for research projects and funding to attend conferences to present research.

INTERNATIONAL EDUCATION

The Center for Global Education provides advisement and assistance to students who are interested in pursuing an international education experience abroad (semester-long study abroad or exchange programs, short-term travel study program and student teaching abroad).

UW-Whitewater provides many study abroad options that are designed to meet students' diverse academic and personal needs. Programs vary in location, length, level, academic focus, language requirements, and cost. Each program consists of academic study with an appropriate cross-cultural learning experience in a foreign country. Both financial aid (need-based) and scholarships (merit-based) are available for many programs.

UW-Whitewater has exchange program relationships with universities in the following countries: Australia, England, Finland, France, Germany, Ireland, Japan, Mexico, the Netherlands, Sweden, and Switzerland.

In addition to the above, a variety of short-term travel study course options are offered each year. Travel study courses involve combined academic study and travel in various countries. Students typically travel from ten to twenty-one days. Future teachers may also complete up to half of their student teaching experience abroad in Australia, Jamaica, Mexico, or Sweden.

Prior to participation in study abroad programs, it is important that students contact the Admissions Office Transfer Credit Advisor regarding the transferability and applicability of credit earned abroad. According to University of Wisconsin System policy, coursework from accredited international universities and study abroad programs offered at or via accredited United States post-secondary institutions may be accepted as transfer credit, provided that credit transfer determination is made prior to the study abroad experience. No transfer credit units will be granted on the basis of a transcript furnished by a commercial study tour. No transfer credit units will be granted to students who fail to study abroad via the established and approved UW-W Study Abroad guidelines. All study abroad participation plans must be approved in advance and prior to departure for the experience abroad. For more information about study abroad options and program requirements, please contact the Center for Global Education, Suite 1227, Hyland Hall, Tel. (262) 472-5759, or via the web at www.uww.edu/international.

YOUTH OPTIONS

The Youth Options Program allows public high school juniors and seniors who meet certain requirements to take postsecondary courses at UW-Whitewater on a space-available basis. Interested students must fill out a Program Plan and Report Form (PI-8700A) to notify the school board of the intent to participate in the program. Students must also complete a UW System On-line Application for admission and submit high school transcripts. After being accepted, students will be notified about course advising and registration. The Admissions Office must receive all application materials by July 1 for the Fall term and December 1 for the Spring term. For more detailed information concerning admission into the Youth Options Program, see the Admission Information section.

VETERANS ADMINISTRATION (VA) EDUCATIONAL ASSISTANCE

The Registrar's Office (472-1580) is the certifying office for Federal and State veterans' benefits at the University of Wisconsin-Whitewater. The DVA has a toll free number (1-888-442-4551) and an e-mail address (stlrpo@vba.va.gov) available for individual inquires. In addition, County Veterans Offices are available for assistance at each county seat.

Students should direct questions concerning Federal and State veterans' educational benefits to the Veterans' Office in the Registrar's Office or visit the office web page at www.uww.edu/registrar/vets/. Students must meet with the Veterans' Coordinator to set up their benefits program and should be sure to bring along their discharge certificate (DD214) and any other pertinent paperwork.

TRAINING TIME*	UNITS PER TERM UNDERGRAD	GRAD
Full Time	12	9+
3/4 Time	9-11	5-8
1/2 Time	6-8	4
1/4 Time	1-3	3

3/4 = Three-quarters (75%) of full time benefits payable on a monthly basis.
1/2 = One-half (50%) of full time benefits payable on a

monthly basis; tuition and fees only for certain chapters.
-1/2 = Less than one-half time; tuition & fees only

**8-week courses will affect the training times above.*

Students must be enrolled more than half-time and enrolled in at least one in-residence course in order to receive the Post-9/11 BAH.

Students receiving the State waiver of tuition and enrolled half-time or less may not receive their Federal GI Bill. Contact the Veterans' Office for further information.

STATE BENEFITS

State benefits include the Wisconsin GI Bill, the Veterans Education (VetEd) Reimbursement Grant, and the National Guard Reimbursement Grant.

Effective with the 2009-2011 state budget, changes were made to the Wisconsin GI Bill. Refer to <http://gibill.wisconsin.edu> for the most up-to-date information on these changes and how they affect state benefits for veterans and their dependents.

Information, applications, and instructions for the Wisconsin GI Bill and VetEd Grant are available in the Registrar's Office or on the WDVA website (http://dva.state.wi.us/PA_brochures.asp).

Information on the National Guard Grant is available in the Registrar's Office.

FEDERAL BENEFITS

For detailed information concerning federal benefits, students should visit the VA web page at www.va.gov. In addition to the monthly GI Bill, benefits may also include tutorial assistance if there exists a documented deficiency in any subject required for completion of a degree program. Students should contact the Veterans' Office for an application.

Refer to the Undergraduate or Graduate Catalog for the academic performance criteria that are expected from all University of Wisconsin-Whitewater students, including those individuals receiving VA benefits. In addition to those rules and regulations, veterans who are receiving VA benefits should be aware of these stipulations:

Short (8-wk) courses could affect your benefits.

Taking a course on a satisfactory/no credit basis may result in an overpayment of benefits for that term if the veteran receives no credit for the course. Courses taken off campus or at another school may not count toward the enrollment certification. If taking courses at two schools concurrently, veterans must check with the Veteran's Coordinator if they wish to use benefits at both schools.

Audit units do not count as units for benefit certification purposes.

A repeat enrollment of a "D" grade may not count for benefit level determination, nor will repeats for no credit.

The University is **required** to notify the VA of any change of enrollment and/or withdrawal in order to determine the effect on future and past benefit eligibility. Unless veterans claim "mitigating circumstances," they may be liable for repayment of the benefits. Veterans should contact the Veterans' Coordinator to determine the effects of a change before that action is taken, and if "mitigating circumstances" can be claimed, file a statement of those circumstances. Veterans may be required to return benefits paid for pursuit of the course or courses, from the start of the term, not from the date the course was dropped or the withdrawal was processed.

If called to active duty, contact the Veterans' Office for the correct procedure and assistance.

Any questions concerning the above information should be directed to the Veterans' Office in the Registrar's Office.

ANDERSEN LIBRARY

ACADEMIC SUPPORT

Andersen Library provides an innovative learning environment that takes full advantage of emerging information technologies while preserving traditional formats and services. The Library's homepage (<http://library.uww.edu>) is the gateway to all of its resources, both print and electronic. Its more than 2 million items include books, electronic books, print journals, electronic journals, databases, indexes, audio-visual items, camcorders, laptops, and electronic readers. Electronic resources such as databases (including reserve items) are accessible 24-7 by our registered students on and off campus. In addition, students can freely borrow from other University of Wisconsin libraries using the "Universal Borrowing" function in the common online catalog system. The physical facility is Wi-Fi enabled. Microsoft Office and other common applications are installed on most public workstations to accommodate the multitasking interests of students. Group study rooms, many equipped with audio-visual facilities, white board, and online capability, provide collaborative space for team work. Laptops, camcorders, computer gaming consoles, electronic readers, and portable projectors are available for presentation practices. Comfortable and varied seating abounds throughout the three floors. Floors one and three are reserved for quiet study, and the second floor is a talking floor for groups or casual conversation. A wide-screen TV adjoins the Food For Thought café, and displays on wide-ranging topics enhance the library experience. A childrens' area on the main floor has books, games, TV and CDs that is open to the public. Co-curricular interests are supported by extensive collections of DVDs, CDs, graphic novels, audio books, and computer games. A computer gaming room can be reserved by faculty and students. The friendly reference librarians are on hand most hours that the library is open to assist any students who need help in their research. More than 300 library instruction classes are offered each semester. Trained 'tech helpers' provide hardware and software assistance Sunday through Thursday evenings. Virtual reference assistance is available 24-7.

Library hours during the Fall and Spring semesters, when school is in session, are:

Mondays - Thursdays	7:30 a.m. - 2:00 a.m.
Fridays	7:30 a.m. - 6:00 p.m.
Saturdays	9:00 a.m. - 5:00 p.m.
Sundays	1:00 p.m. - 2:00 a.m.

For other hours, as well as additional information about what the library can offer, please consult <http://library.uww.edu>.

TEXTBOOKS

The University provides basic textbooks for undergraduate students on a rental basis. The rental cost is included as a part of the fees students pay for registration each term. Textbooks may be picked up at designated times at the Textbook Rental, located in Moraine Hall. Graduate students are required to purchase their textbooks from the University Bookstore and are not assessed a rental fee. Students should 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 departments.

The College of Arts and Communication maintains an Arts Media Center. While the Arts Media Center collections (sound recordings on LP

and compact disc, recorded opera on DVD and 35mm art slides) serve primarily to support teaching within the Departments of Music and Art and Design in the College of Arts and Communication, the sound recordings collections also serve as a campus music resource and are available for use in the Arts Media Center by all faculty/staff/students as well as members of the local community. The facility features a listening/viewing/study area with multiple dedicated listening stations for CDs, LPs, audiocassette tapes and online music databases, and one viewing station for playback of videocassettes, and DVDs.

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, such as Career & Leadership Development 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 as well as 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 twenty-eight students each year, one-half juniors and one-half seniors. Students are expected to participate in the program for up to two years.

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

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

LATINO STUDENT PROGRAMS

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

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

or graduate school.

For further information, contact Ramon Ortiz the Interim Director of Latino Student Programs, 105 McCutchan Hall ((262) 472-1913) or email ortizr@uwv.edu.

MINORITY BUSINESS PROGRAM

The Minority Business Program (MBP) is designed to support increased recruitment, retention, and graduation rate of ethnic minority students who pursue majors and careers in business. MBP provides an array of activities, the purpose of which is to:

- enhance multicultural students' awareness of career opportunities in business.
- increase the undergraduate enrollment and graduation of multicultural students who have business majors.
- provide opportunities for multicultural 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 advising 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 Minority Teach Preparation Program (MTP) is a specialized support program, and is a cooperative effort with the College of Education. Its mission is to provide opportunities and educational experiences designed to increase the academic success of multicultural students interested in pursuing careers in teacher education.

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

For more information, contact the Director of the Minority Business and Teacher Preparation Programs, 4302 Hyland Hall ((262) 472-3216).

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 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.

For assistance in writing, students may schedule appointments in the Writing Center, where they work one-on-one with qualified tutors. Also, students may enroll for two units in English 091, an individualized writing workshop which meets in the Writing Center twice a week. Computers are available for word processing. For assistance in math, students may consult tutors in the Math Center on a walk-in basis. For study skills, students may consult with a staff specialist or enroll in "Study/Academic Survival Skills" for three units. For assistance in reading college-level texts, students may enroll for three units in "College Reading," or they may consult the staff reading specialist.

Although most students use services at the TC 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.

Students can make appointments either by calling (262) 472-1230 or by visiting the TC office in the lower level of McCutchan Hall, where additional information and brochures are available. Both voluntary visits and direct referrals are generally more successful if made before serious problems develop. Tutoring is available from 9:00 a.m. to 9:00 p.m. Monday-Thursday; 9:00 a.m. to 3:00 p.m. Friday and 5:00 p.m. to 9:00 p.m. Sunday in McCutchan Hall. Sessions are available at other times and places by arrangement. Up-to-date information on current programming and schedules may be viewed on the TC website: www.uwv.edu/tutorial/

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 are submitted to the Academic Standards Office. The Director is available to provide information on academic policies, and registration procedures, to assist students in selecting courses of study consistent with their personal and career ambitions, and to refer students to other campus offices for academic assistance.

CENTER FOR COMMUNICATIVE DISORDERS

The Center for Communicative Disorders, located in Roseman 1010, offers assessment, intervention, prevention, and consultation services for members of the campus community their families, and general public who have questions/concerns about their speech, language, hearing, voice, fluency, social skills, learning, reading, writing, and/or assistive communication devices. We also serve individuals who have communication challenges as the result of brain injury, stroke, autism spectrum disorders, hearing loss, and cognitive or learning disabilities. For further information, please contact the Department of Communication Sciences and Disorders at (262) 472-1301 or e-mail comdis@uwv.edu.

UNIVERSITY MARKETING & MEDIA RELATIONS

University Marketing and Media Relations is responsible for enhancing the

image and visibility of UW-Whitewater through a wide range of services, including media relations, institutional marketing, publications, photography, publication design, Website management, off-campus printing and copy services.

University Marketing and Media Relations responsibilities include:

- Coordination and approval of all university marketing, advertising and external communication campaigns and communication
- Coordination and approval of all publications and video productions directed toward an external audience
- Final review of all press releases
- Coordination of all university press conferences
- Oversight of any other university public and/or media relation event as directed by the Chancellor.

Faculty, staff, and students may submit ideas for possible news stories to University Marketing and Media Relations at (262) 472-1195 or ummr@uww.edu.

ADULT RESOURCE CENTER

The Adult Resource Center (ARC) is located in the Warhawk Involvement Center and serves all University students. The Center is open weekdays and serves University students in a variety of ways. It provides 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 programs throughout the year. Program themes range from stress management to career planning. Most of all, the Adult Resource Center is a place for students to drop their bags, put up their feet, take a break from their hectic day and get to know some fellow students. For further information, call (262) 472-5786.

Instructional, Communication and Information Technology (iCIT) is responsible for the technology infrastructure for the UW-Whitewater campus and provides access to online resources through the campus web site: <http://www.uww.edu>.

The UW-Whitewater Web site is the starting point for students to access many resources, including:

- Online registration, course catalogs, and class schedules
- “How To” training materials
- Online courses
- Syllabi and course materials
- Personal e-mail account and Web-based personal calendar
- Information about UW-Whitewater activities and operations
- Student billing and online payments

All UW-Whitewater students receive a University e-mail account. The University e-mail system is Web-based, accessible from on or off-campus via <http://post.uww.edu>. E-mails for academic coursework and official University business are sent via the campus system, so it is important that students use their University e-mail account.

iCIT manages campus general access (GA) computing labs, open to all students more than 90 hours per week. The GA lab facilities provide access to computers, office application software and discipline-specific software for use in academic coursework. Internet access and print services are available from all lab computers.

Several Collaboratories are available in the GA labs; which are designed to give students space and equipment to work together on group projects. In addition, the GA labs feature group workstations to accommodate team computing. The Media Lab includes specialized equipment for high quality color printing, video editing, and a sound booth for audio work. Finally, students may check out audio-visual equipment from the GA labs.

The UW-Whitewater Technology Support Center Helpdesk, located in Andersen Library 2000, will answer questions, troubleshoot problems, and provide solutions regarding the use of campus technology services. Assistance is provided in person, over the phone (call (262) 472-HELP (4357) via e-mail at helpdesk@uww.edu, and through the Web site: iconnect.uww.edu.

iCIT provides support for a campus-wide course management system called Desire2Learn (D2L). Currently over 85% of the course sections use D2L in some component of the course, either offering supplementary activities or conducting the course completely on-line.

UW-Whitewater also participates in iTunes U to deliver online podcasting for courses, technical training, and other learning resources.

UW-Whitewater's wireless network is available across campus, including all academic buildings, residence halls, and common gathering areas. iCIT also provides a program called 4U (<http://www.uww.edu/4u>) that makes laptop and desktop computers available to students for purchase at highly competitive prices.

For students of all majors, iCIT provides employment opportunities, which include real-world work experience and development of technology and customer service skills.

Learn more about these and other iCIT services online at <http://www.uww.edu/icit>.

STUDENT SERVICES

Website:	http://uc.uww.edu
Information Center:	(262) 472-1170
Ticket Center:	(262) 472-2222
FAX:	(262) 472-3900

The James R. Connor University Center (UC) is a gathering place for the campus community. It is a great place to attend various programs, work on group projects or study individually, shoot a game of pool, go bowling, grab a snack or enjoy a full meal, attend a movie, meet with a student organization, participate in an art activity, or just meet up with friends. Activity thrives in the UC!

Students find the UC's many offices and services carefully designed to meet their needs. They will find study and social lounges, conference rooms, resource centers, dining areas and more.

The UC also provides a number of employment opportunities for students. Positions range from Information Attendants to Building Managers, from Set-Up Crew Managers to Graphic Artists. These positions give students professional experience in their areas of study. They also get to work with other students, faculty, and staff to gain many new insights into how campus departments work together. Some positions are also arranged for students to earn academic units.

Come to the new University Center and join in what it has to offer. We hope to "See You At The UC!"

CAREER AND LEADERSHIP DEVELOPMENT (UC 146)

These offices, which include the Warhawk Involvement Center and Bailey Interview Center, work to help students and student organizations integrate and develop inside and outside the University community.

WARHAWK INVOLVEMENT CENTER (UC 128)

The Warhawk Involvement Complex houses many multicultural student organizations and four resources centers, and welcomes all student organizations to come develop and communicate with each other by providing a large and comfortable workspace with many resources.

CATERING SERVICES (UC 253A)

From coffee to an elaborate banquet, the Catering Office can accommodate your needs. This service is available year-round. Request catering or view menus at any time by going to uww.catertrax.com.

DOWN UNDER (UC 59)

The Down Under features a stage for various forms of entertainment with surrounding booths, tables, and chairs.

HAMILTON ROOM (UC 164)

The Hamilton Center is designed to hold large events like job fairs, conferences, award ceremonies, and others. It can be reserved for weddings and other special events. The capacity is 550 or 325 seated with round tables.

HAWKCARD/UC ADMINISTRATION OFFICE (UC 250)

The University provides all students with a HawkCard (University ID Card). A student's HawkCard is required for use of University food services, a Purple Point account, and much more. The HawkCard contains the name of the University, the student's name and photo, and a bar code and electronic encoding of the student's ID number. It will be used during the entire time a student is enrolled at UW-Whitewater. It can be used for proof of enrollment, if required, which entitles a student to a number of

special privileges and services.

Students should visit the HawkCard office to report lost or stolen cards or go to the HawkCard website (uc.uww.edu/hawkcard) for other HawkCard-related business. A fee is assessed for all replacement cards. This office also handles the primary business functions of the UC.

INFORMATION SERVICES (UC 159)

Provides campus information, sells tickets for various events, hosts the campus lost and found, and provides convenient services such as purchasing stamps or sending faxes and making copies.

FIRST YEAR EXPERIENCE (UC 245)

First Year Experience coordinates new student orientation programs (Plan It Purple), Peer Mentor programs, New Student Seminar sections, and programs to new students to help freshmen connect with peers, faculty, staff, and the community.

OLD MAIN BALLROOM (UC 275)

This large ballroom has dividable walls and a service elevator. It serves as a beautiful space for various campus and community events. The capacity is 400 or 150 seated with round tables.

WARHAWK ALLEY (UC 48)

Warhawk Alley is the campus location for bowling, billiards, darts, game consoles, and other fun social activities. Warhawk Alley offers many specials and free entertainment for students!

RESERVATIONS (UC 253)

Reservations serves as a place to reserve rooms in the UC and other campus locations. The UC has facilities for conferences, banquets, and special events for as few as four people and as many as 550.

ROBERTA AVONN FISKUM ART GALLERY (UC 158)

This gallery provides art exhibits and free workshops for students, faculty, staff, and the surrounding community to view. It features four to six shows each semester and offers experiential art programs and hands-on work experience for student gallery assistants. All exhibits and programs are free and open to everyone.

SUMMERS AUDITORIUM (UC 76)

The Summers Auditorium is a multi-function theater with acoustical panels, full surround sound, widescreen projector, and seating for 230. The Auditorium features movies for one dollar through SEAL, in addition to many other events.

UNIVERSITY DINING SERVICES

UW-W Dining Services offers a variety of convenient facilities to meet customers' dining needs. From made-to-order grilled items and gourmet sandwiches to salads and homemade bakery goods, Dining Services has the means to satisfy your appetite.

DINING AREAS

Willies 360° (UC 160)

Willies 360° is the University Center's coffee shop serving Alterra coffee, teas, smoothies, baked goods, and grab-and-go items.

Down Under Servery (UC 75)

The Down Under features from from Uno Due Go. Stop by for a fresh pizza, calzone, slider or quesadilla!

Graham Street Café (UC 173)

Offers panini sandwiches, salad shakers, and parfaits along with two fresh

hot Zoup soups daily.

Ike Schaffer Commons (UC 176)

For breakfast, the Commons serves made to order omelets, features a cereal bar, and has hot entrees that change daily. At lunch time, choose from many different styles of cuisine, there's something exciting everyday! The Commons includes many tables and soft furniture around a cozy fireplace.

UW CREDIT UNION (UC 72)

The UW Credit Union is a student-friendly, full-service financial institution. Services include free checking, ATM/VISA, Debit Cards with unlimited withdrawals, auto, student loans, low fixed-rate credit cards, home loans, and free online banking. As an added convenience to student and community groups, UW Credit Union employees are available to give on-site Financial Education Seminars on a variety of financial topics including budgeting, credit, financial aid, preventing fraud and ID theft, and more. All UW students, faculty, staff, community members who live or work in a five-mile radius and their immediate family/household members automatically qualify for membership.

RESIDENCE LIFE

OVERVIEW

The mission of the Office of Residence Life is to provide quality, accessible housing and to promote student learning and personal success in an inclusive, engaging community. Live! Learn! Engage!

The Office of Residence Life administers thirteen, smoke free residence halls that can accommodate approximately 3,800 students. Residence halls range in size from 200 to 600 residents and offer a range of living options such as coed halls, coed floors, coed wings, upper-class floors and halls, substance free floors, The Global Village, and Learning Communities. Many of the residence halls also sponsor tutoring in their building to support student learning. Residents traditionally will be assigned to standard double rooms. Single rooms are offered as space is available or to accommodate documented medical necessity.

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 rec rooms and meeting rooms. All residence hall students are invited to use the computer labs in the residence halls. All rooms have one data port per student for network access, and wireless network access.

Starin Hall, a suite style residence hall opened in the Fall of 2010. The 4-person suites offer private bedrooms for each resident, a common space and a bathroom/shower within the suite. This building features many unique characteristics to support our campus accessibility initiatives as well as sustainability efforts.

STAFF

Each residence hall is administered by a Professional Masters-level Complex Director and a graduate student Assistant Complex Director. A Resident Assistant (RA) lives on each wing and assists students with the residential living, learning experience. Custodians work hard in each building to keep public area facilities clean and attractive. 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. Leadership Involvement Teams in each building work with the staff to plan many different activities such as dinners, diversity related

programming, floor competitions, movie nights, intramural teams, study skill programs, and speakers to present a variety of topics.

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

The Office of Residence Life is the largest student employer on campus and is often recruiting for many positions such as RA, desk receptionist, student custodian, clerical assistant, graphic artist, grounds crew worker, and many others. Students seeking information about these positions, or any aspect of Residence Life, should feel free to call for more information or refer to the Residence Life web site at www.reslife.uww.edu.

RESIDENCY POLICIES

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

APPLICATION PROCEDURE

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

Additional information about University-owned residence halls is available by calling the Office of Residence Life at (262) 472-4255 or visiting the Residence Life web site located at www.reslife.uww.edu. Questions may also be emailed to reslife@uww.edu.

WHITewater STUDENT GOVERNMENT

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

Structurally, the Whitewater Student Government consists of an executive branch and the Student Senate. The Senate meets every Monday at 7:00 pm in the University Center Room 259. Everyone is welcome.

By meeting the responsibilities given to it by state law 39.09(5), 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 in University Center 61. The telephone number is (262) 472-1166, and the FAX number is (262) 472-5097.

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, CDs, bargain books, study aids, test preparation guides, and course-related titles are available in the book department. For the convenience of all, students may charge purchased textbooks to their student bill. The Bookstore conducts a Book Buyback (cash for books) during exam week each May and December. In the supply department, students can purchase binders, notebooks, paper, electronics, and general school supplies. In addition, Video games, DVDs, cards, sundries, and stamps are available. Jackets, shorts, sweatshirts, backpacks, and T-shirts are also popular items. Class rings, caps and gowns, gift cards, and check cashing are services provided by Bookstore staff. You may also place orders on the website at www.uwhitewaterbookstore.com and customize gifts and apparel on www.uwhitewater.customfanshop.com/.

UNIVERSITY HEALTH AND COUNSELING SERVICES

Ambrose Health Center	
Health Services	(262) 472-1300
Counseling Services	(262) 472-1305

The University Health and Counseling Services (UHCS) provides comprehensive services and referrals for a variety of concerns related to students' physical and mental health. Services are available on campus to all currently registered UW-W students from 8:00 a.m. until 4:30 p.m., Monday through Friday, with some special outside hours to cover immunizations or campus emergencies. UHCS staff are committed to quality service and provide a wide array of health education programs and consultation to groups across campus.

Health Services, staffed by physicians and nurse practitioners offers consultation and treatment for minor injuries and illnesses, as well as

- Laboratory tests and medications
- Allergy shots and immunizations
- Contraceptive services
- Diagnosis and treatment of sexually transmitted diseases
- Assistance for students with chronic illnesses and/or physical disabilities, including PT
- Smoking cessation and nutrition counseling
- Phone consultation
- Referrals to specialists
- Massage therapy

UHCS does not provide vision correction exams or dental care. It refers students requiring specialty health care to specialists within the community. Professional services in health or counseling are free, but there is a charge for medications, medical supplies, procedures, physicals, immunizations, and lab tests. Payment for care outside UHCS is the financial responsibility of the student.

A Wellness Resource Center offering brochures, computer programs, DVDs, videos, CDs, and audiotapes is available in the lobby. Materials may be checked out at no charge. The UHCS web site is available to students 24 hours a day at www.uww.edu/uwcs. Numerous educational programs are provided for students throughout the year.

Health insurance is recommended. A policy has been endorsed by University of Wisconsin System. Information about the policy is available at UHCS or its web site. Hospital care is available in Fort Atkinson, Janesville, or Elkhorn when needed. Students experiencing life-threatening situations

should contact the Whitewater Rescue Squad by dialing 911. UHCS is not an emergency facility, but can assist in securing transportation to a hospital for students requiring hospital care.

Counseling services include individual and group counseling (primarily short term) for UW-W students dealing with any number of personal issues. In addition, consultation is available to faculty, staff, and students.

Counseling services are provided at no cost by professional psychologists, social workers, and counselors, as well as supervised graduate-level counselors-in-training. If immediate or direct services are not available here, counselors can help the student find an appropriate community resource. Students with ANY personal concerns (adjustment to college, relationship issues, alcohol and drug issues, depression, stress management, self-esteem, roommate problems, eating disorders, sexuality issues, sexual abuse or assault, or just wanting to feel better about life) are encouraged to ask for help at UHCS. A 24-hour Crisis Line at (800) 368-1587 is available for all students through Walworth County Human Services. ALL SERVICES AT UHCS ARE CONFIDENTIAL.

CAREER AND LEADERSHIP DEVELOPMENT

Most students take advantage of the services of Career and Leadership Development as they develop their career plans, prepare their job search strategy, and seek intentional ways to get involved on campus. Staff assist students throughout their career development process, work with students seeking to develop their leadership skills, and help students develop the skills, behaviors and attitudes needed to succeed in the world of work. Career & Leadership Development offers numerous educational and social programs and events designed to connect students with each other and the campus at large. Students may meet individually with Career & Leadership Development staff to talk about various career and developmental issues.

WOMEN'S CENTER

The UW-Whitewater Women's Center is a supportive community dedicated to fostering women's individual empowerment through educational programs, resources, and referrals.

The Women's Center collaborates with UW-W students, faculty, staff, and the larger community on programs designed to increase awareness about issues affecting women.

The Center is a place where women and men can work to address diverse needs, interest, and concerns, including the promotion of equality by challenging imbalances of power based on sexism and other forms of oppression. Students on campus can also receive information and referrals in matters relating to a wide range of gender issues.

The Women's Center is located in the Warhawk Involvement Center, UC 127. It is open from 10:00 a.m. to 7:00 p.m. Monday through Thursday and 10:00 a.m. to 3:00 p.m. on Fridays. For more information, call the Women's Resource Center at (262) 472-1471.

CHILDREN'S CENTER

The University offers a high-quality preschool program for two to eleven year old children of students, faculty/staff, and community families. Full-day and part-day schedules are available to suit parents' work and study times on and off campus for children ages twelve months up to six years old. The Children's Center also serves as a teacher-training site, is state-licensed, and is accredited by NAEYC. The Center is open daily from 7:30 a.m. to 5:30 p.m.. For information regarding curriculum, registration and fees visit our website, <http://www.uww.edu/childrenscenter/> or call:

Holly McFaul, Director
 UW-Whitewater Children Center
 800 W. Main St, 1035 Roseman
 Whitewater, WI 53190
 (262) 472-1768

THE CENTER FOR GLOBAL EDUCATION

The Center for Global Education is responsible for the management and administration of international student services, education abroad programs, and the Travel Study Program. The Center, in cooperation with Departments and Colleges, develops international academic exchange relationships and manages a variety of reciprocal student exchange programs around the world. The Center also provides orientation for new international students and assists these students with personal, academic, and immigration advisement, housing placement, and socio-cultural concerns after arriving at UW-Whitewater. The Center also serves as the official host for international visitors to UW-Whitewater and coordinates cultural and social programs that bring together global and domestic populations via events and programs like the International Dinner, the Host Family Program, and International Education Week. For more information, please contact the Center for Global Education, Suite 1227, Hyland Hall, Tel. (262) 472-5759, or via the web at www.uww.edu/international.

CENTER FOR STUDENTS WITH DISABILITIES

Andersen Library 2002
 (262) 472-4711 (V/Relay/TTY)
<http://www.uww.edu/csd/index.html>

The Board of Regents of the University of Wisconsin System has given the UW-Whitewater campus 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. Staff members in the Center for Students with Disabilities are available to provide a wide variety of services to meet both the ordinary and unique needs of students with disabilities.

Students must apply for services through CSD by completing an application and submitting appropriate documentation. Students are encouraged to apply for services at least 8 weeks prior to the start of the term of enrollment. Qualified students will develop an individualized academic accommodation plan with CSD. Services include, but are not limited to:

- Pre-enrollment interview, evaluation, and orientation.
- Alternative testing, ALS interpreters, C-print, captioning, adaptive technology, alternative media, note-taking assistance, etc.
- Transportation for academic and non-academic events (available for a fee).
- Assistive Technology Center,
- Physical therapy offered through the University Health & Counseling

Center.

- Adapted recreation and athletics including wheelchair football, basketball, volley ball, soccer, and track and field offered through recreation sports.

Project ASSIST is a fee-for-service program for students with disabilities and a component of the Center for Students with Disabilities. The program is designed to support students in their pursuit of a university degree without compromising academic standards. By teaching specific learning strategies and self advocacy, Project ASSIST enables students become independent, successful learners. Services include:

- one-to-one tutoring and drop in tutoring
- study skills support
- small group work
- organizational and time management tutors
- consultation with faculty and staff
- referral to campus resources

A four-week Summer Transition Program is offered for incoming freshman with disabilities. Students are enrolled in 4 credits of university coursework and participate in a variety of programming to promote academic success at the university level. Students live and learn at the UW-W campus during the four weeks. This is a fee based program. Contact CSD at (262) 472-4711 for more information or visit the CSD website (<http://www.uww.edu/csd/index.html>).

UNIVERSITY POLICE

The UW-Whitewater University Police Department is a full-service law enforcement agency providing 24-hour, year-round police protection and services to the campus community. Fourteen sworn police officers and one non-sworn employee staff the department.

The mission of the University Police Department is to provide pro-active, professional, and personable services to all persons within the community through planning, education, and enforcement. The Department is committed to upholding the rights of all persons guaranteed under the United States Constitution, and the state laws, codes, and UW System regulations. The Department pursues these goals through a community-oriented approach, providing programming, event planning, development of prevention and intervention programs, and the appropriate, fair, and non-discriminatory use of its legal authority.

Emergency services can be contacted via 911 while on campus. Anyone requiring non-emergency services of the University Police Department can contact them 24 hours a day, seven days a week by phoning (262) 472-4660. Business transactions can be conducted in person during office hours of 8:00 a.m. to 4:30 p.m., Monday through Friday, in Goodhue Hall. The Department motto - Honor, Integrity, Service - describes what the Department strives to be, strives to do, and strives to uphold. It also describes the need to honor the responsibilities entrusted to officers, to be an unbiased observer of the truth and assist those in need however possible. By so doing, the Department works to establish a level of communication with our community which is based upon trust, understanding, and respect.

UNIVERSITY ADVANCEMENT

The Office of University Advancement includes the UW-Whitewater National Alumni Association, the UW-Whitewater Foundation, and the Office of Marketing and Media Relations. University Advancement provides a communication link between the university and the media, approximately 57,000 UW-Whitewater alumni, and the public at large.

The UW-Whitewater Foundation also creates and directs a variety of fund-raising efforts on behalf of UW-Whitewater, its faculty and staff, and its students.

ADVANCED OPPORTUNITY PROGRAM (AOP) AWARDS

The purpose of AOP is to expand the number of minority and 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 (African-American, 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 2006-2007 academic year is \$7,000. The award amount for subsequent years is contingent upon funding being appropriated from the Wisconsin State Legislature, and is subject to change. Out-of-state students who receive AOP awards are also eligible for a remission of the non-resident portion of tuition costs for the time period of the award.

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

LEADERSHIP AND MILITARY SCIENCE EDUCATION

Qualified graduate students who are interested in acquiring valuable credentials, financial assistance, and career choices should consider enrolling in the Reserve Officers' Training Corps (ROTC) program. The two-year program leads to a commission and possible service to the nation in the US Army, National Guard, or Army Reserves. The courses studied also provide students with the credentials and specialized leadership expertise to be successful supervisors, managers, or administrators and is universally applicable across a broad spectrum of professions. Applications are available from the Department of Leadership, Military Science, and Aerospace Studies, Room 317, Goodhue Hall.

CONTINUING EDUCATION

Approximately twenty percent of the students at UW-Whitewater are 25 years of age or older. This 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 their academic advisor or the chairperson of their major department or emphasis area. For information about the Credit Outreach Program, see <http://www.uw.edu/conteduc/credit> or call (262) 472-1100.

CORRESPONDENCE COURSES

UW-Whitewater does not offer correspondence courses but accepts correspondence course units offered by the University of Wisconsin-Extension. Students should contact the Admissions Office at (262) 472-1440 to determine how correspondence courses will transfer into their programs. Correspondence Course/Independent Learning catalogs are available by calling the Credit Outreach Office at (262) 472-1100 or on-line at <http://learn.wisconsin.edu/il>.

DISTANCE EDUCATION

As an alternative to face-to-face instruction in the traditional classroom, students may be able to participate in some UW-Whitewater courses at off-campus sites using one or more of the following technologies: (1) Compressed digital video, a UW System interactive video network, (2) WisLine Web, a service combining audio-conferencing (WisLine) with a browser-based Web/data conference application, and (3) WisLine, an audio conference calling service using standard phone lines linking sites anywhere in the state or the world.

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

UW-Whitewater distance education courses are listed in the online Schedule of Classes and on the <http://distancelearning.wisconsin.edu> website, an online UW-Extension resource which lists all of the distance education courses offered by UW System institutions.

TRAVEL STUDY PROGRAMS

These travel programs are usually short sessions (2-4 weeks in length) and are directed by members of the University faculty and staff. In most cases, credit may be earned. Academic requirements may include pre- and post seminars, preliminary study, class work during the tour, and/or subsequent assignments. For information on overseas programs designed for K-12 teachers or domestic programs designed for traditional students, call the Office of Continuing Education/Travel Study Programs at (262) 472-1003 (Roseman 2010). The Office of Continuing Education's Travel Study Programs website is located at <http://www.uw.edu/conteduc/travel>. For short term overseas programs designed primarily for currently enrolled students or study abroad opportunities, call the Center for Global Education at (262) 472-5759 (Hyland 1227).

SUMMER SESSION

A twelve-week Summer Session is offered each year with numerous courses and programs of shorter duration. Students may take up to 12 units during this 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 class schedule or information about Summer Session, see <http://www.uww.edu/conteduc/summer> or call (262) 472-1100.

WINTERIM SESSION

Winterim is a three-week session held between the Fall and Spring terms, designed to help students keep on track for graduation. It features sections of courses that tend to fill up quickly during the academic year. Students may take only one course during Winterim. Generally the Winterim session begins shortly after New Year's Day and concludes on the Friday before Martin Luther King Day. Depending on the calendar, Winterim may begin in late December. For information on Winterim, see <http://www.uww.edu/conteduc/winterim> or call (262) 472-1100.

CONFERENCES, SUMMER CAMPS, WORKSHOPS, AND COMMUNITY OUTREACH

The University has an active non-credit program schedule. Campus facilities can house and feed up to 3,700 persons, depending upon the time of the year. Part of the outreach mission deals with meeting the interests of students and residents of Whitewater and the surrounding communities in southeastern Wisconsin. For information on upcoming programs, call (262) 472-3165 or visit <http://camps.uww.edu>.

CLUB SPORTS

STUDENT INVOLVEMENT

For a more in-depth sports experience than the intramural and/or general recreation program, club sports blend together the learning of new skills, practicing with fellow students/participants, and the opportunity to compete at an intercollegiate level. Active clubs include aikido, baseball, basketball-women, bowling-men, cycling, disc golf, fishing, karate, lacrosse-men, paintball, racquetball, rock climbing, rugby-men, rugby-women, ski and snowboard, soccer-men, tennis, ultimate-men, ultimate-women, volleyball-men, volleyball-women, water polo, waterski and wakeboard, and the Spirit Program. Contact the Rec Sports Office, 100 Williams Center, (262) 472-1145 or visit the website at <http://www.uww.edu/recsports/> for further information.

CROSSMAN GALLERY EXHIBITIONS

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

CULTURAL AFFAIRS

Cultural Affairs brings to campus the best of the world's professional performers, from national tours of *Chicago* to Montana Repertory Theatre's *To Kill a Mockingbird*, from Virsky Ukrainian Dance to Parsons Dance Company. Events are programmed and presented by the Cultural Affairs Committee, a student-led and student-funded organization that is made up of students, faculty, and community members.

Tickets for Cultural Affairs events are offered to students at a special discounted rate and are available at the Greenhill Center of the Arts Box Office, at the University Center, and online at the Young Auditorium website (<http://www.uww.edu/youngauditorium/>).

Students from 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 the Cultural Affairs Committee at (262) 472-1964 or culturalaff@uww.edu.

Cultural Affairs has presented internationally renowned artists such as Bob Newhart and Arlo Guthrie, and numerous touring Broadway musicals including *Hairspray* and *Blast*. The diverse array of world-class performances presented by Cultural Affairs includes Koresh Dance Company, Terrence Simien and the Zydeco Experience, Leahy, and Sones de Mexico.

Cultural Affairs invites students to join them and experience the exciting world of the performing arts!

DISABILITY ADVOCACY AND AWARENESS COALITION (DAAC)

Warhawk Involvement Center, Advisor, Andersen Library 2002

DAAC is an organization that provides university students and community members the opportunity to change their own lives and make a difference in the lives of people who have disabilities. Through social activities, education, and political activity, DAAC strives to promote universal design and inclusion for people with disabilities. The organization aims to educate

students about resources, to involve them in extra-curricular activities, and to help them attain skills that will be paramount in their personal and professional lives. DAAC offers members the opportunity to develop diverse friendships and to obtain knowledge about various disabilities through the sharing of experiences.

For further information on DAAC, or for information concerning disability services, students may contact CSD at 472-4711.

FAITH BASED GROUPS

The following faith-based organizations are represented on campus: Jewish Student Organization, Inter-Varsity Christian Fellowship, Catholic Student Coalition (Roman Catholic), Diamond Way Buddhist Group, Navigators Pagan Spiritual Student Organization, and WELS Campus Ministry. In addition, the Campus Ministry Center is affiliated with the following Christian 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. For more information, contact Career and Leadership Development.

GENERAL GREEK ORGANIZATIONS

FRATERNITIES

Five general Greek fraternities maintain chapters on the UW-Whitewater campus. Four of these - Alpha Phi Alpha, Phi Mu Alpha Sinfonia, Tau Kappa Epsilon, and Pi Kappa Alpha - are nationally affiliated. Phi Chi Epsilon is a local fraternity. A male student may become acquainted with a fraternity through inquiry to the particular fraternity or by contacting Career and Leadership Development at (262) 472-3191.

SORORITIES

Seven sororities maintain chapters on the UW-Whitewater campus. Six of these - Alpha Kappa Alpha, Delta Sigma Theta, Delta Zeta, Sigma Gamma Rho, Sigma Sigma Sigma, and Zeta Phi Beta - are nationally affiliated. Alpha Sigma is a local sorority. A female student may become acquainted with a sorority through inquiry to the particular sorority or by contacting Career and Leadership Development at (262) 472-3191.

GENERAL RECREATION

Sports facilities are open throughout the day and weekends for recreational use. Indoor facilities are available for such activities as basketball, volleyball, track (walking and jogging), racquetball, indoor tennis, and swimming. Outdoor areas and facilities are also available for such activities as softball, football, tennis, sandpit volleyball, disc golf, and basketball. A walking/jogging trail is located near Perkins Stadium for recreational use. Equipment checkout is available for these activities with a valid University ID. Facility reservations are also available for any of the indoor or outdoor facilities, as well as the Lawcon Picnic Shelter and the Coulthart Family Pavilion. To use the Weight Room and Fitness Center, a membership fee is required and can be purchased through the Office of Recreation Sports and Facilities, 100 Williams Center. The Weight Room is located in the Williams Center/DLK/Kachel Fieldhouse and University Fitness is located in the basement of Wells Hall. Call (262) 472-1145 for further information.

HONORS ORGANIZATIONS

The following Honorary Organizations are represented on campus: Beta Alpha Psi (business), Beta Beta Beta (biology), Chi Sigma Iota (counseling), Golden Key National Honor Society (Juniors/Seniors; service-oriented), the Honors Student Association, Kappa Delta Pi (education), Mu Kappa Tau (marketing), Phi Eta Sigma (first-semester sophomores), Pi Omega Pi (business education), Pi Sigma Alpha (political science), Sigma Delta Pi (Spanish), and Sigma Iota Epsilon (management). Many of these honorary organizations have a service component as well. For more information, contact Career and Leadership Development.

INTERCOLLEGIATE ATHLETICS

MEN: Member of Wisconsin Intercollegiate Athletic Conference and NCAA Division III, offering the following 9 varsity sports: Football, Cross Country, Basketball, Swimming/Diving, Wrestling, Indoor/Outdoor Track and Field, Tennis, Baseball, Soccer

WOMEN: Member of Wisconsin Intercollegiate Athletic Conference and NCAA Division III, offering the following 11 varsity sports: Volleyball, Swimming /Diving, Gymnastics, Basketball, Softball, Tennis, Indoor/Outdoor Track and Field, Golf, Cross Country, Soccer, Bowling

INTRAMURAL SPORTS

An extensive program of intramural sports is available for all students, faculty, and staff. Tournaments and leagues are conducted throughout the year in various activities such as 9-hole golf, basketball, badminton, disc golf, dodgeball, indoor and outdoor flag football, floor hockey, innertube water polo, sand volleyball, indoor and outdoor soccer, pickleball, softball, table tennis, tennis, volleyball, wheelchair basketball, racquetball, and indoor and outdoor ultimate frisbee. Entry forms for these activities are available in the Intramural Office, 100 Williams Center. Employment opportunities are also available as sports officials in flag football, floor hockey, basketball, soccer, softball, and volleyball. Call (262) 472-1145 or visit the website at <http://www.uww.edu/recsports/> for further information.

IRVIN L. YOUNG AUDITORIUM

Young Auditorium is the home for several performing artist series, including Cultural Affairs Presents, Young Auditorium Presents, Horizons Matinee, and Horizons Family Series. These auditorium-sponsored series account for twenty-five to forty professional performing arts events each year. The auditorium is also used for various Music Department, Student Organization, and Continuing Education-sponsored activities.

The unique design of the Young Auditorium features a graciously appointed auditorium chamber with approximately 1,300 seats, depending on the stage configuration. Through lighting effects and seating arrangements, the auditorium can achieve a feeling of warmth and intimacy found in a much smaller space. The clean lines and unobstructed views of the chamber create a welcoming performing environment in this well-appointed facility.

One of the many striking areas is the Fern Young Terrace, which offers unparalleled charm guaranteed to enhance any event. 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. Both the Fern Young Terrace and the Kachel Center can serve as support spaces to complement auditorium functions or as versatile stand-alone meeting, rehearsal, or reception rooms.

Young Auditorium provides students and the surrounding communities an astounding opportunity to experience a variety of cultural events. The

auditorium is also available to student and community groups that wish to present their own activities.

MUSIC ACTIVITIES

The Department of Music sponsors a wide variety of instrumental and vocal performing groups, including Bands (Warhawk Marching Band, Symphonic Wind Ensemble, and Concert Band), Orchestras (Whitewater Symphony Orchestra and Chamber Orchestra), Choirs (Chamber Singers, Concert Choir, Women's Chorale, Meistersingers Men's Chorus, Main Street Vocal Jazz, and Gospel Choir), Jazz (Jazz Ensembles I and II, and small group Jazz opportunities), and many small instrumental ensembles, as well as opportunities for musical theatre and opera performance. All ensembles sponsored by the department are open by audition to all University students. Playing or singing in an ensemble can be a rich and rewarding experience for any UWW student, both musically and socially. Contact the Music Department office or see the website for additional information.

The Department of Music annually sponsors over 100 concerts and recitals, including student groups and solo recitals, solo and chamber recitals by our faculty, and performances by a wide array of nationally and internationally known guest artists and chamber groups. Most programs are offered free of charge.

OFFICER EDUCATION

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

OPPORTUNITIES IN JOURNALISM AND COMMUNICATION

The campus television station, UWWTV; the radio station, WSUW; the print/on-line newspaper, the Royal Purple; the Advertising Club, the Zeta Phi Eta professional Communication fraternity; and a well-respected Forensics program all serve to provide both Communication majors and non-majors alike with opportunities to hone writing and speaking skills.

RADIO STATION

WSUW-FM (91.7 on the dial) is a 1300-watt student-run radio station operated by the University. The radio station provides a valuable on-site practicum for University instruction through practical experience to students and also acts in a service and outreach capacity for the University to the campus community and to the city of license.

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, Amnesty International, America Reads, Best Buddies, Big Brothers Big Sisters of Walworth County, Circle K, Habitat for Humanity, Helping Hands, Nursing Home Visitation Program, UW-W Student Foundation, Student Optimist Club, and numerous faith-based and Greek organizations which also offer service projects. For more information, contact Career and Leadership Development.

SPECIAL INTEREST GROUPS

The University recognizes a large number of special interest groups. A complete directory of all student organizations, their officers, and advisors is available at Career and Leadership Development.

STUDENT PUBLICATIONS

The Royal Purple is a weekly student-run newspaper of the University of Wisconsin-Whitewater. The print version of the paper is published once a week, and an online version is updated daily. By working on the Royal Purple, students can obtain hands-on writing, multimedia, or advertising experience while receiving course credit. The Royal Purple also offers students the opportunity for advancement to editorial and business management positions.

UNIVERSITY SPIRIT PROGRAM

The Cheer and Stunt Team and Spirit Squad support the athletic teams and promote campus spirit. The teams/squad performs at all home games and accompanies the Warhawks to away games. Cheerleading tryouts are open to all interested men and women, held in the Fall for the Basketball Cheer & Stunt Team and Spirit Squad and in the Spring for the Football Cheer and Stunt Team. Interested students may contact the Office of Recreation Sports and Facilities, 100 Williams Center, (262) 472-1145.

The Dance Team supports Warhawk athletic teams at all home football and basketball games. Tryouts take place each Spring for Football and each Fall for Basketball. Interested students may contact the Office of Recreation Sports and Facilities, 100 Williams Center, (262) 472-1145.

Willie Warhawk is also part of the Spirit Program. Contact the Office of Recreation Sports and Facilities, 100 Williams Center, (262) 472-1145, to set up an interview.

<http://www.uww.edu/recsports>

UNIVERSITY THEATRE

Annually the Department of Theatre/Dance presents six major productions, including a touring children's play and a dance concert, as well as student-produced scenes and one-act plays. 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, and the arts and skills learned will forever enhance students' lives.

GLOSSARY OF TERMS

Academic Advisor A faculty member appointed to assist a student in planning his or her academic career.

Advising Report (AR) A degree progress report that indicates requirements completed as well as those needed to be completed. This document matches a student's academic history against their declared academic program requirements.

Class Number A unique four-digit number assigned to each course/section listed in the schedule of classes. It is the number used in the registration system for the purpose of adding, dropping, or changing the grade basis.

Class Schedule A listing of the courses being taken by an individual student each term.

Corequisite (Coreq) A course that must be completed prior to, or during the same term as, another course. For example, Biology 120 has a coreq of Math 141.

Course A particular topic being studied. A course is comprised of a Subject and a Catalog number. For example, BIOLOGY 120 is a course.

Curriculum Those classes prescribed or outlined by an institution for completion of a program of study.

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

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

Elective A course which students may select from a list within their academic program or from the course catalog as a whole (as opposed to a required course, which must be taken).

Emphasis An approved set of courses within a major that define a specialty area or specific field of study. For example, Advertising is an emphasis within the Journalism major.

Equivalent Courses Courses whose content overlaps with one another. For example, if a student takes Sociology 270, credit cannot also be earned for African American Studies 270 because the course material is similar.

Extracurricular Activities which are part of student life but not part of a student's academic program are extracurricular activities. Participation in Athletics, Student Government, and other campus organizations are examples of this.

Fee A charge the University requires for certain services.

Good Academic Standing In order to remain in good academic standing at UW-Whitewater, a student must have a cumulative GPA of 2.00 or above. Some colleges and/or programs may require a GPA above 2.00 in order to remain in their programs.

Hold A registration hold is any restriction that prevents registration. Holds can be placed on a student's account by various departments on campus. Holds may consist of Academic Advising restrictions, financial obligations, or other specified requirements. Many students will have an academic advising

hold placed on their records; this hold is released only after completing an advising appointment. Failure to follow the advising process may result in the inability to register at the assigned enrollment start date and time. These holds can also prevent the release of official transcripts.

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

Major The subject or field of study in which a student specializes. 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 units required in the minor field is typically less than that required for the major.

Prerequisite (Prereq) A requirement or set of requirements that must be met before taking a particular course. For example, English 101 is a prereq of English 102. Not all prerequisites are courses; prerequisites can consist of other obligations and conditions.

Registration The act of enrolling in classes. Registration involves selecting classes with the help of an advisor and submitting the enrollment requests via the WINS system.

Required Courses Courses designated by the University as necessary for completion of a program.

Schedule of Classes A list of all the courses to be offered by the University during a specific term.

Section Number A number used to distinguish one class from another. A course may offer several classes or sections at various times throughout the day or week. Sections that include the letter 'X' or 'H' are reserved sections for select populations of students, such as those in Learning Communities or the Honors Program, and are not available to all students. (Example: English 101 section 6.)

Subject A subject is a particular area of study in which the University offers courses, such as English, French, Mathematics, or Geology.

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

Undergraduate A student seeking a bachelor's degree or who has been admitted as an undergraduate for the purpose of taking classes for enrichment.

Unit Load The total number of units for which a student is registered in a term.

Units The terms 'units' and 'credits' can be used interchangeably to describe recognition by a college or university that a course of studies has been successfully completed.

Unrequisite (unreq): A course for which credit cannot be earned because the content overlaps with the specified course. See Equivalent Courses. For example, HISTRY 355 has an unreq of RELIGST 355.

Waiver A waiver indicates that a student does not need to take a specified course. A waiver does not result in the awarding of credit.

WINS (Whitewater Information Network for Students) WINS is UW-Whitewater's student computer system that is available for students to register for classes, check financial records, view Advising Reports, and access the schedule of classes.

COURSE LISTINGS

format of regularly scheduled Catalog offerings.

498 INDEPENDENT STUDY

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

Courses are listed by subject area.

The subject abbreviation designates the department/subject area and subdiscipline within that area. The set of three numbers refers to the specific course within the subject area. For example, MUSC 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 subject area and course numbers should always be used.

Course numbers 000-099 are courses that carry no unit toward degree requirements. Courses numbered 100-299 are lower-division courses. Courses numbered 300-499 are upper-division courses which may be dual-listed as 500-699 for graduate unit. 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 requirements. The second letter following the "G" identifies the category within General Education to which the course applies. Proficiency and Diversity courses are identified with the appropriate designation 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 units permitted in certain programs may differ. Note the limitation of units for degree/programs identified in the Catalog.

490 WORKSHOP

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

491 TRAVEL STUDY

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

494 SEMINAR

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

496 SPECIAL STUDIES

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

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

u - unit

*u - unit 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.

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

Equiv - Equivalent - A course for which unit cannot be earned because the content overlaps with the specified course.

yr - year

SUBJECT AREAS

The alpha subject area designates the discipline area within a department. The Department name and Subject Area codes are listed below.

Subject Code	Subject Description	Department	LIBMEDIA	Library Media	Aerospace
			LIBST	Liberal Studies	Educational Foundations
ACCOUNT	Accounting	Accounting	LSINDP	I&S Interdepartmental	Philosophy & Religious Studies
ACINDP	A&C Interdepartmental	College of Arts & Communication	MANGEMNT	Management	College of Letters & Sciences
AFRIAMR	African American Studies	Race & Ethnic Studies	MARKETNG	Marketing	Management
AMERIND	American Indian Studies	Race & Ethnic Studies	MATH	Mathematics	Marketing
ANTHROPL	Anthropology	Sociology, Anthropology & Criminal Justice	MCS	Management Computer Systems	Mathematics & Computer Sciences
ARABIC	Arabic	Languages & Literatures	MUSC	Music	Management Computer Systems
ARTHIST	Art History	Art	PEFIELD	Physical Education Field	Music
ARTMULTI	Art Multimedia	Art	PEGNRL	Physical Education General	Health, Physical Education, Recreation & Coaching
ARTSTDIO	Art Studio	Art	PEPROF	Physical Education Professional	Health, Physical Education, Recreation & Coaching
ASIANSTD	Asian Studies	Race & Ethnic Studies	PHILSPHY	Philosophy	Health, Physical Education, Recreation & Coaching
ASTRONMY	Astronomy	Physics	PHYSCS	Physics	Philosophy & Religious Studies
BEINDP	Bus & Econ Interdptmtl	College of Business & Economics	POLISCI	Political Science	Physics
BIOLOGY	Biological Sciences	Biological Sciences	PORTUGSE	Portuguese	Political Science
CHEM	Chemistry	Chemistry	PSYCH	Psychology	Languages & Literatures
CHICANO	Chicano Studies	Race & Ethnic Studies	RACEETH	Race & Ethnic Cultures General	Psychology
CHINESE	Chinese	Languages & Literatures	READING	Reading	Race & Ethnic Studies
CIFLD	Curriculum & Instruction Field	Curriculum & Instruction	RECREATN	Recreation	Race & Ethnic Studies
CIGENRL	Curriculum & Instruction Gen	Curriculum & Instruction	RELIGST	Religious Studies	Curriculum & Instruction
COACHING	Coaching	Health, Physical Education, Recreation & Coaching	RUSSIAN	Russian	Health, Physical Education, Recreation & Coaching
COMDIS	Communicative Disorders	Communicative Disorders	SAFETY	Occ & Envir Safety & Hlth	Philosophy & Religious Studies
COMPSCI	Computer Science	Mathematics & Computer Sciences	SCHBUSMG	School Business Management	Language & Literatures
COUNSED	Counselor Education	Counselor Education	SCIBUS	Integrated Science-Business	Occ & Envir Safety & Hlth
CRIMJUS	Criminal Justice	Sociology, Anthropology & Criminal Justice	SECNDED	Secondary Education	Info Technology & Business Ed
DANCE	Dance	Theatre & Dance	SOCIOLGY	Sociology	Biological Sciences & College of Business
DEVLPED	Developmental Education		SOCWORK	Social Work	Curriculum & Instruction
EARLYCHD	Early Childhood	College of Education	SPANISH	Spanish	Sociology, Anthropology & Criminal Justice
ECON	Economics	Economics	SPECED	Special Education	Social Work
EDADMIN	Educational Administration	Curriculum & Instruction	SPECFLD	Special Education Field	Languages & Literatures
EDFNDPRC	Ed Foundations Practicum	Educational Foundations	SPEECH	Speech	Special Education
EDFOUND	Educational Foundations	Educational Foundations	THEATRE	Theatre	Special Education
EDUINDP	Education Interdepartmental	College of Education	WOMENST	Women's Studies	Communication
ELEMMID	Elementary/Middle	Curriculum & Instruction			Theatre & Dance
ENGLISH	English	Languages & Literatures			Women's Studies
ESL	English as a Second Language	Languages & Literatures			
FNBSLW	Finance & Business Law	Finance & Business Law			
FORNLANG	Foreign Language General	Languages & Literatures			
FRENCH	French	Languages & Literatures			
GENED	General Education	College of Letters & Sciences/ College of Arts & Communication			
GEOGRPY	Geography	Geography & Geology			
GEOLGY	Geology	Geography & Geology			
GERMAN	German	Languages & Literatures			
HEALTHED	Health Education	Health, Physical Education, Recreation & Coaching			
HISTORY	History	History			
HONOR	University Honors Prgm	University Honors Prgm			
INTRAUNV	Intrauniversity				
INTRNAR	Intern'l & Area Studies	Political Science			
ITBE	Info Technology & Business Ed	Info Technology & Business Ed			
JAPANESE	Japanese	Languages & literatures			
JOURNLSM	Journalism	Communication			
LDRSHP	Leadership Mil Science & Aerospace	Leadership Mil Science &			

ARTS & COMMUNICATION

(Title Page)

COLLEGE OF ARTS AND COMMUNICATION

Phone: 262-472-1221 E-Mail: havend@uwm.edu
 Fax: 262-472-1436

Richard P. Haven, Interim Dean
 Robert Mertens, Interim Associate Dean

DEPARTMENT CHAIRPERSONS

Art

Chris Henige

Communication (*Journalism and Speech*)

Barbara Penington

Music

J. Michael Allsen

Theatre and Dance

Marshall Anderson

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

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

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

Students in Communication make use of a number of facilities and programs. Cable 19 UWWTV, 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, WSUW-FM (91.7), "The Edge." The Journalism program offers opportunities to work on the Royal Purple, the student newspaper with facilities that support both the Royal Purple's print and web formats. Students in Art, Music, Theatre and Dance take advantage of the facilities in the Greenhill Center of the Arts, including carefully designed and fully equipped studios, computer labs, shops and rehearsal rooms for artists, dancers, musicians, actors and theatre technicians. The Crossman Gallery, the Barnett and Hicklin Studio Theatres, and the Light Recital Hall provide beautiful settings for students' exhibitions, theatre performances, dances, or music concerts. A number of interdisciplinary programs allow students in the college to interact and collaborate on professional projects. The adjacent Young Auditorium is an acoustically excellent performance facility with 1300 seats.

PROGRAMS IN ARTS AND COMMUNICATION

Students may prepare for a variety of careers through majoring or minoring in arts and communication, either preparing to be a practicing artist or communicator or in using those talents and skills in a variety of settings in business, education, non-profit organizations, the media, government,

and other areas. Majors are available in: art (studio, graphics, art history), art education, journalism (print, broadcast and advertising), multimedia digital arts, music, music education, speech communication (public relations, electronic media, organizational and interpersonal communication), and theatre, and theatre education. For students whose career preparation cannot be met in a single department in the college, an individually designed major or minor is available. Other minors are: advertising, art, art history, art studio, arts management, dance, journalism, journalism education, multimedia, music, public relations, speech communication, speech elementary, speech secondary, and theatre.

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

The Art Department is fully accredited by the National Association of Schools of Art and Design (NASAD), the Music Department is fully accredited by National Association of Schools of Music (NASM) and the Theatre/Dance Department is fully accredited by the National Association of Schools of Theatre (NAST).

DEPARTMENTAL ORGANIZATIONS AND ACTIVITIES

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

DEPARTMENT OF ART AND DESIGN

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.

The Ceramics Club and Alloy (metals and jewelry), and the UWW Printmakers Association (Print Farm) address the professional interests of students active in ceramics and art metals and printmaking and sponsor visiting artists and workshops in each of the areas during the academic year. The groups also host the popular annual holiday ceramics and jewelry sale and the annual Print Farm print sale.

COMMUNICATION

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.

Advertising Society provides opportunities for advertising majors and minors to explore the advertising profession and interact with professionals in the field.

The Forensics team is open to all students and competes against other colleges and universities in regional and national contests.

UWWTV (Campus Cable Television Station) is open to all students,

regardless of major, who are interested in television performance and/or production.

WSUW (Campus FM Radio Station) features student programming in a wide array of formats (music, news, sports and talk). The station welcomes all majors.

MUSIC

The UW-W chapter of ASTA, the American String Teachers Association, is open to musicians who are interested in promoting excellence in string and orchestra teaching and playing.

The student chapter of NATS, the National Association of Teachers of Singing, encourages the highest standards of singing through excellence in teaching and the promotion of vocal education and research. Members participate in state and regional competitions, and professional development activities.

The campus chapter of the Collegiate Music Educators National Conference (CMENC) is composed of music majors and minors interested in music education.

The Wisconsin Association of Jazz Educators (WI-AJE) 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 challenging band literature and is open by audition to all qualified students. This group annually tours in the spring and makes several appearances on campus.

The Concert Band is another large ensemble within the department that plays a variety of band literature. Open to all students with previous band experience by audition.

The Whitewater Symphony Orchestra performs several concerts each year from the standard symphonic repertoire. The orchestra sponsors a Concerto competition and performs a major work with the Choir each year. The group is open to all students by audition.

The Chamber Orchestra is a smaller group comprised of strings only, playing repertoire from the string orchestra repertoire. The group is open to all students by audition.

The UW-W Jazz Bands are open by audition to all UW-Whitewater students. Jazz Ensembles I and II perform a wide array of standard and contemporary styles for big band. The Jazz Labs are small combos where students can focus on the development of improvisation skills. All groups are involved in many concerts and events throughout the year.

The Warhawk Marching Band is open to any student who plays an instrument and has had some marching experience. The band provides entertainment for all home football games and one away game each year.

There are numerous small ensembles, which perform in concerts and recitals throughout the year. In addition, several larger groups perform concerts during the Spring Term. These are all open by audition and include Brass Choir, Clarinet Choir, Early Music Ensemble, Flute Choir, Horn Choir, Pep Band, Percussion Ensemble (both Fall and Spring terms), Saxophone Quartet, String Ensemble, Trombone Choir and Trumpet Ensemble.

The Chamber Singers is a highly selective ensemble of 32 singers singing challenging choral literature of all periods. They perform on campus and on annual tours. Open to all university students by audition.

The Concert Choir is a large, mixed group of about 60-100 singers who perform music of all styles in campus concerts. Open to all university students by audition.

Main Street Vocal Jazz is a select group of 12-16 mixed voices with rhythm section that performs Jazz and a wide range of other styles in concerts on and off campus. Open to all university students by audition.

The Women's Chorale is a select ensemble of women's voices who perform a wide variety of works from the rich tradition of compositions for treble voices. Open to all university students by audition.

The Meistersingers is a select ensemble of men's voices who sing works from the Männerchor tradition and a wide range of works for male voices. Open to all university students by audition.

The Gospel Choir is a mixed chorus open to all UW-Whitewater students. Repertoire is selected from traditional spiritual to contemporary gospel, taught through the oral tradition "by ear."

Opera Workshop is comprised of singers selected by audition; the Opera Workshop performs a recital of opera scenes in a staged, costumed scene recital once annually (Fall Term). Intended for more advanced singers, but open to all university students by audition.

THEATRE AND DANCE

The Department of Theatre/Dance presents evenings of one-act and full-length plays directed by students in addition to the five mainstage productions directed by the faculty during the academic year. All University students are eligible for participation in acting, makeup, costuming, lighting, sound, stagecraft, and theatre management. Students are urged to note announcements for tryouts.

Summer Theatre: The Department of Theatre/Dance produces two plays in June, and July in Hicklin Studio Theatre. All students and interested persons in the community are invited to tryout for roles or to participate in other aspects of production. Participants may earn from 1 to 6 units 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. All are invited to audition. It is presented each spring, featuring student performers and choreography by faculty, students, and guest artists.

UWW Dance Company: This group helps promote all forms of dance on campus, sponsors workshops, and presents the annual Emerging Choreographers' Concert.

PROFESSIONAL AND HONORARY FRATERNITIES

Delta Omicron: A professional fraternity for 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 Theta Psi: A professional fine arts society.

Pi Kappa Delta is a forensics honorary fraternity that recognizes qualified students who compete in inter-collegiate debate and forensics.

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 and the fraternity works to promote the theatre arts in all of its forms.

Zeta Phi Eta: A national professional fraternity in Communication Arts and Sciences offering students opportunities to develop their skills in communication and leadership through educational and service activities on both the campus and within the community.

COLLEGE DEGREE REQUIREMENTS

BACHELOR OF ARTS (BA)
BACHELOR OF FINE ARTS (BFA)
BACHELOR OF MUSIC (BM)
BACHELOR OF SCIENCE (BS)

Students may earn a Bachelor of Arts, a Bachelor of Fine Arts, a Bachelor of Music or a Bachelor of Science from the College of Arts and Communication. Successful completion of a minimum of one hundred twenty (120) units in the following areas is required:

College Degree Requirements

All new freshmen entering the Summer of 1994 or later and all transfer students entering the Summer of 1996 forward must complete the following degree requirements in addition to Proficiency, General Education, Diversity, and Writing:

BA Degree

All students must complete at least 2 Arts units outside their major department in the college in addition to the 3-unit World of the Arts course (GENED 110). It is advisable to first take The World of the Arts course. They must also complete a minimum of 6 Humanities units in addition to General Education required core classes.

BFA and BM Degrees

All students must complete at least 2 Arts units outside their department in the college in addition to the 3-unit World of the Arts course (GENED 110). It is advisable to first take The World of the Arts core course.

BS Degree

Students must complete at least 6 units in Natural Sciences/Mathematics in addition to the Laboratory Science course and general education elective 3 unit science or math (GL/M).

Major 34-81 units:

The number of units required for a major varies with the different departments and the particular major desired. Consult the following sections of this catalog devoted to departmental major offerings.

Minor 21-24 units:

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

To be eligible to graduate as an Art, Music, or Theatre major, students must have a minimum grade point of 2.5 in the upper level courses within their major.

To be eligible to graduate as a Theatre BFA major, students must have a minimum GPA of 2.75 in the major and a 2.50 overall GPA.

A 2.00 cumulative GPA is required to declare the Speech major. A minimum

2.25 GPA is required in the major for graduation. The major GPA is based upon both the grades for courses completed at UW-W and those for courses accepted in transfer. Transfer students need a transfer 2.00 GPA to declare the major. To be eligible to graduate as a Journalism major, students must have a grade point of 2.00.

A 2.25 cumulative GPA is required to declare and remain enrolled in the Multimedia major. A 2.5 GPA is required in three of the four required classes. See adviser for details.

INTERDEPARTMENTAL

MEDIA ARTS AND GAME DEVELOPMENT - COMMUNICATION/GAMING EMPHASIS (BA/BS)

MAJOR – 42 UNITS

1. REQUIRED CORE: MAGD 150, MAGD 210, MAGD 220, MAGD 270, MAGD 271
2. SELECT THREE OF THE FOLLOWING COURSES: COMM 238, COMM 239, COMM 285, COMM 294, COMM 346, MUSC 452
3. SELECT TWO OF THE FOLLOWING COURSES: COMM 320, COMM 330, COMM 335, COMM 351, COMM 440, COMM 493M COMM 498
4. SELECT TWO COURSES FROM VISUAL MEDIA DESIGN EMPHASIS AND/OR TECHNOLOG EMPHASIS: ARTSTDIO 213, ARTSTDIO 313, ARTSTDIO 376, ARTSTDIO 377, ARTSTDIO 379, ARTSTDIO 380, ARTSTDIO 388, COMPSCI 174, COMPSCI 222, COMPSCI 223
5. CAPSTONES: MAGD 487, MAGD 488

A GPA OF AT LEAST 2.25 IS REQUIRED TO DECLARE THIS MAJOR

A GPA OF AT LEAST 2.25 IS REQUIRED TO CONTINUE AND GRADUATE IN THE MAJOR.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR.

The writing requirement must be completed for graduation (see Dept. website for courses in which this may be completed).

MEDIA ARTS AND GAME DEVELOPMENT - VISUAL MEDIA DESIGN EMPHASIS (BA/BS)

MAJOR - 42 UNITS

1. REQUIRED CORE: MAGD 150, MAGD 210, MAGD 220, MAGD 270, MAGD 271
2. SELECT THREE OF THE FOLLOWING COURSES: ARTSTDIO 213, ARTSTDIO 313, ARTSTDIO 376, ARTSTDIO 377, ARTSTDIO 379, ARTSTDIO 380, ARTSTDIO 388
3. SELECT TWO OF THE FOLLOWING COURSES: ARTSTDIO 413, ARTSTDIO 476, ARTSTDIO 477, ARTSTDIO 488, ARTSTDIO 492
4. SELECT TWO OF THE COURSES FROM COMMUNICATION/GAMING AND/OR TECHNOLOGY EMPHASIS: COMM 238, COMM 239, COMM 294, COM 346, COMM 285, MUSC 452, COMPSCI 174, COMPSCI 222, COMPSCI 223
5. CAPSTONES: MAGD 487, MAGD 488

A GPA OF AT LEAST 2.25 IS REQUIRED TO DECLARE THIS MAJOR
A GPA OF AT LEAST 2.25 IS REQUIRED TO CONTINUE AND GRADUATE IN THE MAJOR.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR.

MEDIA ARTS AND GAME DEVELOPMENT - TECHNOLOGY EMPHASIS (BA/BS)

MAJOR - 42 UNITS

1. REQUIRED CORE: MAGD 150, MAGD 210, MAGD 220, MAGD 270, MAGD 271
2. SELECT THREE OF THE FOLLOWING COURSES: COMPSCI 174, COMPSCI 222, COMPSCI 223
3. SELECT TWO OF THE FOLLOWING COURSES: COMPSCI 370, COMPSCI 492, COMPSCI 498
4. SELECT TWO COURSES FROM VISUAL MEDIA DESIGN AND/OR COMMUNICATIONS/GAMING EMPHASES: ARTSTDIO 213, ARTSTDIO 313, ARTSTDIO 376, ARTSTDIO 377, ARTSTDIO 379, ARTSTDIO 380, ARTSTDIO 388, COMM 238, COMM 239, COMM 294, COMM 346, COMM 285, MUSC 452
5. CAPSTONES: MAGD 487, MAGD 488

A GPA OF AT LEAST 2.25 IS REQUIRED TO DECLARE THIS MAJOR

A GPA OF AT LEAST 2.25 IS REQUIRED TO CONTINUE AND GRADUATE IN THE MAJOR

ARTS MANAGEMENT MINOR

The Arts Management minor is not meant to be completely comprehensive, but rather a complement to other arts coursework that provides enough exposure at an early state to assist students in choosing a career in arts administration.

MINOR - 24 UNITS

1. ACINDP 363 and ACINDP 364
2. ACCOUNT 244 and MARKETNG 311
3. SELECT 8 UNITS FROM 1 OF THESE 2 GROUPS:
 - a. NON-PROFIT: ACINDP 361 AND ACINDP 362 AND 4 UNITS FROM ACINDP 200 AND ACINDP 493
 - b. FOR PROFIT: MANGEMNT 386 AND 5 UNITS FROM ACINDP 200 AND ACINDP 493
4. SELECT 6 UNITS FROM COURSES ACINDP 361, ARTSTDIO 180, JOURNLSM 220, JOURNLSM 320, COMM 202, COMM 203, COMM 204, COMM 242, ITBE 353, ECON 245, MANGEMNT 301, MANGEMNT 320, MANGEMNT 486, MARKETNG 321, MARKETNG 337, MARKETNG 350, MARKETNG 432 OR OTHER COURSES APPROVED BY THE MINOR ADVISER ASSIGNED BY THE COLLEGE DEAN

INDIVIDUALLY DESIGNED MAJOR

This major is designed to permit students to focus their study on a topic or problem area which falls outside the limits of a conventional major. Since each major is individualized, what is deemed appropriate for one student may be deemed inappropriate for another. The purpose of the major is to accommodate an integration of the courses and programs not offered by the University; it is not a means of forming special majors or degrees which the University is not authorized to offer. The Individually Designed Major, leading to the Bachelor of Arts degree, must consist of a coherent pattern of approved courses taken in more than one department.

INDIVIDUALLY DESIGNED MAJOR WITH A MINOR (BA)

A grade point average of 2.5 is needed for admission to the program. A grade point average of 3.0 in the major is required for graduation.

OPTION I

MAJOR - 36 UNITS

1. SELECT 36 UNITS IN CONSULTATION WITH YOUR ADVISER. INCLUDE NO MORE THAN 24 UNITS FROM ANY ONE DEPARTMENT.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

OPTION II

MAJOR - 54 UNITS

1. SELECT 54 UNITS IN CONSULTATION WITH YOUR ADVISER. INCLUDE NO MORE THAN 24 UNITS FROM ANY ONE DEPARTMENT.

NO MINOR IS REQUIRED FOR THIS MAJOR

Writing Proficiency Requirement: Consult adviser (ENGLISH 370 recommended)

Electives bring the total to a minimum of 120 units. In either Option I or II of the Individually Designed Major students will choose an adviser a faculty member whose competence is in the area of their interest. Together with the adviser they will plan the major and submit in writing to the College Individualized Major/Minor Committee for its approval a proposed list of courses, a schedule plan and a statement of the rationale and goals of the major program. The major should be approved, with the possibility of subsequent amendment, no later than the end of the sophomore year. Any later approval may result in additional terms of study. The program must be planned and approved in advance of admission to the major. Any changes in the major at a later date will require written permission from the Individualized Major/Minor Committee.

Under either Option I or II students may count at most 24 units from any one department for fulfillment of total degree requirements. The Individualized Major/Minor Committee will carefully review student proposed courses to assure a reasonable depth of study beyond the general survey level. One-half of the units earned for the major must be taken within the College of Arts and Communication. A concentration of course work within the College of Arts and Communication will meet the needs of students interested in interdisciplinary fine arts studies and those wishing to combine fine arts courses with a combination of any other college's courses. Primary supervision of the major rests with the Individualized Major/Minor Committee.

INDIVIDUALIZED MINOR

If students have definite educational goals which cannot be met by any of the existing minors, they may design an individualized minor consisting of at least 24 units in areas related to their clearly stated goals, and the courses included in the minor should be related to those goals. However, these courses do not have to be in areas related to the major. Each minor is approached on an individual student basis. Students may complete at most one individualized minor.

MINOR - 24 UNITS

1. SELECT 24 UNITS IN CONSULTATION WITH YOUR ADVISER. COURSES MUST BE OUTSIDE YOUR MAJOR AREA.

A statement of the content, nature and rationale of the proposed individualized minor must be approved by the major department. If fifteen or more units of the minor are to be taken in any one department of the College of Arts and Communication, the proposed minor shall be approved by that department as well as the major department. Further, the proposed minor shall be sent to the Office of the Associate Dean of the College of Arts and Communication for the Dean's referral to the College Individualized Major/Minor Committee for its approval.

The minor should be prepared early in the students' college career, preferably before the junior year. At least 12 units of the courses proposed for the minor must be earned after the plan is approved. Any subsequent changes in the minor must be approved by the Individualized Major/Minor Committee.

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

MEDIA ARTS AND GAME DEVELOPMENT - VISUAL MEDIA DESIGN EMPHASIS

MINOR - 24 UNITS

1. REQUIRED CORE: MAGD 150, MAGD 210, MAGD 220, MAGD 270, MAGD 271
2. SELECT THREE OF THE FOLLOWING COURSES: ARTSTDIO 213, ARTSTDIO 313, ARTSTDIO 376, ARTSTDIO 377, ARTSTDIO 379, ARTSTDIO 380, ARTSTDIO 388, ARTSTDIO 413, ARTSTDIO 476, ARTSTDIO 477, ARTSTDIO 478, ARTSTDIO 488

MEDIA ARTS AND GAME DEVELOPMENT - COMMUNICATION/GAMING EMPHASIS

MINOR - 24 UNITS

1. REQUIRED CORE: MAGD 150, MAGD 210, MAGD 220, MAGD 270, MAGD 271
2. SELECT THREE OF THE FOLLOWING COURSES: COMM 238, COMM 239, COMM 294, COMM 346, COM/JOURNLSM 285, COM/JOURNLSM 351

COURSE DESCRIPTIONS

MAGD 150 INTRODUCTION TO MEDIA ARTS AND GAME DEVELOPMENT 3 u

This interdisciplinary course provides an overview of the multimedia industry. Special attention is given to the study of multimedia applications, approaches, and related industry, policy, ethical and impact issues.

MAGD 210 VISUAL DESIGN FOR DIGITAL MEDIA 3 u

This course introduces students to 2 dimensional design vocabulary with practice through a raster based visual imaging application - Photoshop. This course provides technical proficiency in image making and introduces the relationship of raster design to other media such as Dreamweaver, Flash, InDesign, etc. Visual organization principles/strategies, color theory and management, pixel-based character development and animation concepts will also be addressed.

MAGD 220 DRAWING FOR DIGITAL MEDIA 3 u

This course is designed to help students develop drawing skills including technical drawing for 2D and 3D animation. The course content will include creation of cartoon drawings, study of realistic drawing, study of environmental drawing for cartoon stories. The major software covered in this class will be Adobe Illustrator.

MAGD 270 WEB DEVELOPMENT 3 u

This course provides a critical and practical overview of web development as a communication tool. Students will study the function of websites, critically evaluate websites, and create websites to serve as communication vehicles. The focus will be on creating interactive experiences that are both functional and engaging. The course addresses topics including storyboarding, XHTML, Cascading Style Sheets, and JavaScript. Assessment and usability testing of websites is also an important part of the course. This is a class for beginners and assumes no previous experience or expertise.

Prereq: MAGD 150 and MAGD 210

MAGD 271 FLASH DEVELOPMENT 3 u

This course provides the opportunity for students to develop practical and critical skills in the production of multimedia in non-web or "local" environments to advance and enhance communication tasks within an organization. Special attention is paid to using digital images, motion graphics, digital video, and digital audio in the production of CD-ROMs, videodiscs, DVDs and other display media.

Prereq: MAGD 150 and MAGD 210

MAGD 487 ADVANCED MEDIA ARTS TEAM PROJECTS I 3u

As the culmination of the MAGD sequence, students will pitch, plan, design and build a large group media project as well as smaller projects. Students will implement the knowledge they have acquired individually in courses in the MAGD sequence and learn how to work in groups. Students will also begin to build a working portfolio that demonstrates their skills and showcases their understanding of the media arts and game development process.

Prereq: MAGD 150 and MAGD 210 and MAGD 220 and MAGD 270 and MAGD 271 and 12 additional credits in the major and consent of instructor

MAGD 488 ADVANCED MEDIA ARTS TEAM PROJECTS II 3 u

Students will take projects developed to the Beta stage in MAGD 487 and complete them. Projects will undergo several rounds of usability testing and have been assessed by the clients for whom they were developed. Marketing and commercial development of projects will be discussed and students will be encouraged to move completed work out of the university setting and into the community

Prereq: MAGD 487 and consent of instructor

MAGD 490 WORKSHOP 1 u

Prereq: Consent of Instructor

MAGD 498 INDEPENDENT STUDY 1-6 u

Repeatable for a maximum of six credits in major/degree.

Prereq: Consent of Instructor

ARTS AND COMMUNICATION - GENERAL

ACINDP 200 ARTS MANAGEMENT PRACTICUM 1-2 u

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 units.

ACINDP 310 PRACTICUM = DEVELOPMENT 1-2 u

Participation in College of Arts and Communication development initiatives, including creating written materials, organizing special events and assisting in cultivation and stewardship activities. Repeatable once for a maximum of 4 units.

Prereq: ACINDP 200 and consent of instructor or THEATRE 309 and consent of instructor Unreq: THEATRE 310

ACINDP 361 PERFORMING ARTS OPERATIONS AND MANAGEMENT 2 u

A study of the duties and required skills of managers of performing arts organizations including house management, facility management, box office management, and strategic planning, as well as an overview of human resource management, audience development, marketing, and legal procedures. Offered fall term in odd numbered years.

Prereq: THEATRE 100 or THEATRE 110 or consent of instructor. Unreq: THEATRE 361

ACINDP 362 NON-PROFIT ARTS MANAGEMENT 2 u

A study of the duties and required skills of managers of various non-profit arts organizations. Areas of study will include structure of arts organizations, planning, programming, staffing, budgeting and marketing, with emphasis on fundraising, board development, and volunteer management. Offered spring term in even numbered years.

Unreq: THEATRE 362.

**ACINDP 363 APPLIED STUDIES IN ARTS
MARKETING 2 u**

A study of the duties and skills of marketing managers of both commercial and non-profit arts-related businesses, as well as the individual artist in the marketplace. Topics include marketing research, planning a marketing budget, promotions, media relations, advertising, corporate and media sponsorship, and audience development. Offered fall term in even numbered years. Coreq: MARKETNG 311. Unreq: THEATRE 363.

ACINDP 364 ISSUES IN ARTS MANAGEMENT 2 u

A study of topics, trends, and career options in the field of arts administration. Working professionals will explore with students issues they face in their occupations. Topics may include the role of the arts in society, leadership, public and private support and control of the arts, ethical issues, marketing challenges, computer technology and future trends in the field. Offered spring term in odd numbered years. Prereq: Junior or senior academic status or consent of instructor. Unreq: THEATRE 364.

**ACINDP 399 CAREER INFORMATION IN ARTS AND
COMMUNICATION & LETTERS AND SCIENCES 1 u**

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.

**ACINDP 492 FIELD STUDY IN ARTS
MERCHANDISING 1-6 u**

Off campus investigation and study with designated arts related companies and individuals. Repeatable to a maximum of six units. Prereq: Junior standing or consent of instructor.

**ACINDP 493 ARTS MANAGEMENT/MERCHANDISING
INTERNSHIP 2-6 u**

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: Junior standing and consent of instructor.

ACINDP 494 SEMINAR 1-3 u

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

ACINDP 496 SPECIAL STUDY IN THE ARTS 1-3 u

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 units in degree.

DEPARTMENT OF ART AND DESIGN

Phone: 262-472-1324 E-Mail: art@nmw.edu

Faculty: Professors Denis Dale, Teresa Faris, Michael Flanagan (Gallery Director), Chris Henige, Daniel Kim, Dan McGuire, Renee Melton, Robert Mertens, Susan Messer (Department Chair), Charles Olson, Gregory Porcaro, Gautam Wadhwa, Jennifer Wehmeier, Max White, Deborah Wilk, Xiaohong Zhang.

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/Multimedia Design, Art Education and Art History.

Emphasis is placed on developing students' 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, and art directors working in both digital and tactile environments: in Multimedia Design 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, metals and jewelry, and photography.

ART DEPARTMENT STIPULATIONS

- Each graduating senior is required to make an application for a Senior Show during the term prior to the anticipated term of graduation. Works to be exhibited in the Senior Show must have faculty approval at the Faculty Adjudication by midterm of the term of graduation. Failure to meet these requirements may delay graduation.
- BFA candidates will furnish the Art Department five high quality slides or digital files that are representative of their art production. These will be kept as a record in the College.
- Art majors are advised to meet the General Education elective requirements by selecting a course in an area other than art. ARTSTUDIO 121, 180, 222 and ARTHIST 111 cannot be used for any major program in Art. (See General Studies)
- Art majors must meet all College of Arts and Communication requirements for graduation.
- All studio art majors must participate in the Foundations Review. (see Foundations Review Stipulations below)
- 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 student seeking licensure are advised to consult the Supervisor of Directed Teaching immediately for guidance in planning their program.
- Art majors are responsible for consulting current advising sheets available in the Department Office and on the Department web site for explanations and updates in Department and College regulations.
- Students are limited to (3) Studio classes per term unless prior approval is given by the student's adviser, the department chair, and all faculty teaching those courses.
- Students may be required to purchase supplies for art works they create and retain 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 HISTORY EMPHASIS (BA)**MAJOR - 37 UNITS**

- ARTHIST 201, ARTHIST 202, ARTHIST 203, ARTHIST 421
- SELECT 3 UNITS FROM COURSES DESIGNATED ANCIENT ARTHIST 311
- SELECT 3 UNITS FROM COURSES DESIGNATED MEDIEVAL ARTHIST 312
- SELECT 6 UNITS FROM COURSES DESIGNATED EARLY MODERN ARTHIST 313, ARTHIST 314, ARTHIST 315
- SELECT 6 UNITS FROM COURSES DESIGNATED MODERN ARTHIST 305, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319, ARTHIST 420
- SELECT 9 UNITS FROM COURSES NOT USED ABOVE ARTHIST 305, ARTHIST 311, ARTHIST 312, ARTHIST 313, ARTHIST 314, ARTHIST 315, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319, ARTHIST 320, ARTHIST 491, ARTHIST 496, ARTHIST 498

2.5 GPA UPPER-LEVEL COURSE REQUIREMENT

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

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MAJOR - UNIQUE REQUIREMENT - 16 UNITS

1. SELECT 16 FOREIGN LANGUAGE UNITS (AT LEAST 12 UNITS MUST BE FROM ONE LANGUAGE)

UNITS OUTSIDE THE FIRST MAJOR - 70 UNITS

1. SELECT A MINIMUM 70 UNITS FROM OUTSIDE THE 1ST MAJOR (ART HISTORY) RLS

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR APPROVED SUBSTITUTE INCLUDING PHILSPHY 271) RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Foundations Review Stipulations

All students seeking an art major must participate in the Foundations Portfolio Review subject to the following guidelines:

1. The Foundations Portfolio Review may include any or all of the following: a portfolio examination, an aptitude test, a written examination.
2. The Foundations Portfolio Review for BA, BSE, and BFA degree-seeking students will occur the semester following their completion of the studio-based core foundations courses: 2D-Design (ARTSTDIO 102), 3-D Design (ARTSTDIO 103), and Drawing I (ARTSTDIO 201).
3. The Foundations Portfolio Review must be passed before students will be admitted to 300-level or above studio art courses.
4. Students maintaining a 3.3 GPA in the core foundations courses will be waived from the Foundations Portfolio Review.
5. Students wishing to continue in the program as a major, but who have not met the 3.3 GPA in the core foundations courses, must apply for and pass the Foundations Portfolio Review portfolio examination.
6. The Foundations Portfolio Review may be taken only once. Students may not repeat the Foundations Portfolio Review.

BA and BSE Degree Studio Art Stipulations

1. All BA and BSE studio art majors must participate in the Foundations Portfolio Review (see Foundations Portfolio Review Stipulations above).
2. All BA and BSE studio art majors must participate in the Faculty Adjudication during the semester of anticipated graduation.
 - a. Students must present ten (10) works from at least two (2) areas at the Faculty Adjudication. BA-Graphic Design majors must present Graphic Design work as one of the two areas.
 - b. At the Faculty Adjudication all studio faculty members will have the opportunity to review the works submitted. At least three (3) faculty members must endorse a submission in order for that work to be approved for exhibition in the Senior Show.
3. All BA and BSE studio art majors must participate in a one-week Senior Show held in the Crossman Gallery during the semester of anticipated graduation.
 - a. Students must sign up for the Senior Show no later than the term before the term of anticipated graduation.
 - b. Students must exhibit at least one (1) work endorsed at the Faculty Adjudication to complete the Senior Show milestone requirement. Students may exhibit all endorsed works, space permitting.
 - c. All works must be presentation ready (see Art Department for Senior Show Presentation Guidelines). Exhibited works must be on display during the entire run of the exhibition.

ARTS AND COMMUNICATION

ART (BA)

MAJOR - 42 UNITS

1. ARTSTDIO 102, ARTSTDIO 103, ARTSTDIO 201, ARTSTDIO 202, ARTHIST 201, ARTHIST 202, AND ARTHIST 203
2. ARTSTDIO 341 AND ARTSTDIO 321
3. ARTSTDIO 251 OR ARTSTDIO 271
4. ARTSTDIO 331 OR ARTSTDIO 332 OR ARTSTDIO 333 OR ARTSTDIO 434/634
5. SELECT 9 UNITS OF ART ELECTIVES FROM THE FOLLOWING AREAS: DRAWING, PAINTING, PRINTMAKING, GRAPHIC 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

UNITS OUTSIDE THE FIRST MAJOR - 70 UNITS

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

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR APPROVED SUBSTITUTE INCLUDING PHILSPHY 271) RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ART GRAPHIC DESIGN EMPHASIS (BA)

MAJOR - 42 UNITS

1. ARTSTDIO 102, ARTSTDIO 103, ARTSTDIO 201, ARTSTDIO 202, ARTSTDIO 287
2. SELECT 6 UNITS FROM COURSES: ARTHIST 201, ARTHIST 202, ARTHIST 203, ARTHIST 320
3. ARTSTDIO 341 AND ARTSTDIO 321
4. ARTSTDIO 251 OR ARTSTDIO 271
5. ARTSTDIO 381, ARTSTDIO 382 AND ARTSTDIO 383
6. SELECT 3 UNITS FROM COURSES: ARTSTDIO 311, ARTSTDIO 384, ARTSTDIO 385, ARTSTDIO 388, ARTMULTI 395, ARTMULTI 396, ARTSTDIO 482, ARTSTDIO 484, ARTSTDIO 485, ARTSTDIO 492, ARTSTDIO 496, OR ARTSTDIO 498

2.5 GPA UPPER-LEVEL COURSE REQUIREMENT

STUDENTS MUST HAVE A MINIMUM 2.5 G.P.A. IN UPPER LEVEL MAJOR COURSES. RLS UNITS OUTSIDE THE FIRST MAJOR - 70 UNITS

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

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR APPROVED SUBSTITUTE INCLUDING PHILSPHY 271) RLS AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ART LICENSURE EMPHASIS (BA)

LICENSURE - 39 UNITS

1. EDFOUND 212 OR EDFOUND 222
2. EDFOUND 243 OR EDFOUND 445
3. EDFOUND 425

4. EDFNDPRC 210
5. SECNDED 466
6. CIFLD 492 AND ELEMMD 424 - BOTH TO BE TAKEN SPRING TERM BEFORE PROFESSIONAL TERM
7. SECNDED 423 - FALL TERM ONLY
8. STUDENT TEACHING
 - a. SELECT 6 UNITS FROM CIFLD 411
 - b. SELECT 6 UNITS FROM CIFLD 414
9. SPECED 205

MAJOR - 54 UNITS

1. ARTSTUDIO 102, ARTSTUDIO 103, ARTSTUDIO 201, ARTSTUDIO 202, ARTHIST 201, ARTHIST 202 AND ARTHIST 203
2. ARTSTUDIO 251, ARTSTUDIO 271, ARTSTUDIO 303, ARTSTUDIO 311, ARTSTUDIO 321, ARTSTUDIO 341 AND ARTSTUDIO 381
3. ARTHIST 420 (SPRING ONLY)
4. SELECT 1 COURSE FROM THE FOLLOWING:
ARTSTUDIO 331 OR ARTSTUDIO 332 OR ARTSTUDIO 333 OR ARTSTUDIO 434/634
5. SELECT 3 ELECTIVE UNITS FROM ART HISTORY (EXCEPT ARTHIST 111)
6. SELECT 3 ELECTIVE UNITS FROM ART STUDIO

DEPARTMENT G.P.A. REQUIREMENT

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

UNITS OUTSIDE THE 1ST MAJOR - 70 UNITS

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

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR APPROVED SUBSTITUTE INCLUDING PHILSPHY 271) RLS

ART EDUCATION (BSE)

LICENSURE - 39 UNITS

1. EDFOUND 212 OR EDFOUND 222
2. EDFOUND 243 OR EDFOUND 445
3. EDFOUND 425
4. EDFNDPRC 210
5. SECNDED 466
6. CIFLD 492 AND ELEMMD 424 - BOTH TO BE TAKEN SPRING TERM BEFORE PROFESSIONAL TERM
7. SECNDED 423 - FALL TERM ONLY
8. STUDENT TEACHING
 - a. SELECT 6 UNITS FROM CIFLD 411
 - b. SELECT 6 UNITS FROM CIFLD 414
9. SPECED 205

MAJOR - 54 UNITS

1. ARTSTUDIO 102, ARTSTUDIO 103, ARTSTUDIO 201, ARTSTUDIO 202, ARTHIST 201, ARTHIST 202, AND ARTHIST 203
2. ARTSTUDIO 271, ARTSTUDIO 303, ARTSTUDIO 341, ARTSTUDIO 251, ARTSTUDIO 311, ARTSTUDIO 381 AND ARTSTUDIO 321
3. ARTHIST 420 (SPRING ONLY)
4. SELECT 1 COURSE FROM THE FOLLOWING
ARTSTUDIO 331 OR ARTSTUDIO 332 OR ARTSTUDIO 333 OR ARTSTUDIO 434/634
5. SELECT 3 ELECTIVE UNITS FROM ART HISTORY (EXCEPT ARTHIST 111)
6. SELECT 3 ELECTIVE UNITS FROM ART STUDIO

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR APPROVED SUBSTITUTE INCLUDING PHILSPHY 271) RLS

ADAPTIVE ART EDUCATION LICENSE

NOTE: This is an optional program leading to special state licensure to teach art to students with disabilities. It requires 15 units 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.

	<u>Units</u>
SPECED 205/721 Psychology of the Exceptional Child	3
CIGENRL 759 Art for the Exceptional Child and Adolescent	3
or	
SPECED 759 (Or any other art education course/workshop applicable to teaching students with disabilities)	
SPECFLD 492/725 Field Study—Special Education (Art Emphasis)	2-3
Plus 6 units from the following:	
SPECED 356/556 Introduction to Mental Retardation	3
SPECED 320/520 Introduction to the Education of Young Handicapped	3
SPECED 455/655 Introduction to the Emotionally Handicapped	3
SPECED 464/664 Learning and Language Disorders	3
SPECED 466/666 Guidance of the Handicapped	3
Total:	15 units

B.F.A. Degree Stipulations

- A. All BFA, BA and BSE studio art majors must participate in the Foundations Portfolio Review (see Foundations Portfolio Review Stipulations above)
- B. To participate in the Entry review a student must:
 1. Complete 12-15 units in studio courses, at least 6 units in 2-dimensional courses and 6 unit in 3-dimensional courses.
 2. Have a minimum 2.75 GPA in Art.
 3. Application must be made 2 weeks in advance of the review. Reviews are scheduled once each term. Students will be counseled to advance to a second review or repeat their review in a subsequent term.
- C. To participate in the Junior review:
 1. Two terms must elapse after passing the first review.
 2. To assure adequate development, the student must be completing a minimum of five additional studio courses (15 credits) 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.
- D. A BFA Exhibition is required for graduation. The exhibition may be scheduled one term after successfully completing the BFA Junior Review.

FINE ARTS EMPHASIS (BFA)

MAJOR - 78 UNITS

1. ARTSTUDIO 102, ARTSTUDIO 103, ARTSTUDIO 201, ARTSTUDIO 202, ARTHIST 201, ARTHIST 202, AND ARTHIST 203
2. ARTSTUDIO 303, ARTSTUDIO 311, ARTSTUDIO 321, ARTSTUDIO

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- 341, AND ARTHIST 420 (SPRING ONLY)
3. SELECT 1 COURSE FROM THE FOLLOWING:
ARTSTUDIO 331 OR ARTSTUDIO 332 OR ARTSTUDIO 333
OR ARTSTUDIO 334 OR ARTSTUDIO 434
 4. SELECT 15 UNIT IN AREA OF ART SPECIALIZATION
IN CONSULTATION WITH ADVISER
 5. SELECT 6 UNITS FROM ART HISTORY COURSES
(EXCEPT ARTHIST 111)
 6. SELECT A MINIMUM OF 18 UNITS FROM ART
STUDIO COURSES. ELECTIVE AREAS: 9 UNITS RE-
QUIRED IN 2-D GROUP, 9 UNITS REQUIRED IN 3-D
GROUP. SEE ADVISER FOR DEPARTMENT STIPULA-
TIONS.

DEPARTMENT G.P.A. REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 3.00 G.P.A.
IN UPPER LEVEL MAJOR COURSES.

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR AP-
PROVED SUBSTITUTE INCLUDING PHILSPHY 271)
RLS

FINE ARTS GRAPHIC DESIGN EMPHASIS (BFA)

MAJOR - 78 UNITS

1. ARTSTUDIO 102, ARTSTUDIO 103, ARTSTUDIO 201, ARTSTUDIO
202, ARTHIST 201, ARTHIST 202 AND ARTHIST 203
2. ARTSTUDIO 321 AND ARTSTUDIO 341
3. ARTSTUDIO 303 AND ARTSTUDIO 311
4. SELECT 1 COURSE FROM THE FOLLOWING:
ARTSTUDIO 331, ARTSTUDIO 332 OR ARTSTUDIO 333 OR
ARTSTUDIO 434/634
5. ARTHIST 420
6. SELECT 6 UNITS FROM ART HISTORY
EXCEPT FOR COURSES ARTHIST 111, ARTHIST 201,
ARTHIST 202, ARTHIST 203 AND ARTHIST 420
7. SELECT 9 UNITS FROM COURSES IN 3-D AREAS
OF CERAMICS, SCULPTURE, METALS AND JEWELRY
ARTSTUDIO 251, ARTSTUDIO 352, ARTSTUDIO 353, ARTST-
UDIO 454, ARTSTUDIO 342, ARTSTUDIO 343, ARTSTUDIO 344,
ARTSTUDIO 271, ARTSTUDIO 272 OR ARTSTUDIO 373
8. ARTSTUDIO 287, ARTSTUDIO 381, ARTSTUDIO 382 AND ART-
STUDIO 383
9. SELECT 12 UNITS FROM ADVANCED COURSES
ARTSTUDIO 484, ARTSTUDIO 485, ARTSTUDIO 384, ART-
STUDIO 482, ARTSTUDIO 498, ARTSTUDIO 385, ARTSTUDIO
388, ARTSTUDIO 390, ARTSTUDIO 492, ARTSTUDIO 496,
ARTMULTI 389, ARTMULTI 391, ARTMULTI 392, ART-
MULTI 395 OR ARTMULTI 396

DEPARTMENT G.P.A. REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 3.00 G.P.A.
IN UPPER LEVEL MAJOR COURSES.

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR AP-
PROVED SUBSTITUTE INCLUDING PHILSPHY 271)
RLS

FINE ARTS LICENSURE EMPHASIS (BFA)

LICENSURE - 32 UNITS

1. EDFOUND 212 OR EDFOUND 222

ARTS AND COMMUNICATION

2. EDFOUND 243 OR EDFOUND 445
3. EDFOUND 425, SECNDED 466 AND SECNDED 423
(SECNDED 423 IS OFFERED FALL TERM ONLY)
4. CIFLD 210 AND ELEMMD 424 - BOTH TO BE TAKEN
SPRING TERM BEFORE PROFESSIONAL TERM
5. STUDENT TEACHING
 - a. SELECT 6 UNITS FROM CIFLD 411
 - b. SELECT 6 UNITS FROM CIFLD 414

MAJOR - 78 UNITS

1. ARTSTUDIO 102, ARTSTUDIO 103, ARTSTUDIO 201, ARTSTUDIO
202, ARTHIST 201, ARTHIST 202 AND ARTHIST 203
2. ARTSTUDIO 303, ARTSTUDIO 311, ARTSTUDIO 321, ARTSTUDIO
341, AND ARTHIST 420 (SPRING ONLY)
3. ARTSTUDIO 251 AND ARTSTUDIO 381 OR ARTSTUDIO 287
4. ARTSTUDIO 271
5. SELECT 1 COURSE FROM THE FOLLOWING:
ARTSTUDIO 331, ARTSTUDIO 332 OR ARTSTUDIO 333,
ARTSTUDIO 434
6. SELECT 15 UNITS IN AREA OF ART SPECIALIZATION
IN CONSULTATION WITH ADVISER
7. SELECT 6 UNITS FROM ART HISTORY COURSES
(EXCEPT ARTHIST 111)
8. SELECT A MINIMUM OF 9 UNITS FROM ART
STUDIO COURSES. SEE ADVISER FOR
DEPARTMENT STIPULATIONS.

DEPARTMENT G.P.A. REQUIREMENT

1. STUDENTS MUST HAVE A MINIMUM 3.00 G.P.A.
IN UPPER LEVEL MAJOR COURSES.

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370 OR ENGLISH 274 OR ENGLISH 372 (OR AP-
PROVED SUBSTITUTE INCLUDING PHILSPHY 271)
RLS

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 UNITS

1. ARTSTUDIO 102 OR ARTSTUDIO 103 (SEE ADVISER FOR
STIPULATIONS)
2. ARTSTUDIO 201
3. ARTHIST 201 OR ARTHIST 202 OR ARTHIST 203
4. SELECT 9 UNITS IN ONE AREA OF SPECIALIZATION (
ARTSTUDIO 251, ARTSTUDIO 352, ARTSTUDIO 353) OR
(ARTSTUDIO 381, ARTSTUDIO 382, ARTSTUDIO 383) OR
(ARTSTUDIO 202, ARTSTUDIO 303, ARTSTUDIO 408) OR
(ARTSTUDIO 271, ARTSTUDIO 272, ARTSTUDIO 373) OR
(ARTSTUDIO 321, ARTSTUDIO 324, ARTSTUDIO 426) OR
(ARTSTUDIO 311) OR (ARTSTUDIO 331, ARTSTUDIO 332,
ARTSTUDIO 335, ARTSTUDIO 434) OR (ARTSTUDIO 341,
ARTSTUDIO 342, ARTSTUDIO 343)
5. SELECT 6 UNITS OF ART STUDIO ELECTIVES.
SEE ADVISER FOR STIPULATIONS

NOTE: MUST SELECT 3 UNITS FROM 2-D AREA AND 3 UNITS
FROM 3-D AREA

ART (General)

MINOR - 24 UNITS

1. ARTSTUDIO 102, ARTSTUDIO 103, ARTSTUDIO 201, ARTSTUDIO 251 AND ARTSTUDIO 321
2. ARTHIST 201 OR ARTHIST 202 OR ARTHIST 203
3. SELECT 3 UNITS FROM COURSES
ARTSTUDIO 341 OR ARTSTUDIO 271
4. SELECT 3 UNITS FROM COURSE
ARTSTUDIO 202, ARTSTUDIO 303, ARTSTUDIO 311, ARTSTUDIO 331, ARTSTUDIO 332, ARTSTUDIO 333, ARTSTUDIO 381 OR ARTSTUDIO 434

ART HISTORY

MINOR - 21 UNITS

1. ARTHIST 201, ARTHIST 202 AND ARTHIST 203
2. SELECT 3 UNITS FROM COURSES DESIGNATED ANCIENT OR MEDIEVAL ARTHIST 311 OR ARTHIST 312
3. SELECT 3 UNITS FROM COURSES DESIGNATED EARLY MODERN ARTHIST 313, ARTHIST 314 OR ARTHIST 315
4. SELECT 6 UNITS FROM COURSES DESIGNATED MODERN ARTHIST 305, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319, ARTHIST 320
5. ARTHIST 496 MAY BE USED ABOVE WITHIN THE DESIGNATED CATEGORY FOR THE COURSE

COURSE DESCRIPTIONS**ART STUDIO COURSES****ARTSTUDIO 102 2-DIMENSIONAL DESIGN GA 3 u**

This course is dedicated to the study of design for the flat surface. A variety of techniques, tools and materials are used to examine the basic elements, principles and concepts of visual organization. Emphasis is placed on the development of problem solving skills and ideation.

ARTSTUDIO 103 3-DIMENSIONAL DESIGN GA 3 u

This course is dedicated to the study of design in the three dimensions of height, width, and depth. Working with a variety of media, students will learn how to manipulate the elements and organizational principles through the construction and analysis of three-dimensional projects.

ARTSTUDIO 121 BASIC ART GA 3 u

An introductory studio course for non-art majors and minors covering the basic concepts and materials of major visual arts.

ARTSTUDIO 180 INTRODUCTION TO ADVERTISING DESIGN 3 u

An introductory course for non-art majors covering the principles, materials, procedures and applications of advertising design.

Prereq: Students may not register for ARTSTUDIO 180 if previously or currently enrolled in any ARTSTUDIO 300 level course or above, unless departmental approval is obtained.

ARTSTUDIO 201 DRAWING I GA 3 u

An introduction to the basic concepts in drawing. This course provides a systematic exploration of the drawing methods with an emphasis on traditional approaches to line, form, composition, perspective & chiaroscuro

ARTSTUDIO 202 DRAWING II 3 u

This course develops concepts & skills introduced in Drawing I. Color,

alternative materials & variable formats will be explored in a problem-solving format. Emphasis is placed on strengthening content & design relationships. 2-D design experience recommended.

Prereq: ARTSTUDIO 201.

ARTSTUDIO 213 INTRODUCTION TO DIGITAL PHOTOGRAPHY GA 3 u

This course is intended to offer beginning photographers the basics of visual composition, digital camera operation, photo file post camera adjustments and management and image editing for the creation of digital photographs using compact digital cameras.

ARTSTUDIO 222 DESIGN FOUNDATIONS FOR THE WEB 3 u

This primarily classroom formatted course will introduce students to the elements and principles of media design and how they relate to web site and page content creation. The focus throughout is on visually and aesthetically effective site design. Topics include visual organizational principles, criteria for aesthetic development, critical visual awareness, graphics utilizing digital imaging and web page design software, time based media, animation, audio and video, and the role of designer and programmer on the aesthetics and function of web communication.

Prereq: Restricted to non-Art majors.

ARTSTUDIO 230 PRINTMAKING: INTRODUCTORY SURVEY 3 u

Printmaking: Introductory Survey is an introduction to a wide range of fine art printmaking techniques. Projects will focus on the relief, intaglio, monotype, and screenprint processes. The survey format will stress aesthetic development as it relates to the exploration of various print media. Students will be encouraged to create expressive and original imagery in projects which address technical design, and conceptual objectives.

ARTSTUDIO 251 CERAMICS I GA 3 u

A course designed to give the student the opportunity to explore hand building 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.

ARTSTUDIO 271 METAL AND JEWELRY I GA 3 u

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.

ARTSTUDIO 272 METAL AND JEWELRY II 3 u

Continued exploration into the creation of jewelry and small sculpture from metal. Emphasis is on conceptual and technical achievement.

Prereq: ARTSTUDIO 271.

ARTSTUDIO 287 COMPUTER GRAPHICS FOR THE ARTIST 3 u

Creation of computer generated artwork with an emphasis on photo based digital imaging techniques. Lecture content includes discussions, readings and visual presentations on contemporary usage of electronically generated art and design.

Prereq: ARTSTUDIO 102 and Sophomore standing.

ARTSTUDIO 303 DRAWING III: THE FIGURE 3 u

This course provides an introduction to figure drawing. Studio sessions are dedicated to drawing from life models, study of structural and surface anatomy, and the development of sound technical skills and creative approaches to drawing the human figure.

Prereq: ARTSTUDIO 202.

ARTSTUDIO 311 PHOTOGRAPHY: EXPRESSION AND EXPERIMENTATION 3 u

Lectures, demonstrations, and darkroom work sessions constitute a basic introduction to photographic tools, techniques, and expression. Media: black and white prints.

- ARTSTUDIO 313 INTERMEDIATE DIGITAL PHOTOGRAPHY** 3 u
An intermediate course in digital photography/digital imaging techniques for art and design. Using filmless digital cameras and multi picture imaging, students gain appreciation for creative art and industry potentials for realizing creativity through photography. Students develop experiences in experimental methods, panoramic photography HDR imaging with introduction to studio lighting/tabletop photography.
Prereq: ARTSTUDIO 213 AND MAGD 220 OR ARTSTUDIO 287
- ARTSTUDIO 321 PAINTING I** 3 u
An introduction to painting as an art form. This study is grounded in the disciplines associated with the techniques, and aesthetics of painting in water based and acrylic media.
Prereq: ARTSTUDIO 102 and ARTSTUDIO 201 or ARTSTUDIO 202 or cons instr.
- ARTSTUDIO 324/524 WATERCOLOR** 3 u
A studio course where exercises and experimentation with transparent watercolor pigments and techniques will be combined with art principles in the creation of watercolor paintings.
Prereq: 6 units from ARTSTUDIO 102, ARTSTUDIO 201, ARTSTUDIO 202 or cons instr.
- ARTSTUDIO 331 INTAGLIO PRINTMAKING** 3 u
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 units from ARTSTUDIO 102, ARTSTUDIO 201, ARTSTUDIO 202, or cons instr.
Fulfills printmaking requirement.
- ARTSTUDIO 332 RELIEF PRINTMAKING** 3 u
Exploration of printmaking as an art form with emphasis on relief printing techniques, including single, multiple block and reduction wood-cuts and non-traditional blocks, color printing, image making and editioning.
Prereq: 6 units from ARTSTUDIO 102, ARTSTUDIO 201, ARTSTUDIO 202 or cons instr.
Fulfills printmaking requirement.
- ARTSTUDIO 333 SCREENPRINTING** 3 u
The course presents the basic materials and methods of screenprinting techniques, including ink mixing, stencil developing, image making, and editioning.
Prereq: 6 units from ARTSTUDIO 102, ARTSTUDIO 201, ARTSTUDIO 202 or cons instr. Fulfills printmaking requirement.
- ARTSTUDIO 341 SCULPTURE I** 3 u
An introduction to the disciplines associated with the techniques, media and aesthetics of sculpture.
Prereq: ARTSTUDIO 103.
- ARTSTUDIO 342 SCULPTURE II** 3 u
A continuation of ARTSTUDIO 341 with emphasis on individual direction. The intent is to develop a deeper understanding of art and art processes.
Prereq: ARTSTUDIO 341.
- ARTSTUDIO 343 SCULPTURE III** 3 u
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 continued growth in sculpture.
Prereq: ARTSTUDIO 342.
- ARTSTUDIO 352 CERAMICS II** 3 u
A continuation of ARTSTUDIO 251 with emphasis on additional intermediate-level hand building and wheel throwing techniques, exploration into various glazing methods as well as an introduction to kiln loading.
Prereq: ARTSTUDIO 251.
- ARTSTUDIO 353 CERAMICS III** 3 u
Arranged for the student as indicated by the student's own interest and abilities.
Prereq: ARTSTUDIO 352.
- ARTSTUDIO 373 METAL AND JEWELRY III** 3 u
This course emphasizes more complex construction and statements in the creation of jewelry and small sculpture from metal.
Prereq: ARTSTUDIO 272.
- ARTSTUDIO 376 VISUAL DESIGN FOR THE WEB** 3 u
This course provides instruction in the development and creation of web sites from an art and design perspective, understanding its impact on communication. The importance of visual language will be stressed, and its integration with sound, movement, and interactive navigational devices. Instruction in the fundamental structural principles of web design will be an underpinning for all information. Software instruction may include Dreamweaver and Flash.
Prereq: MAGD 210 OR MAGD 220
- ARTSTUDIO 377 HD/DV DESIGN FUNDAMENTALS** 3 u
This intermediate level media design studio course expands students understanding and technical skills in art and design towards creating artistic time based, 4/D, HD original content using DV and sound effects strategies. Aesthetically important digital skills will be further developed and students will learn to design artistic solutions through practical and experimental 4/D multimedia creations techniques. Special attention is given to advancing personal expression, artistic exploration, original multimedia design an skill building. Practical 4/D application of original artwork, photo imaging, digital video compositing and sound effects in the field of art, graphic design, art performance and multimedia design in web and non-web delivery media will be addressed.
Prereq: ARTSTUDIO 102 and ARTSTUDIO 287 or MAGD 210 AND MAGD 220
- ARTSTUDIO 379 INTERACTIVE MEDIA DESIGN** 3 u
Interactive Multimedia Design is an advanced studio based course and applies principles of visual communication and aesthetic theory to the design of interactive multimedia projects. Emphasis will be placed on original content creation, sequential page design theory and visual interface design with user centered needs and objectives as relevant guides for aesthetic approach and organizational solutions. Interactive products produced by students will be artistic, informational, promotional and persuasive and will involve page interface design and planning, original content creation and integration of animated text and graphics, digital video and sound effects.
Prereq: ARTSTUDIO 102 and ARTSTUDIO 287 or MAGD 210 AND MAGD 220
- ARTSTUDIO 380 3D MODELING-IMAGING-ANIMATION I** 3 u
This course introduces graphic design and multimedia digital arts students to basic 3D software usage, imaging and new animation strategies using Maya 3D software. The goal of this course is to develop students' understanding of 3D static imaging, 3D motion, and visual effects creation in 3D models, lighted scenes, 3D environments and industry standard practices.
Prereq: ARTSTUDIO 102; ARTSTUDIO 381 or ARTSTUDIO 287; or consent of instructor
- ARTSTUDIO 381 GRAPHIC DESIGN I: TYPOGRAPHY** 3 u
An introductory studio course familiarizing the student with graphic design basics: typography, the creative process, design terminology and theory, design principles, tools and materials, 2-D layout, and basic computer techniques.
Prereq: ARTSTUDIO 102 and ARTSTUDIO 201 and Coreq: ARTSTUDIO 287.
- ARTSTUDIO 382 GRAPHIC DESIGN II: PRINT MEDIA** 3 u
Emphasis is on conceptual and visual problems in graphic design. The student analyzes, defines objectives, develops and presents graphic solutions relating to communication in book design, magazine layout, and informational graphics.
Prereq: ARTSTUDIO 381.

ARTSTDIO 383 GRAPHIC DESIGN III: WEB MEDIA 3 u

Emphasis is on concept generation through graphic design solutions to web based aural/visual communication problems. Interactive web media in advertising and information design will be emphasized. The student analyzes, defines objectives and presents in comprehensive format solutions produced through web page user interface and animation design software. Prereq: ARTSTDIO 382.

ARTSTDIO 384 ILLUSTRATION 3 u

A studio course for the advanced art student in the various types and techniques of illustration, using traditional media. Prereq: ARTSTDIO 202 and ARTSTDIO 321.

ARTSTDIO 385/585 ELECTRONIC ILLUSTRATION 3 u

Electronic Illustration will present techniques, concepts and practices that are part of the field of Illustration. The class will pay special attention to the development of these within the context of computer technology. A variety of imaging software will be used, including Adobe Illustrator, Photoshop, Painter.

Prereq: ARTSTDIO 287 and ARTSTDIO 202.

ARTSTDIO 388/588 MOTION GRAPHIC ANIMATION STUDIO I 3 u

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, using 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.

Prereq: ARTSTDIO 102 and ARTSTDIO 287, or MAGD 210 and MAGD 220, or consent of instructor.

ARTSTDIO 389 TYPOGRAPHIC SOLUTIONS 3 u

This course is an advanced study of typography building upon the foundational skills gained in previous coursework. Typographic communication will be covered through explorations of the typographic grid, the creation of a hierarchy of information, and typographic principles for both print and web design.

Prereq: ARTSTDIO 381

ARTSTDIO 408/608 ADVANCED DRAWING 3 u

A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in drawing. Emphasis placed on the development of personal direction in terms of content, choice and handling of media.

Repeatable in increments of 3 units per term for a maximum of 12 units. Prereq: ARTSTDIO 303.

ARTSTDIO 411 PROFESSIONAL STUDIO PRACTICES 3 u

This course will introduce students to professional skills, and practices, in the visual arts in preparation for graduate school, professional advancement in the arts, and/or employment in art related fields. Instruction in the development of written/visual documentation for exhibition and grant proposals, along with oral presentation skills will be covered.

Prereq: Junior standing in Art Program, Passed BFA Junior Review, ARTHIST 201, ARTHIST 202 and ARTHIST 203, and an upper division Art History course or consent of instructor.

ARTSTDIO 413/613 ADVANCED DIGITAL PHOTO STUDIO - ART, ADS, IMMERSIVE PHOTOGRAPHY 3 u

Students progress from hand held location based digital photographic techniques to advanced studio problems. Tabletop styling, lighting control, portraiture methods, experimental spherical VR, editorial illustration and fine art imaging are explored using medium and large format HD filmless cameras. Spherical immersive photo VR for games, industry, art and idevice applications may be explored.

Prereq: ARTSTDIO 313 or consent of instructor

ARTSTDIO 426 ADVANCED PAINTING 3 u

A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in the techniques and aesthetics of painting. Traditional oil based media will be introduced. Advanced students repeating the course will be encouraged to explore a medium of choice (acrylic or oil).

Repeatable in increments of 3 units per term for a maximum of 12 units.

Prereq: ARTSTDIO 321.

ARTSTDIO 434 THE ART OF THE BOOK 3 u

This course will focus on the creation of hand made fine art books through the combination of applied research in traditional and non-traditional printmaking techniques and bookbinding. Students will be expected to research an historical binding and create models for presentation to the class.

Prereq: ARTSTDIO 201, ARTSTDIO 102, or consent of instructor.

Fulfills printmaking requirement.

ARTSTDIO 444 SCULPTURE IV 3 u

Advanced studio experience in sculpture.

Prereq: 9 units in sculpture.

ARTSTDIO 445 SCULPTURE V: RESEARCH 3 u

A highly specialized course offering directed studio research in a specific problem related to sculpture. Repeatable for a maximum of 9 units in major/degree.

Prereq: 9 units in sculpture.

ARTSTDIO 454 CERAMICS IV 3 u

This course provides the student the opportunity to pursue partially directed advanced research in the techniques and aesthetics of ceramics. Advanced glaze research methodology and kiln firing techniques are emphasized.

Prereq: ARTSTDIO 353

ARTSTDIO 455 CERAMICS V: RESEARCH 3 u

This course provides the student the opportunity to pursue self-proposed and self-directed research in advanced ceramics utilizing personal techniques and aesthetics. Repeatable for a maximum of 9 units in major/degree.

Prereq: ARTSTDIO 454

ARTSTDIO 456 TECHNICAL STUDY IN CERAMICS 3 u

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: ARTSTDIO 352.

ARTSTDIO 474 METAL AND JEWELRY IV 3 u

An advanced course emphasizing design and creation of objects, both wearable and sculptural. Sophisticated technical skills will be explored with and emphasis on contemporary concepts.

Prereq: ARTSTDIO 373.

ARTSTDIO 475 METAL AND JEWELRY V: RESEARCH 3 u

A highly specialized course offering directed research in a specific creative problem related to metals and jewelry. Assignments will be made that further students conceptual direction. Repeatable for a maximum of 9 units in major/degree.

Prereq: ARTSTDIO 474.

ARTSTDIO 476 ADVANCED WEB DESIGN STUDIO 3 u

ARTSTDIO 376 Visual Design for Web introduces the basic concepts of instruction to the development and creation of web sites from an art and design perspective, and describes its impact on communication. The advanced Advanced Web Design Studio ARTSTDIO 476 will allow students to take the principles and skills taught in ActionScript 3.0 in Flash and explore ActionScript's most powerful features, including creating advanced navigational interfaces and special effects using XML data and adding

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accessibility to files via closed captioning.

Prereq: ARTSTUDIO 376

ARTSTUDIO 477 ADVANCED HD DV MOTION CAPTURE STUDIO 3 u

Introduces the basic concept of creating artistic time-based, 4/D, HD original content using DV and sound effects strategies. This advanced HD DV Motion Capture Studio will allow students to focus on the one of the specific fields of creating high quality of HD/DV which are required by the industry designs. An advanced class to take the basics of computer animation to and advanced level by including advanced knowledge of audio, motion effects, filter effects, color and using Color Keying features to remove backgrounds, editing multi-track audio and audio effects, color correction and troubleshooting problems are also covered.

Prereq: ARTSTUDIO 377

ARTSTUDIO 482 ILLUSTRATION II 3 u

Advanced course concentrating on the development of illustration skills and techniques. Emphasis placed on the development of a personal approach to conceptual and visual problem solving related to editorial, advertising and specialized fields of illustration.

Prereq: ARTSTUDIO 384, ARTSTUDIO 303.

ARTSTUDIO 484 GRAPHIC DESIGN IV: ADVANCED CONCEPTS 3 u

Emphasis is on conceptual and visual graphic design problem solving. The student studies contemporary design issues and develops advanced strategies for design solutions. Areas of concentration include visual image development, information design and corporate identity program design, interactive media, publication planning and design development, packaging and pre-press applications of computer mediated design.

Prereq: ARTSTUDIO 383

ARTSTUDIO 485 GRAPHIC DESIGN V: PORTFOLIO SOLUTIONS 3 u

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 designed for career portfolio presentations.

Prereq: ARTSTUDIO 484/684.

ARTSTUDIO 488 MOTION GRAPHIC ANIMATION STUDIO II 3 u

Students expand conceptual/technical/artistic skill in motion animation with self directed project objectives challenging students to target concepts to specific artistic/industry responsive animation outcomes. Further exploration of blue screen compositing, sound and special effects, for performance, film/TV, game and idevice distribution including an introduction to motion capture is expected.

Prereq: ARTSTUDIO 388

RTSTUDIO 490/690 ART WORKSHOP 1-3 u

Repeatable. Prereq: Permission of the Workshop Director.

ARTSTUDIO 491 TRAVEL STUDY *Repeatable* 1-3 u

ARTSTUDIO 492 FIELD INTERNSHIP IN ART 1-3 u

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 units in degree and major.

Prereq: 9 units and 3.00 GPA in area of emphasis and consent and placement by the Department and 2nd term Sophomore Standing.

ARTSTUDIO 496/696 SPECIAL STUDIES 3-4 u

Repeatable. Prereq: Consent of instructor.

ARTSTUDIO 497 EXCHANGE STUDY *Repeatable* 1-12 u

ARTS AND COMMUNICATION

ARTSTUDIO 498 INDEPENDENT STUDIES 1-6 u

Repeatable for a maximum of six units in major/degree. Prereq: Cons instr.

ART HISTORY COURSES

ARTHIST 111 ART APPRECIATION *GA* 2 u

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.

ARTHIST 201 SURVEY OF WESTERN ART - ANCIENT TO MEDIEVAL *GA* 3 u

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.

ARTHIST 202 SURVEY OF WESTERN ART - RENAISSANCE TO 1900 *GA* 3 u

An investigation of major works in painting, sculpture, architecture, and related arts from the early Italian Renaissance to 1900. Students develop skills in artistic analysis and an understanding of the discipline of art history. Slide illustrated.

ARTHIST 203 INTRODUCTION TO MODERN AND CONTEMPORARY ART *GA* 3 u

This course is designed to allow for a thematic approach to the study of art in the twentieth and twenty-first centuries. Course material will explore the art, artists, and theory related to modern and contemporary art.

Prereq: Sophomore standing

ARTHIST 311 GREEK AND ROMAN ART *GA* 3 u

This course treats Greek and Roman art and architecture through the exploration of specific themes. The concepts of classical archaeology, technology, style, and iconography are addressed, and media such as vase painting, architecture, sculpture, mural painting and mosaics are considered in the context of these themes.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 312 MEDIEVAL ART *GA* 3 u

This course takes a thematic approach to the art and architecture of important institutions of the Middle Ages. Students are introduced to sculpture, painting, manuscript illumination, architecture, mosaics, and other decorative arts, as well as cultural issues and Christian symbolism.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 313 ITALIAN RENAISSANCE ART *GA* 3 u

This course is designed to allow for a thematic approach to the unique art and art historical circumstances which existed in Italy from ca. 1250 to 1550. Course material may focus on particular topics and issues specific to the study of Italian Renaissance art.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 314 NORTHERN RENAISSANCE ART *GA* 3 u

This course is designed to allow for a thematic approach to the unique art and art historical circumstances which existed in the Lowlands, France, Germany and Spain during the fourteenth through sixteenth centuries. Course material may focus on particular topics and issues specific to the study of Northern Renaissance art.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 315 BAROQUE ART *GA* 3 u

This course is designed to allow for a thematic approach to the unique art and art historical circumstances which existed in Italy, France, Spain, Germany and The Netherlands from the late sixteenth century through the early eighteenth century. Course material may focus on particular topics

and issues specific to the study of Baroque art.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 316 ART OF THE 19TH CENTURY *GA* **3 u**

This course is designed to allow for a thematic approach to the unique art and art historical circumstances which existed in Europe and America from the mid-eighteenth century through the end of the nineteenth century. Course material may focus on particular topics and issues specific to the time period and various art historical movements, such as the rococo, the Enlightenment, Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 317 MODERN ARCHITECTURE *GA* **3 u**

This course explores the tensions between historicism and modernism in domestic, commercial in domestic, commercial and civic architectural solutions from the mid-19th century to 1960. Emphasis is placed on 'master architects' in Europe and the United States, urban planning and architectural utopias.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 318/518 MODERN ART *GA* **3 u**

This course is designed to allow for a thematic approach to the study of art in the first half of the twentieth century. Course material will explore the art, artists, and theory related to modern art.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 319 CONTEMPORARY ART *GA* **3 u**

This course is designed to allow for a thematic approach to the study of art in the second half or the twentieth century into the twenty-first century. Course material will explore the art, artists, and theory related to contemporary art.

Prereq: ARTHIST 201 or ARTHIST 202 or ARTHIST 203

ARTHIST 320 **3 u**

This is a lecture course that covers the History of Graphic Design from the invention of writing through the digital revolution. Topics include such areas as Postmodern Design, Multicultural Design, Corporate Design Systems.

Prereq: ARTHIST 203

ARTHIST 420 ART THEORY **3 u**

An advanced course dealing with the theoretical concerns of the visual arts. The course treats art in its relation to current philosophical thought, and also discusses aesthetics and the nature of art. For Art Department majors and minors. Offered spring term only.

Prereq: ARTHIST 203 and sr st.

ARTHIST 491/691 TRAVEL STUDY *Repeatable* **1-3 u**

ARTHIST 497 EXCHANGE STUDY *Repeatable* **1-12 u**

ARTHIST 496/696 SPECIAL STUDIES IN ART HISTORY **1-3 u**

Repeatable. Prereq: To be announced at the time the course is offered.

ARTHIST 498 INDEPENDENT STUDY **1-6 u**

Repeatable for a maximum of 6 units in major/degree. Prereq: Consent of instructor.

DEPARTMENT OF COMMUNICATION

The Department of Communication houses two majors, Journalism and Speech. From these majors students can select various emphases. The Department also participates in the College of Arts and Communication Multimedia major. The department limits students who declare both the major and the minor in the department to those who have earned a 2.75 GPA or above in the first nine hours of department course work, excluding SPEECH 110 and SPEECH 131. A student will still be able to register as a minor only (not major and minor) if they meet the current 2.0 GPA requirement.

COMMUNICATION DEPARTMENT STIPULATION:

Students taking classes within the Communication Department may be required to purchase equipment or supplies that they retain to complete course projects.

Phone: 262-472-1034 E-Mail: unwcomm@unw.edu

Faculty: Kannan AMR, Raymond Baus, Elena Bertozzi, Kathy Brady (Director of Advertising), Mary K Casey, Corey Davis, Ed Frederick, Tammy French, Jeff Herriott, Kim Hixson, Jim Kates, Ann Knabe, Kris Kranenburg, William Lowell, Sam Martino, Jim Mead, Barb Penington (Chairperson), Linda Robinson, John Stone, Spencer Striker, James TerKeurst, Nam-Hyan Um,, Sally Vogl-Bauer, David Wachanga, S. A. Welch, Susan Wildermuth.

JOURNALISM (BA/BS)

The journalism program is geared to today's journalism and advertising professions, preparing graduates to work in the many modern communication media. In broadcast, print and web journalism, graduates work as reporters, editors, news photographers, Web writers and media producers and radio and television news producers. In the advertising industries, positions include account executives, account planners, copywriters, creative directors, media planners and sales representatives.

A 2.50 cumulative GPA will be required to declare an emphasis of Advertising or Broadcast/Print/Web Journalism in the Journalism major. The major GPA is based upon both the grades for courses completed at UW-W and those courses accepted in transfer.

A 2.75 cumulative GPA will be required to declare an emphasis of International Journalism in the Journalism major. The major GPA is based upon both the grades for courses completed at UW-W and those courses accepted in transfer.

These requirements apply to admitted freshmen and transfer students.

A minimum 2.25 GPA is required in the major for graduation.

All students are required to fulfill a writing requirement prior to graduation. Each emphasis in the Department of Communication specifies how that requirement will be met. Details on fulfilling the writing requirement are available in the department office and on the department website.

MAJOR/EMPHASES

INTERNATIONAL JOURNALISM EMPHASIS (BA/BS)

MAJOR - 36 UNITS

1. JOURNLISM 212, JOURNLISM 227, JOURNLISM 237, JOURNLISM 309, JOURNLISM 420, COMM 424, JOURNLISM 486
2. JOURNLISM 245 AND 248 OR COMM 238 AND COMM 341
3. SELECT 12 UNITS FROM THE FOLLOWING COURSES (at least 6 units must be 300 or 400 level):
COMM 234, COMM/JOURNLISM 246, JOURNLISM 303, JOURNLISM 304, JOURNLISM/COMM 305, JOURNLISM 310, COMM 330, COMM 335, JOURNLISM 347, JOURNLISM 360, COMM 422, JOURNLISM 430, JOURNLISM/COMM 431, COMM 440, JOURNLISM/COMM 485, JOURNLISM 493G, COMM 493E

Other elective courses taken abroad must meet departmental approval. At least 9 credits of Journalism or Communication related courses must be taken during the student's study abroad semester.

WRITING REQUIREMENT

EXIT SURVEY

A 2.75 overall GPA is required to declare a major in this emphasis; a 2.25 GPA in the emphasis is required for graduation.

JOURNALISM ADVERTISING EMPHASIS (BA/BS)

MAJOR - 39 UNITS

1. JOURNLSM 220, JOURNLSM 241, JOURNLSM 275, JOURNLSM 309, JOURNLSM 320, JOURNLSM 322, JOURNLSM 364, JOURNLSM 423
2. SELECT 3 UNITS FROM THE FOLLOWING GROUP: JOURNLSM 420, JOURNLSM 430, COMM 345, COMM 422
3. SELECT 6 UNITS FROM THE FOLLOWING GROUP: JOURNLSM 431, JOURNLSM 491, COMM 326, COMM 327, COMM 328, COMM 363, COMM 420, COMM 424, COMM 440
4. SELECT 6 UNITS FROM THE FOLLOWING GROUP: JOURNLSM 248, JOURNLSM 303, JOURNLSM 310, JOURNLSM 425, JOURNLSM 485, JOURNLSM 493A, JOURNLSM 496, JOURNLSM 498, ARTSTUDIO 180, COMM 202, COMM 238, COMM 240, COMM 285, MAGD 150

WRITING REQUIREMENT

EXIT SURVEY

A GPA of at least 2.5 is required to declare this major

A GPA of at least 2.25 (within the major) is required to graduate

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

BROADCAST/PRINT/WEB JOURNALISM (BA/BS)

MAJOR - 42 UNITS

1. JOURNLSM 212, JOURNLSM 227, JOURNLSM 237, JOURNLSM 309, JOURNLSM 347, JOURNLSM 420, JOURNLSM 486
2. A TOTAL OF 3 UNITS IN AT LEAST TWO OF THE FOLLOWING PRACTICUM COURSES: COMM 230, COMM 231, COMM 331, JOURNLSM 251, JOURNLSM 332
3. 6 UNITS IN ONE OF THE FOLLOWING COURSEWORK GROUPS: COMM 238 AND JOURNLSM 341; OR JOURNLSM 245 AND JOURNLSM 248
4. ONE OF THE FOLLOWING COURSES: JOURNLSM 305, COMM 422, JOURNLSM 485
5. ONE OF THE FOLLOWING COURSES: COMM 424, COMM 440, JOURNLSM 430, JOURNLSM 431
6. TWO OF THE FOLLOWING COURSES: COMM 239, COMM 330, COMM 335, JOURNLSM 234, JOURNLSM 246, JOURNLSM 303, JOURNLSM 304, JOURNLSM 310, JOURNLSM 333, JOURNLSM 360, JOURNLSM 491, JOURNLSM 493E, JOURNLSM 493G, JOURNLSM 498

WRITING REQUIREMENT

EXIT SURVEY

A GPA of at least 2.5 is required to declare this major.

A GPA of at least 2.25 (within the major) is required to graduate.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINOR**ADVERTISING**

MINOR - 24 UNITS

1. JOURNLSM 220, JOURNLSM 241, JOURNLSM 309
2. SELECT 6 UNITS FROM THE FOLLOWING: JOURNLSM 275, JOURNLSM 320, JOURNLSM 322
3. SELECT 3 UNITS FROM THE FOLLOWING: JOURNLSM 430, COMM 326, COMM 345, COMM 424
4. SELECT 6 UNITS FROM THE FOLLOWING: JOURNLSM

248, JOURNLSM 303, JOURNLSM 364, JOURNLSM 425, JOURNLSM 491, JOURNLSM 493A, ARTSTUDIO 180, COMM 202, COMM 240, COMM 285, MAGD 150

GPA of 2.25 to declare this minor If majoring and minoring within the Department student must have a 2.75 in the first three Communication Department classes taken (with the exception of Comm 110 and Comm 131 to declare the minor.

GPA of 2.25 (within the minor) required to graduate

JOURNALISM

MINOR - 24 UNITS

1. JOURNLSM 212, JOURNLSM 227, JOURNLSM 237
2. SELECT 1 OF THE FOLLOWING 2 COURSEWORK GROUPS:
GRP 1: COMM 238 AND JOURNLSM 341
GRP 2: JOURNLSM 245 AND JOURNLSM 248
3. SELECT 3 UNITS FROM THE FOLLOWING GROUP: JOURNLSM 305, JOURNLSM 420, JOURNLSM 430, JOURNLSM 431
4. SELECT 6 UNITS FROM THE FOLLOWING GROUP: COMM 234, JOURNLSM 246, JOURNLSM 251, JOURNLSM 303, JOURNLSM 304, JOURNLSM 310, JOURNLSM 332, JOURNLSM 347, JOURNLSM 486, JOURNLSM 491, (WITH ADVISER APPROVAL), JOURNLSM 493G, JOURNLSM 498

GPA of 2.25 to declare this minor If majoring and minoring within the Department student must have a 2.75 in the first three Communication Department classes taken (with the exception of Comm 110 and Comm 131 to declare the minor.

GPA of 2.25 (within the minor) required to graduate

COURSE DESCRIPTIONS**JOURNLSM 212 REVOLUTIONS IN JOURNALISM 3 u**

An introduction to the nature and issues of the print, broadcast and Internet news industries and their roles in American society. Particular attention will be paid to the impact of new technology and its effect on media profitability, business models and social function.

JOURNLSM 220 FOUNDATIONS OF ADVERTISING 3 u

A survey of advertising and its role as an institution in society, both as a marketing tool and as a communication process.

Prereq: Must be taken before completion of 12 hours in the Print Journalism major and Journalism minor.

JOURNLSM 227 WRITING FOR NEWS MEDIA 3 u

Introduction to journalistic writing in the styles appropriate to various mass media. Includes a review of writing fundamentals. Emphasis is placed on selecting, organizing and structuring information. Practice in writing for print, broadcast, and Web journalism is included.

JOURNLSM 237 REPORTING FOR NEWS MEDIA 3 u

An introduction to reporting for the news media. Students will learn interviewing and research skills, develop news and feature stories, and work with basic digital equipment to create content for print and online news operations. Stories will be told through text and through audio, video and other digital formats.

Prereq: JOURNLSM 227

JOURNLSM 241 ELECTRONIC MEDIA COPYWRITING 3 u

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: COMM 241.

JOURNLSM 245 PUBLICATION EDITING 3 u

The course covers the proper use of language, spelling, punctuation and accepted writing style in news stories. It concentrates on use of the Associate Press Stylebook to check capitalization, abbreviations, numerals, and titles. Grammar fundamentals, sentence structure and news format are covered.

Prereq: JOURNLSM 227 or COMM 203.

JOURNLSM 246 ELECTRONIC MEDIA NEWSWRITING AND PRODUCTION 3 u

Development of the skills of broadcast news gathering, writing, and editing with primary emphasis on radio.

Prereq: JOURNLSM 227. Unreq: COMM 246.

JOURNLSM 248 PUBLICATION LAYOUT 3 u

This course is a study of newspaper, magazine and on-line production that integrates working with text with layout and technological considerations. Building on the editing, writing of headlines and cutlines, proofreading and considering of newsworthiness practiced in Publication Editing, the course integrates these skills with selection and placement of graphic elements, proofreading page layout, selection and placement of stories, editorial responsibilities and basics of print media production, including newspapers, magazines, newsletters and online services. This is a lecture/demonstration/laboratory course in which information is presented for students to apply in practical situations.

Prereq: JOURNLSM 227 or JOURNLSM 220 or COMM 203

JOURNLSM 251 SCHOOL PUBLICATIONS: EDITORIAL 1 u

A laboratory journalism course in which the student elects to work as a reporter or on the photo staff of The Royal Purple. A student may earn 1 unit for each term of work and a maximum of 3 units toward graduation.

Coreq: JOURNLSM 243

JOURNLSM 275 ADVERTISING AND PUBLIC RELATIONS RESEARCH LITERACY 3 u

Students will learn about information gathering for communication planning. They will learn to assess the quality of research reports. Students will study survey and group research methods. They will examine subscription data sources commonly used for advertising and public relations and learn about media tracking and Web page evaluation.

Prereq: JOURNLSM 220 or COMM 202

JOURNLSM 285 SOCIAL MEDIA OPTIMIZATION & THE NEW WEB 3 u

'Social Media Optimization' will teach students how to engage with online communities to generate publicity and manage the images and issues of organizations. This cutting-edge, timely curriculum will require students to investigate the most compelling topics confronting organizations and individuals striving to extract value from the dynamic, participatory, ever-changing 'new web.'

Prereq: Sophomore standing or consent of instructor Unreq: COMM 285

JOURNLSM 294 WEB VIDEO & THE GAME INDUSTRY - GAMEZOMBIE PRACTICUM 3 u

The GameZombie practicum will provide students the opportunity to produce a globally distributed game media web series, strengthen multimedia production skills, and develop expertise in cutting edge game industry topics. Students will greatly enhance their portfolios, industry connectedness, and global web presence by participating in this practicum experience.

Prereq: COMM 238 or consent of instructor Unreq: COMM 294

JOURNLSM 303 FEATURE WRITING 3 u

A study of feature writing and editorial writing and their roles in print and online publications. Experience in writing feature articles and opinion

pieces.

Prereq: JOURNLSM 227 or JOURNLSM 241 or COMM 203

JOURNLSM 304 SPORTS JOURNALISM 3 u

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: JOURNLSM 227

JOURNLSM 305/505 HISTORY OF MASS COMMUNICATION 3 u

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: COMM 305/505.

JOURNLSM 309 MEDIA ETHICS 3 u

This course exposes students to ethical theory in the context of rapid technological change and the means to acquire ethical analytical abilities. This two-tiered approach first examines the relationship between professional ethics and social philosophy to establish a framework for understanding the relationship between media practice and democratic society.

Prereq: JOURNLSM 212 or JOURNLSM 220

JOURNLSM 310 PUBLICATION PHOTOGRAPHY 3 u

Study of photography in which students concentrate on producing pictures suitable for publication in newspapers, magazines and on-line publications.

JOURNLSM 320 ADVERTISING COPYWRITING AND LAYOUT 3 u

Study of the strategy and principles used to develop copy and visuals for persuasive messages in advertising, sales promotion, direct response, interactive and other brand communication. Students will apply the principles they learn by writing and designing messages across various media and for a variety of products and services. Students will also gain presentation experience.

Prereq: JOURNLSM 220 and JOURNLSM 241

JOURNLSM 322 ADVERTISING MEDIA PLANNING AND BUYING 3 u

This course provides an overview of the development of advertising media objectives and strategies. It examines the characteristics of the various media and the principles of media scheduling and buying. Students will learn how to evaluate media for the purpose of selecting the media and media vehicles that will most effectively deliver advertising messages to the target audience. Students will receive instruction in effective media planning and buying and will be able to practice putting media plans into action. This course examines the media of advertising and emphasizes development of advertising media objectives and strategies and provides practice in implementing those strategies.

Prereq: JOURNLSM 220

JOURNLSM 332 PRACTICUM IN TELEVISION NEWS 1-3 u

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 19. 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 units 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 Mass Media Writing and Electronic Media 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: JOURNLSM/COMM 246 or JOURNLSM/COMM 241 or COMM 234 or COMM 338. Unreq: COMM 332.

JOURNLSM 341 TELEVISION NEWS REPORTING AND PRODUCTION 3 u

Television News Reporting and Production is a course in the theory and practice of reporting and practice of reporting, photographing, writing, editing and presenting television news. Students will also enroll concurrently in Practicum in Television News (COMM/JOURNLSM 332) for one unit. Prereq: JOURNLSM 237 and COMM 238 or consent of instructor. Coreq: JOURNLSM/COMM 332

JOURNLSM 347 JOURNALISM FOR THE WEB 3 u

Students will become proficient in the use of Web-related journalistic tools to attract and retain an online audience. Topics will include site design, content management systems, social media and Web metrics. Prereq: JOURNLSM 237

JOURNLSM 350 WRITING FOR MULTIMEDIA 3 u

This course examines the stylistic and format considerations involved in the preparation of multimedia scripts and related documents such as flowcharts, treatments, proposals and other design documents. Scripting and flowcharting software is also introduced. Students will prepare treatments, proposals and scripts for both non-narrative and narrative forms of multimedia. Students will also critically examine the writing quality of various multimedia programs. Coreq: MAGD 150

JOURNLSM 351 GAME DEVELOPMENT 3 u

This course requires students to engage in and analyze a variety of interactive media: games and other forms of play. The goal is to turn a critical consciousness towards an activity that they have engaged in since birth, and consider how play changes when it is electronically mediated. Interactive media fundamentally changes the process of communication because the audience becomes more active. Users author their own experience and this fundamentally changes the role of author/architect of the medium. This course will examine audience/player experience, game/interaction content, and the effects of playing on the players. Students will analyze play experiences and learn how to develop new games. Prereq: Junior/Senior status or permission of instructor

JOURNLSM 360 MEDIA OPERATIONS AND MANAGEMENT 3 u

An overview and examination of the basic operations of newspaper, radio, television and magazine: organization and equipment, company and manager responsibilities, market analysis and product planning, distribution and pricing, social responsibilities, production and service, financial and legal questions. Prereq: JOURNLSM 212 and junior standing. Unreq: COMM 360

JOURNLSM 364 ADVERTISING AND PUBLIC RELATIONS ACCOUNT MANAGEMENT 3 u

This course provides students with specific knowledge and preparation for the effective management of a corporate department or independent agency in public relations or advertising. Special emphasis will be on insights from research and practice, especially in terms of the social and economic affects of public relations' and advertising's communication efforts. Additional analysis and assessment of operations decision making for public relations and advertising situations and cases will also be covered. Prereq: COMM 302 or JOURNLSM 322

JOURNLSM 420/620 LAW OF MASS COMMUNICATION 3 u

Study of law as applied to the mass media with particular emphasis on freedom of information, libel, privacy, contempt, commercial speech, regulation of electronic media and copyright regulation. Prereq: JOURNLSM 212 or JOURNLSM 220 or COMM 131 or COMM 232.

JOURNLSM 423 ADVERTISING CAMPAIGNS 3 u

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: JOURNLSM 275, JOURNLSM 320 and JOURNLSM 322; Coreq: JOURNLSM 364 and JOURNLSM 309

JOURNLSM 425 ADVANCED ADVERTISING CREATIVE 3 u

Students apply copywriting, layout, research, and strategy skills gained in other advertising courses to hands-on development of portfolio-quality creative materials. Projects require strong conceptualization, writing, and presentation skills and the ability to use criticism to improve creative work. Especially helpful for students planning to work in advertising writing and design. Prereq: JOURNLSM 320

JOURNLSM 430/630 COMMUNICATION AND PUBLIC OPINION 3 u

The role of the mass media of communication in the formation of public opinion. Use of social science techniques for studying public opinion will be examined. Prereq: JOURNLSM 212 or JOURNLSM 220 or COMM 232 or any course in Political Science or Sociology and jr st or cons instr.

JOURNLSM 431/631 MASS COMMUNICATION IN SOCIETY 3 u

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: COMM 131 or COMM 202 or COMM 232 or JOURNLSM 212 or JOURNLSM 220. Unreq: COMM 431/631.

JOURNLSM 485 COMMUNICATION RESEARCH METHODS 3 u

An advanced-level undergraduate survey of methodologies and issues relevant to the practice of communication research. Prereq: Junior/senior standing. Unreq: COMM 485.

JOURNLSM 486 JOURNALISM CAPSTONE: PUBLIC AFFAIRS 3 u

This senior-level course brings together those skills of writing, reporting and media production. Assignments will focus on coverage of government, including meetings and public documents. Each student will produce a capstone project in text, audio, video, still photography or a hybrid of those media. Prereq: JOURNLSM 212, JOURNLSM 237 and senior standing or consent of department chair; Coreq: JOURNLSM 309, JOURNLSM 420

JOURNLSM 490/690 WORKSHOP Repeatable 1-4 u

JOURNLSM 291/491/691 TRAVEL STUDY Repeatable 1-3 u

JOURNLSM 493A INTERNSHIP IN ADVERTISING 1-6 u

Professional experience in which the student who aspires to a career in advertising works for an approved internship setting in advertising. (A maximum of three units of Internship may be applied toward an advertising major; a maximum of two units may be applied toward an advertising minor.) Additional units may be applied toward graduation, but not toward the major or minor. Students may not register for more than 3 units at a time. Prereq: JOURNLSM 220, JOURNLSM 320 or JOURNLSM 322, 3.0 GPA in the prerequisite courses and/or consent of the instructor.

JOURNLSM 493G INTERNSHIP IN JOURNALISM 1-6 u

Professional experience in which the student who aspires to a career in journalism works for an approved internship setting in broadcasting, on-line, or print journalism. (A maximum of three units of Internship may be applied toward a Journalism major; a maximum of three units may be

applied toward a Journalism minor.) Additional units may be applied toward graduation, but not toward the major or minor. Students may not register for more than 3 units at a time.

Prereq: JOURNLISM 237 plus cons instr.

JOURNLISM 494/694 SEMINAR 1-4 u

Repeatable. Prereq: Consent of instructor.

JOURNLISM 497 EXCHANGE STUDY *Repeatable* 1-12 u

JOURNLISM 496/696 SPECIAL STUDIES 1-4 u

Repeatable. Prereq: Consent of instructor.

JOURNLISM 498 INDEPENDENT STUDY 1-3 u

Repeatable. Prereq: Jr st and cons of staff.

COURSE DESCRIPTIONS

MAGD 150 INTRODUCTION TO MEDIA ARTS AND GAME DEVELOPMENT 3 u

This interdisciplinary course provides an overview of the multimedia industry. Special attention is given to the study of multimedia applications, approaches, and related industry, policy, ethical and impact issues.

JOURNLISM/COMM 270 MULTIMEDIA PRODUCTION I: COMMUNICATION AND WEB DEVELOPMENT 3 u

This course provides a critical and practical overview of web development as a communication tool. Students will study the function of websites, critically evaluate websites, and create websites to serve as communication vehicles. The focus will be on creating interactive experiences that are both functional and engaging. The course addresses topics including storyboarding, XHTML, Cascading Style Sheets, and JavaScript. Assessment and usability testing of websites is also an important part of the course. This is a class for beginners and assumes no previous experience or expertise.

Coreq: ACINDP 150

JOURNLISM/COMM 350 WRITING FOR MULTIMEDIA 3 u

This course examines the stylistic and format considerations involved in the preparation of multimedia scripts and related documents such as flowcharts, treatments, proposals and other design documents. Scripting and flowcharting software is also introduced. Students will prepare treatments, proposals and scripts for both non-narrative and narrative forms of multimedia. Students will also critically examine the writing quality of various multimedia programs.

Coreq: ACINDP 150

COMM 238 FUNDAMENTALS OF VIDEO 3 u

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.

COMMUNICATION

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 2.50 cumulative GPA will be required to declare an emphasis of Public

Relations in the Speech major. The major GPA is based upon both the grades for courses completed at UW-W and those courses accepted in transfer.

A 2.25 cumulative GPA will be required to declare an emphasis in Electronic Media, *Organizational Communication and Interpersonal Communication in the Communication major. The major GPA is based upon both the grades for courses completed at UW-W and those courses accepted in transfer. *The Organizational Communication and Interpersonal Communication emphases will merge into the Corporate and Health Communication emphasis, effective Fall 2012. See on-line catalog for requirements.

These requirements apply to admitted freshmen and transfer students.

A minimum 2.25 GPA is required in the major for graduation.

All students are required to fulfill a writing requirement prior to graduation. Each emphasis in the Department of Communication specifies how that requirement will be met. Details on fulfilling the writing requirement are available on the department website.

Applied credit activities in speech communication. Unit for activities may be earned in radio (SPEECH 230), Audio (SPEECH 293) or Cable TV (SPEECH 231, SPEECH 331), or Forensics (SPEECH 263). A maximum of 6 units thus earned will count toward the 120 units necessary for graduation. Four of the 6 units from speech communication activities may count toward the 36 or 37 units necessary for the major. Two units may count toward the 22 unit minors in elementary and secondary education (see the activities specified in the requirements for the minor). Activity units may not be substituted for any required courses.

COMMUNICATION PUBLIC RELATIONS EMPHASIS (BA/BS)

MAJOR - 36 UNITS

1. COMM 202, COMM 203, COMM 204, COMM 275, COMM 302 AND COMM 402

2. COMM 345 AND COMM 424

3. SELECT 6 UNITS FROM:

MAGD 150, JOURNLISM 220, JOURNLISM/COMM 241, JOURNLISM 248, JOURNLISM 303, JOURNLISM 310, JOURNLISM 315, JOURNLISM/COMM 364, COMM 303, COMM 240, COMM 363, COMM 493I

substituted for these electives with the approval of the student's advisor.

4. SELECT 6 UNITS FROM:

JOURNLISM 420, JOURNLISM 430, COMM 326, COMM 327, COMM 328, COMM 420, COMM 422, COMM 431, COMM 460, COMM 485, COMM 491, COMM 498 (No more than two units/term can be applied to the major.), MARKETNG 311

Note: Other theory-oriented courses, 300 level or above, may be substituted for these electives with the approval of the student's advisor.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

A 2.5 GPA is required to declare this emphasis. A 2.25 GPA is required for graduation.

COMMUNICATION ELECTRONIC MEDIA EMPHASIS (BA/BS)

MAJOR - 37 UNITS

1. COMM 232, COMM 239, COMM 238 and COMM 487

2. SELECT 9 UNITS FROM ELECTRONIC MEDIA APPLICATION COURSES

COMM 230, COMM 231, COMM 320, COMM 330, COMM 331, COMM 332, COMM 335, COMM 493E OR JOURNLISM 246

3. SELECT 6 UNITS FROM ORAL COMMUNICATION COURSES

- COMM 234, COMM 240 OR COMM 242
4. SELECT 6 UNITS FROM MASS COMMUNICATION THEORY/INDUSTRY AND CINEMA COURSES (COMM 236 OR COMM 339), COMM 305, COMM 333, COMM 431, COMM 440, COMM 494 OR JOURNLSM 420
 5. SELECT 6 UNITS FROM COMMUNICATION THEORY/APPLIED THEORY COURSES COMM 228, COMM 321, COMM 325, COMM 327, COMM 345, COMM 420, COMM 422, COMM 424, COMM 485 OR COMM 491
 6. 12 UNITS MUST BE TAKEN AT 300 AND 400 LEVEL. A MAXIMUM OF 5 PRACTICUM UNITS MAY COUNT IN THE MAJOR.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR
A 2.25 GPA is required to declare this emphasis. A 2.25 is required for graduation.

COMMUNICATION ORGANIZATIONAL COMMUNICATION EMPHASIS (BA/BS)

MAJOR - 36 UNITS

1. COMM 242
2. COMM 420
3. COMM 422
4. COMM 424
5. COMM 485
- 6.. COMM 244
7. COMM 327
8. COMM 429
9. COMM 489
10. SELECT 9 UNITS FROM COMM COURSES:
3 OF THE 9 UNITS MUST BE AT THE 200 LEVEL OR ABOVE; 6 OF THE 9 UNITS MUST BE AT THE 300 LEVEL OR ABOVE

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR
A 2.25 GPA is required to declare this emphasis. A 2.25 is required for graduation.

*COMMUNICATION INTERPERSONAL COMMUNICATION (BA/BS)

MAJOR - 36 UNITS

1. COMM 228, COMM 368
2. COMM 422, COMM 485, COMM 424
3. COMM 240, COMM 242, COMM 321, COMM 325, COMM 326, COMM 327, COMM 328, COMM 420, COMM 431, COMM 491, COMM 493
4. SELECT ONE OF THE COGNATE AREAS:
 - A. COGNATE AREA 1
 1. COMM 345, COMM 460
 2. SELECT 2 COURSES FROM:
COMM 325, COMM 328, COMM 344, COMM 445
 - B. COGNATE AREA 2
 1. COMM 363, COMM 463
 2. SELECT 2 COURSES FROM:
COMM 242, COMM 326, COMM 328, COMM 420

A 2.25 GPA is required to declare this emphasis. A 2.25 is required for graduation. *The Organizational Communication and Interpersonal Communication emphases will merge into the Corporate and Health Communication emphasis, effective Fall 2012. See on-line catalog for requirements.

MINOR/EMPHASES

COMM 110 will not count toward the minor. Activity units (COMM230, COMM 231, COMM 331 and JOURNLSM 251) will not count toward the minor in liberal arts.

COMMUNICATION

MINOR - 24 UNITS

1. COMM 431 OR COMM 422 AND COMM 424
2. SELECT 18 ELECTIVE UNITS IN COMM WITH A COMMUNICATION ADVISER (EXCEPT COMM 110). 9 UNITS MUST BE AT THE 300 OR 400 LEVEL.

** COMM 431 carries a prerequisite that could count towards the minor.
Note: 2.25 GPA required to declare Communication minor; 2.25 GPA required to graduate with a Communication minor. If majoring and minoring within the Department student must have a 2.75 in the first three Communication Department classes taken (with the exception of Comm 110 and Comm 131 to declare the minor.

COMMUNICATION PUBLIC RELATIONS EMPHASIS

MINOR - 24 UNITS

1. COMM 202, COMM 203, COMM 204, COMM 275, COMM 302 AND COMM 402
2. 6 CREDITS FROM COURSES:
MAGD 150, JOURNLSM 220, JOURNLSM/COMM 241, JOURNLSM 248, JOURNLSM 303, JOURNLSM 310, JOURNLSM 315, JOURNLSM 420, JOURNLSM 430, COMM 240, COMM 303, COMM 326, COMM 327, COMM 345, COMM 363, JOURNLSM/COMM 364, COMM 422, COMM 424, COMM 460, COMM 491, COMM 493, COMM 493C, COMM 493E, COMM 493I, COMM 498, MARKETNG 311

Note: 2.25 GPA required to declare Public Relations minor; 2.25 GPA required to graduate with a Public Relations minor. If majoring and minoring within the Department student must have a 2.75 in the first three Communication Department classes taken (with the exception of Comm 110 and Comm 131 to declare the minor.

COMMUNICATION ELEMENTARY EMPHASIS

MINOR - 22 UNITS

1. COMDIS 270, COMDIS 380, COMM 420 AND COMM 424
2. THEATRE 325
3. 8 ELECTIVE UNITS IN COMM, EXCEPT COMM 110, SELECTED WITH A COMMUNICATION ADVISER
A MAXIMUM OF 2 UNITS OF COMM ACTIVITIES (COMM 230, COMM 231 AND COMM 331) MAY BE APPLIED TO THE MINOR

COMMUNICATION SECONDARY EMPHASIS

MINOR - 24 UNITS

1. COMM 131
2. COMM 240 AND COMM 242
3. COMM 321 AND COMM 325
4. COMM 420
5. COMM 344 OR COMM 345
6. SELECT 3 ELECTIVE UNITS FROM COMM (EXCEPT COMM 110) WITH COMM ADVISER
7. A MAXIMUM OF 2 UNITS OF COMM ACTIVITIES (COMM 230, COMM 231 AND COMM 331) MAY BE APPLIED TO THE MINOR.

COURSE DESCRIPTIONS

COMM 110 INTRODUCTION TO HUMAN COMMUNICATION

Proficiency

3 u

A basic course designed to help students increase their effectiveness in public

speaking and interpersonal communication through learning current theory and developing skills through actual classroom experiences. A beginning course in principles of oral communication designed to develop confidence and precision through classroom speaking. For information about the waiver examination see the Proficiency/General Studies Requirements section of this Bulletin. Students may not take for credit any course for which they have received a waiver, nor may they take for credit any course in the same department that is a prerequisite for a course that has been waived (e.g., if a student has been waived from Speech 234, he may not take Speech 110 for credit).

COMM 131 INTRODUCTION TO MASS COMMUNICATION *GS* 3 u

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.

COMM 202 PRINCIPLES OF PUBLIC RELATIONS 3 u

An introduction to the principles, processes and techniques of public relations as they are used in business, government and nonprofit organizations.

COMM 203 PUBLIC RELATIONS TACTICS I 3 u

A beginning exploration of public relations communication styles as they apply to various media, including news releases, public service messages, media alerts, newsletters and brochures.

Coreq: COMM 202.

COMM 204 PUBLIC RELATIONS TACTICS II 3 u

An intermediate exploration of public relations communications styles as they apply to various media, including research, image releases, video news releases, multimedia presentations and proposals.

Prereq: COMM 202 and COMM 203.

COMM 228 INTERPERSONAL COMMUNICATION *GS* 3 u

Theory and exercises in interpersonal communication situations. Basic theory, self disclosure, listening, conflict, trust and other topics will be examined.

COMM 230 RADIO PRACTICUM 1 u

A laboratory course in which the student participates in at least one area of radio broadcasting: Announcing, engineering, interviewing, or publicity. Repeatable.

COMM 231 PRACTICUM IN CABLE TELEVISION PRODUCTION 1 u

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 units in major/degree.

COMM 232 FOUNDATIONS OF ELECTRONIC MEDIA *GS* 3 u

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.

COMM 234 ELECTRONIC MEDIA ANNOUNCING 3 u

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: COMM 110.

COMM 236 INTRODUCTION TO CINEMA *GA* 3 u

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.

COMM 238 FUNDAMENTALS OF VIDEO PRODUCTION 3 u

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.

COMM 239 FUNDAMENTALS OF AUDIO PRODUCTION 3 u

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.

COMM 240 PUBLIC SPEAKING *GH* 3 u

Study of the theory and techniques of public address with required presentation of speeches.

Prereq: COMM 110.

COMM 241 ELECTRONIC MEDIA COPYWRITING 3 u

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: JOURNLSM 241.

COMM 242 SMALL GROUP COMMUNICATION 3 u

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: COMM 110.

COMM 244 COMMUNICATION AND INTERVIEWING 3 u

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: COMM 110.

COMM 246 ELECTRONIC MEDIA NEWSWRITING AND PRODUCTION 3 u

Development of the skills of broadcast news gathering, writing, and editing with primary emphasis on radio.

Prereq: JOURNLSM 227. Unreq: JOURNLSM 246.

COMM 263 PRACTICUM IN FORENSICS 1 u

Participation in public address or interpretation events in intercollegiate contest situations. May be retaken.

COMM 275 ADVERTISING AND PUBLIC RELATIONS RESEARCH LITERACY 3 u

Students will learn about information gathering for communication planning. They will learn to assess the quality of research reports. Students will study survey and group research methods. They will examine subscription data sources commonly used for advertising and public relations and learn about media tracking and Web page evaluation.

Prereq: JOURNLSM 220 or COMM 202

COMM 285 SOCIAL MEDIA OPTIMIZATION & THE NEW WEB 3 u

'Social Media Optimization' will teach students how to engage with online communities to generate publicity and manage the images and issues of organizations. This cutting-edge, timely curriculum will require students to investigate the most compelling topics confronting organizations and individuals striving to extract value from the dynamic, participatory, ever-changing 'new web.'

Prereq: Sophomore standing or consent of instructor Unreq: JOURNLSM

COMM 293 AUDIO PRACTICUM 1 u
Students will develop their skills in audio technology and application through practical experience working in sound reinforcement and studio recording environments.
Prereq: COMM 239 or MUSC 290 or consent of instructor.

COMM 294 WEB VIDEO & THE GAME INDUSTRY - GAMEZOMBIE PRACTICUM 3u
The GameZombie practicum will provide students the opportunity to produce a globally distributed game media web series, strengthen multimedia production skills, and develop expertise in cutting edge game industry topics. Students will greatly enhance their portfolios, industry connectedness, and global web presence by participating in this practicum experience.
Prereq: COMM 238 or consent of instructor Unreq: JOURNLSM 294

COMM 302 PUBLIC RELATIONS STRATEGIES 3 u
An examination, using case studies, of the theories and research which support the selection of various public relations strategies to solve problems. Issues such as responding to crisis situations, applying ethical principles to public relations problems and assessing the use of emerging technologies in public relations are also addressed.
Prereq: COMM 202 and COMM 203.

COMM 303 PUBLIC RELATIONS PRACTICUM 1-3 u
Planning and execution of public relations tactics, e.g., newsletters, media relations programs, special events, etc., for client organizations under the direction of a faculty member. (A maximum of two units may be applied to the Speech Communication Major and maximum of two units may be applied to the Speech Communication Minor. An additional unit may be applied toward graduation, but not to the major or minor.)
Prereq: COMM 202, COMM 203 and COMM 204 and consent of instructor.

COMM 305/505 HISTORY OF MASS COMMUNICATION 3 u
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: JOURNLSM 305/505.

COMM 320/520 ADVANCED AUDIO TECHNIQUES 3 u
An advanced level course that studies the utilization of multi-track digital systems in broadcast, recording and sound re-enforcement environments. Students critique and analyze existing works and produce related audio materials in various genres.
Prereq: COMM 239 or consent of instructor.

COMM 321 NONVERBAL COMMUNICATION 3 u
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: COMM 110 or its equivalent.

COMM 325 PSYCHOLOGY OF SPEECH GS 3 u
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.

COMM 326/526 COMMUNICATION AND GENDER 3 u
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: COMM 110.

COMM 327 INTRODUCTION TO ORGANIZATIONAL COMMUNICATION 3 u
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: COMM 110.

COMM 328/528 COMMUNICATION CONFLICT RESOLUTION 3 u
This course provides a communications perspective of the nature and possible methods of resolution of conflict.
Prereq: COMM 110.

COMM 330 CORPORATE AND INDUSTRIAL VIDEO PRODUCTION 3 u
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: COMM 238.

COMM 331 PRACTICUM IN PRODUCING AND DIRECTING FOR CABLE TELEVISION 1-3 u
Participation of a program producer and/or director for television programming created for the University cable television system, Cable 19. Repeatable for a maximum of 4 units in major/degree.
Prereq: Cons instr.

COMM 332 PRACTICUM IN TELEVISION NEWS 1-3 u
Participation in the planning and production of regularly scheduled television newscasts created for the University cable television system, Cable 19. Students will earn from one (1) to three (3) units during the semester, depending upon assigned responsibilities. Repeatable for a maximum of four (4) units in major/degree.
Prereq: Consent of instructor

COMM 333 PRINCIPLES OF ELECTRONIC MEDIA PROGRAMMING 3 u
An examination of radio and television as a major communication industry with particular emphasis on those factors which influence program content.
Prereq: COMM 131 or COMM 232.

COMM 335/535 ADVERTISING VIDEO PRODUCTION 3 u
Students develop and apply advanced studio and field video production skills for the production of television advertising.
Prereq: COMM 238.

COMM 340/540 SPEECH WRITING 3 u
Students learn about the principles and process for researching, writing and delivering formal speeches that they may give or prepare for others to present. Students will write speeches and presentations for particular occasions. The course also covers strategies for handling public speaking opportunities and counseling speakers about their speaking skills and the varying demands of public speaking occasions.
Prereq: COMM 110.

COMM 341 TELEVISION NEWS REPORTING AND PRODUCTION 3 u
Television News Reporting and Production is a course in the theory and practice of reporting and practice of reporting, photographing, writing, editing and presenting television news. Students will also enroll concurrently in Practicum in Television News (COMM/JOURNLSM 332) for one unit.
Prereq: JOURNLSM 237 and COMM 238 or consent of instructor.
Coreq: JOURNLSM/COMM 332

COMM 345 PERSUASION**3 u**

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: COMM 110.

COMM 346 SOUND AND IMAGE: AN EXPLORATION OF SOUND FOR/WITH VISUAL MEDIA**GA 3 u**

This course will explore the ways in which sound and music have been utilized in conjunction with images in diverse media including films, video games, video art, cartoons, music videos, television and live performance.

COMM 350 WRITING FOR MULTIMEDIA**3 u**

This course examines the stylistic and format considerations involved in the preparation of multimedia scripts and related documents such as flowcharts, treatments, proposals and other design documents. Scripting and flowcharting software is also introduced. Students will prepare treatments, proposals and scripts for both non-narrative and narrative forms of multimedia. Students will also critically examine the writing quality of various multimedia programs.

Coreq: MAGD 150

COMM 351 GAME DEVELOPMENT**3 u**

This course requires students to engage in and analyze a variety of interactive media: games and other forms of play. The goal is to turn a critical consciousness towards an activity that they have engaged in since birth, and consider how play changes when it is electronically mediated. Interactive media fundamentally changes the process of communication because the audience becomes more active. Users author their own experience and this fundamentally changes the role of author/architect of the medium. This course will examine audience/player experience, game/interaction content, and the effects of playing on the players. Students will analyze play experiences and learn how to develop new games.

Prereq: Junior/Senior status or permission of instructor

COMM 360 MEDIA OPERATIONS AND MANAGEMENT**3 u**

An overview and examination of the basic operations of newspaper, radio, television, magazine, advertising/public relations agency and new information technologies: organization and equipment, company and manager responsibilities, market analysis and product planning, distribution and pricing, social responsibilities, production and service, financial and legal questions, and public and employee relations.

Prereq: JOURNLSM 212 and Junior standing.

Unreq: JOURNLSM 360

COMM 363 HEALTH COMMUNICATION AND SOCIAL SUPPORT**3 u**

This course provides an overview on the field of health communication, with special emphasis given to theory and research on social support messages. Factors that influence the provision and reception of social support messages are examined in a variety of different contexts (e.g., relational, familial, support group, workplace, on-line). Assessment of health communication messages occurring while giving social support, dilemmas of social support interactions and failures in the communication of health messages are also considered.

Prereq: COMM 110

COMM 364 ADVERTISING AND PUBLIC RELATIONS ACCOUNT MANAGEMENT**3 u**

This course provides students with specific knowledge and preparation for the effective management of a corporate department or independent agency in public relations or advertising. Special emphasis will be on insights from research and practice, especially in terms of the social and economic affects of public relations' and advertising's communication efforts. Additional analysis and assessment of operations decision making for public relations and advertising situations and cases will also be covered.

Prereq: COMM 302 or JOURNLSM 322

COMM 368 FAMILY COMMUNICATION**3 u**

This course is designed to enhance students' understanding of communication in familial relationships. Topics such as parent-child relationships, sibling relationships, family stereotypes, aging family members, and cultural variations in family interactions will be covered.

Prereq: COMM 228

COMM 402 PUBLIC RELATIONS PLANNING**3 u**

Application of public relations principles, tactics and strategies to a client's public relations problem or opportunity, through the development and use of public relations planning skills.

Prereq: COMM 202, COMM 203, COMM 204 and COMM 302.

COMM 420 LISTENING BEHAVIOR**GS 3 u**

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. Also included is an overview of approaches to 1) listening in the schools and 2) training in business-industry. Also included is an overview of approaches to 1) teaching listening in the schools and 2) training in business-industry.

Prereq: COMM 110 or equiv or cons instr.

COMM 422 COMMUNICATION THEORIES**3 u**

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.

Prereq: Junior standing

COMM 424/624 CROSS CULTURAL COMMUNICATION**GS/Diversity****3 u**

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.

Prereq: COMM 110

COMM 427/627 COMMUNICATION TRAINING IN ORGANIZATIONS**3 u**

This is an advanced level course that focuses on identifying, evaluating, and enhancing the communicative competencies behind the functioning of contemporary organizations.

Prereq: COMM 327/527.

COMM 429/629 ORGANIZATIONAL COMMUNICATION NEEDS ANALYSIS**3 u**

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: COMM 327, COMM 244 and (JOURNLSM 485 or COMM 485) or consent of instructor.

COMM 431/631 MASS COMMUNICATION IN SOCIETY**3 u**

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: COMM 131 or COMM 202 or COMM 232 or JOURNLSM 212 or JOURNLSM 220. Unreq: JOURNLSM 431/631.

COMM 440/640 NEW COMMUNICATION TECHNOLOGIES**3 u**

This course examines the major innovations in the telecommunication industry. Students will explore alternative regulatory contexts in which these systems can develop and address the implications of these developments

in a variety of social, institutional and philosophical contexts.

Prereq: MAGD 150 or JOURNLSM 212 or JOURNLSM 220 or COMM 131 or COMM 232 or junior standing.

COMM 460 APPLIED PERSUASION 3 u

This course advances the application of the basic theories, practice, and research methodology of persuasion. Students will be asked to integrate and extend their knowledge and experience of persuasion in interpersonal, public, and/or organizational contexts. Upon completion of the course, students will have a series of portfolio materials in applied persuasion projects under faculty supervision.

Prereq: COMM 345

COMM 463 APPLIED COMMUNICATION IN HEALTH AND WELLNESS 3 u

This advanced level course integrates health communication theory and practices, analyzing the application of communication theory in a variety of health and wellness contexts, such as smoking cessation, HIV/AIDS prevention and cancer detection. Students will demonstrate understanding of applied principles by critiquing and developing health campaign messages during the semester.

Prereq: COMM 363

COMM 485 COMMUNICATION RESEARCH METHODS 3 u

An advanced-level undergraduate survey of methodologies and issues relevant to the practice of communication research.

Prereq: Junior/senior standing. Unreq: JOURNLSM 485.

COMM 487 SENIOR ELECTRONIC MEDIA PROJECT 1-2 u

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, Studio Video Production and Fundamentals of Video Production.

COMM 489 ADVANCEMENTS IN ORGANIZATIONAL COMMUNICATION 3 u

This is an advanced level course that exposes students to higher level organizational communication concepts and theories, which are applied and integrated within various contexts. Concentration on current/selected advancements in organizational communication with emphasis on supplemental readings and course materials.

Repeatable. Prereq: COMM 327.

COMM 490/690 WORKSHOP 1-6 u

COMM 291/491/691 TRAVEL STUDY Repeatable 1-3 u

COMM 493C INTERNSHIP IN COMMUNICATION 1-3 u

Professional experience in which the student who aspires to a career in organizational communication/public communication/interpersonal communication works for an approved employer in his/her area of interest. (A maximum of three units of internship may be applied toward a speech communication major; a maximum of two units may be applied toward a speech communication minor). Three additional units may be applied toward graduation, but not toward the major or minor. Students may only register for 3 units at a time.

Prereq: Jr or sr st, cons instr and those courses deemed necessary by the internship advisor.

COMM 493E INTERNSHIP IN ELECTRONIC MEDIA 2-3 u

Professional experience in which the student works in the electronic media industries under the supervision of a professional. (A maximum of three units of internship may be applied toward a speech communication major; a maximum of three units may be applied toward a speech communication minor.) Three additional units may be applied toward graduation, but not toward the major or minor. Students may only register for 3 units at a time.

Prereq: COMM 232 and COMM 238 or COMM 239 and approval of supervisor. Restricted to students with Junior or Senior status.

COMM 493I PUBLIC RELATIONS INTERNSHIP 3-6 u

Professional experience in which the student who aspires to a career in public relations, works for an approved internship setting in his/her area of interest. A maximum of three units of internship may be applied toward a speech communication major; a maximum of three units of internship may be applied toward a speech communication major or to a speech communication minor. Additional units may be applied toward graduation, but not toward the major or minor.

Prereq: COMM 203 and consent of instructor.

COMM 493M MAGD INTERNSHIP 3 u

The MAGD Internship is a hands-on multimedia work experience that counts toward the Media Arts & Game Development Degree offered through the College of Arts & Communication. The course fits within Tier 2 of MAGD's Communication/Gaming Emphasis and may satisfy 3 credits toward the MAGD degree.

Prereq: Declared major or minor in MAGD program, completion of 9 units (including MAGD 150) from the MAGD course or Tier 1 of the Communication track, 2.5 overall GPA, and consent of instructor

COMM 494 SEMINAR 1-6 u

Repeatable. Prereq: Junior standing and consent of instructor.

COMM 496/696 SPECIAL STUDY 1-3 u

Repeatable. Prereq: Junior standing and consent of instructor.

COMM 497 EXCHANGE STUDY Repeatable 1-12 u

COMM 498 INDEPENDENT STUDY 1-3 u

Repeatable. Prereq: Junior standing or consent of instructor.

MODULES

AUDIO STUDIES MODULE

An opportunity for students with an interest in audio technology to develop a strong base in audio theory while also garnering experience in sound reinforcement, broadcast production, multimedia and two- and multi-track music recording. Using an interdisciplinary focus, courses are taken from the communication, music and physics departments. Audio practica are scheduled at WSUW-FM, at the Young Auditorium, the Music and Theatre/Dance Departments and the University Center.

REQUIREMENTS 9-12 UNITS

STUDENTS MUST SELECT A SEQUENCE THAT CONTAINS COURSES FROM OUTSIDE THEIR MAJORS. COURSES FOR THE MODULE CANNOT BE COUNTED FOR THE MAJOR WITH EXCEPTION OF THE AUDIO PRACTICUM.

1. AUDIO PRACTICUM (3 UNITS)
THEATRE 203 OR THEATRE 308 OR COMM 230
2. COGNATE AREAS (6-9 UNITS)
SELECT ONE SEQUENCE
 1. PHYSCS 160, PHYSCS 161, PHYSCS 240 OR MUSC 452
 2. MUSC 150, MUSC 452, PHYSCS 240 OR MUSC 151 OR COMM 239
 3. COMM 239, COMM 320, PHYSCS 240

CRIME REPORTING MODULE

This carefully selected cluster of courses will enhance an understanding of the criminal justice system for journalism students and provide criminal justice students with the communication skills necessary to become effective advocates for their discipline. This module may be completed at the UW-Whitewater campus or at Deakin University in Australia. The option to complete the module at Deakin will further enhance the abilities of both constituencies by providing a tangible model of a comparative system that will facilitate an appreciation for the unique characteristics of both the American criminal justice and media systems. The UW-W Sociology and Communication departments have existing relationships with their peer departments at Deakin University and have identified an extensive list of equivalent courses, including those listed in this module. UW-W faculty has working and research relationships with Deakin faculty and both institutions have established operational agreements regarding registration, tuition and housing.

Comparative Crime Reporting Module (International Option)
 12 Credits at Deakin Outside of Major
 One Semester Study at Deakin, Geelong campus
 (4 units=12 UW-W credits)
 Module maximum is 12 hours

For UW-Journalism Majors/Minors	For UW-Criminal Justice Majors/Minors
<p>1st Semester Classes Select 3 of following 4 classes (9 credits) ASC 270 Sociology and the Law (1 unit) ASC 246 Sociology of the Media and Pop Culture (1) ASL 111 Criminal Justice System (1) ASL 206 Community Oriented Policing (1)</p> <p style="text-align: center;">PLUS</p> <p>Elective (1) Select elective on Australian history, culture, etc. with consent of advisor (does not count toward module.)</p>	<p>1st Semester Classes Select the following 3 classes (9 credits) ALJ 111 Contemporary Journalism (1) ALJ 313 The Writer and the Law (1) ALC 101 Introduction to Communication A (1)</p> <p style="text-align: center;">PLUS</p> <p>Elective (1) Select elective on Australian history, culture, etc. with consent of advisor. Does not count toward module.</p>

PLUS (3 credits)

The following courses at UW-W
 Sociology 276 Intro to Criminology (at UW-W) (3)
 Journlsm 420 Law of Mass Communication (at UW-W) (3)

2nd Semester Classes	2nd Semester Classes
<p>Select 3 of following 4 classes (9 credits) ASL 112 Police and Society (1) ASL 204 Issues and Ethics in Policing (1) ASL 205 Police, Drugs and Society (1) ASL 310 Police Studies/Crim. Research Project (1)</p> <p style="text-align: center;">PLUS</p> <p>Elective (1) Select elective on Australian history, culture, etc. with consent of advisor. Does not count toward module.</p>	<p>Take the following 3 classes (9 credits) ALJ 112 Comparative Journalism Studies (1) ALJ 320 Research into Australian Journalism (1) ALC 102 Introduction to Communication B (1)</p> <p style="text-align: center;">PLUS</p> <p>Elective (1) Select elective on Australian history, culture, etc. with consent of advisor. Does not count toward module.</p>

PLUS (3 credits)

The following course at UW-W
 Sociology 276 Intro to Criminology (at UW-W) (3)
 Journlsm 420 Law of Mass Communication (3)

Criminal Justice students may not count module courses for a journalism/advertising minor.

Journalism students may not count module courses for a criminal justice/sociology minor.

A UW-W student must register for 4 units (12 credits) to be eligible for financial aid.

Course requirements differ each semester due to the schedule of course offerings at the Geelong campus.

Crime Reporting Module (On Campus Option)
 9-12 Credits Outside of Major

On campus option
 Module maximum is 12 hours
 All listed courses are worth 3 credits

For UW-Journalism Majors/Minors	For UW-Criminal Justice Majors/Minors
<p>Sociology 276 Intro to Criminology Plus 3 of the following classes Sociology 370 Juvenile Delinquency Sociology 372 White Collar Crime Sociology 374 Police and the Courts Sociology 378 Control and Rehabilitation of the Offender Sociology 365 Sociology of the Law</p>	<p>Journlsm 243 Newswriting Journlsm 244 Reporting Plus 2 of the following classes Journlsm 246 Electronic Media Newswriting and Production Journlsm 303 Feature Writing Journlsm 406 Reporting Public Affairs Journlsm 420 Law of Mass Communication</p>

Criminal Justice students may not count module courses for a journalism/advertising minor.

Journalism students may not count module courses for a criminal justice/sociology minor.

MODULE IN ANDEAN STUDIES

The Module in Andean Studies is for students of any discipline who have an interest in study or work abroad who wish to go beyond the short-term travel or tours. Students will have the opportunity to explore their particular disciplines and intensively study the Spanish language in a Latin American context over an entire semester. Students will live in Cuenca, Ecuador, with Ecuadoran families, for an entire semester and take several courses: (1) 6-8 units of intensive Spanish; (2) travel-study 491—3 units. The travel-study course will include classroom lectures, extensive travel within Ecuador and research and testing. The course will focus intensively on the social, cultural, political and economic realities of Ecuador and Latin America. (3) Speech 424, Cross-Cultural Communication [may be taken on campus prior to departure or upon returning to UW-Whitewater]. Students may also take other courses related to their major (which do not count toward module) in Ecuador and/or online with an instructor at UW-Whitewater. Total units for module: 12-14 units.

Students may choose 12-18 credits from the following courses:

Course Number	Course Title	Credits
COMM 491	Travel Study in Ecuador*	3
COMM 424	Cross Cultural Communication**	3
COMM /Journlsm 341	TV News Production (permission of instructor)	3
Spanish 141-142	Beginning Spanish***	3
Spanish 251-252	Intermediate Spanish***	3
Spanish 321	Advanced Spanish Language***	3
Spanish 322	Advanced Spanish Language***	3
Spanish 334	Spanish American Readings***	3
Spanish 360	Spanish American Civilization***	3
Spanish 390	Spanish Conversation ***	3
COMM/Journlsm 491	Independent Study	1-3

(Other classes to be determined)

*Mandatory for all participants

**Fulfills diversity requirement

***Each three or four-credit course offered over 7 1/2 weeks each

****Via internet to be arranged by individual students with US instructor.

All Spanish courses carry GH credit.

DEPARTMENT OF MUSIC

Phone: 262-472-1310
 800-621-8744

E-Mail: music@uwm.edu

Faculty: J. Michael Allsen (Chairperson), Karen Boe, MyungHee Chung, Julie Cross, Michael Dugan, Christian Ellenwood, Robin Fellows, George Ferencz, Jane Ferencz, Robert Gehrenbeck, Frank Hanson, Kenneth Harned, Glenn Hayes, Alena Holmes, Jeff Herriott, Brian Leeper, Matan Rubinstein, Matthew Sintchak, John Tuinstra, Benjamin Whitcomb, Tobie Wilkinson.

Through its Bachelor of Music and Bachelor of Arts degree programs the Music Department offers its majors high-quality instruction and performance opportunities to prepare them for careers and/or advanced study in such areas as public school music teaching, performance, music theory or musicology, and studio teaching, as well as for the wide range of opportunities that exist in the music field. By completing a Minor in Music, students can gain not only personal satisfaction but knowledge and experience that can be of value as they pursue a chosen career.

The Department sponsors a variety of performing ensembles, which are open to all university students. Vocal groups include the Concert Choir, Chamber Singers, Women's Chorale, Meister Singers (Men's Chorus), Main Street Vocal Jazz, and Opera Workshop. Instrumental groups include the Symphonic Wind Ensemble, Whitewater Symphony Orchestra, Concert Band, Marching Band, Jazz Bands, Brass Choir, Flute Choir, Clarinet Choir, Trombone Choir, Percussion Ensemble, and chamber groups. All provide rich and varied musical experiences and the opportunity to meet and perform with many talented musicians.

The UW-Whitewater Music Department is a fully accredited member of the National Association of Schools of Music. Prospective music majors may find application materials, audition requirements, and a schedule of audition on the Music Department website.

PROGRAM REQUIREMENTS AND DEPARTMENTAL POLICIES

Auditions

Students desiring to major or minor in music must pass an audition in their primary performing area. If this cannot be completed before initial registration, music major status will be conditional pending a successful entrance audition. Minors may enroll for applied music study (lessons) only with the permission of instructor and department, but applied study is not necessary to the completion of the minor.

Waivers

Entering majors or minors may, through the Advanced Placement Examination, be waived from Music Theory I (MUSC 151), Music Theory II (MUSC 152) and Aural Skills I (MUSC 153), depending on AP scores. Total units required for graduation, however, remain unchanged.

Note to non-music majors: The one-unit instrumental and vocal ensembles may be repeated. Though all such music ensemble units earned will appear on your transcript, no more than six will be applied toward graduation. All ensembles, except MUSC 169 Marching Band, carry General Education ARTS (GA) credit. MUSC 169 carries Physical Education (GP) credit.

Other Requirements - Music Department Handbook

The Music Department Handbook contains important information which, due to space limitations, is not printed in the Catalog. Students are responsible for familiarizing themselves with its contents. The Handbook is updated as policies change or are added. All enrolled majors and minors-regardless of admission date-are bound by policies outlined in the most recent revision of this Handbook. This handbook may be found at <http://academics.uww.edu/CAC/Music/Handbook>.

Applied Music Study: Terminology and Policies

The term "Primary Performing Area" refers to the student's main performing medium - the one in which he/she must pass an entrance audition in order to be accepted as a music major, will receive instruction, and will be expected to maintain satisfactory progress over the course of study. For applied

study in the Primary Performing Area, courses are arranged by level (for example, MUSC 160, MUSC 260, MUSC 360, and MUSC 460, in the case of instrumental instruction), which normally correspond to the freshman through senior years of enrollment.

Ordinarily a music major will have only one Primary Performing Area and will not change that area during the course of study. If a change is desired, the student must re-audition in the new performing area, and if successful, would be placed at the first term freshmen level for lessons in the new area. This change must have the consent of a) the department chairperson, b) the appropriate applied music area coordinator(s), and c) the two applied music instructors involved.

Applied music study (class or private, required or elective) required by a student's curriculum is termed "Secondary" or "Non-Primary" study. In the case of private instruction, the course numbers MUSC 126, MUSC 127, MUSC 128, MUSC 129, MUSC 326, MUSC 327, and MUSC 328 apply to such secondary study.

Elective applied study is available for music minors, majors choosing to study a second area, majors who want to study beyond the curricular requirements or non-music students. However, "elective" lessons (MUSC 120, MUSC 121, or MUSC 122) are available only by consent of the department chair.

Units: For all private applied study, a half-hour of instruction per week will receive one unit, with a maximum of one hour of instruction for two or more units. A minimum of five hours of individual practice per week are required for each unit taken.

Writing Proficiency Requirement

In order to pass the writing requirement as a music major, students do one of the following: 1) achieve a grade of B or better in a required paper in one of the following courses: MUSC 438 (Medieval Music), MUSC 445 (Renaissance Music), MUSC 447 (Music of the Classical Period), MUSC 448 (Music of the Romantic Period), MUSC 450 (Survey of World Musics), MUSC 455 (Form and Analysis), or MUSC 463 (Music After 1900); 2) take and pass the writing portion of the PPST (required for all music majors with an emphasis in music education), or 3) pass ENGLISH 370 (Advanced Composition). Students may attempt to pass the writing requirement only once within a single course, but may attempt it again by taking other courses listed above. Students must notify the instructor of the course in writing that they will attempt to pass the writing proficiency.

MAJORS/EMPHASES

The Music Department offers two undergraduate major programs, the Bachelor of Arts (BA) and Bachelor of Music (BM). Five emphases are possible under the Bachelor of Music program: Music Performance, Music History-Theory, Choral Music Education, Instrumental Music Education, and General Music Education.

Major and related course requirements for the BA and each of the five emphases for the BM degree are listed below. Immediately following is a series of notes related to applied music study and other requirements for these programs.

MUSIC (BA)

MAJOR - 41 UNITS

1. 6 TERMS OF MUSC 100
2. MUSC 151, MUSC 152, MUSC 251, MUSC 252
3. MUSC 153, MUSC 154, MUSC 253, MUSC 254
4. MUSC 195, MUSC 245, MUSC 246, MUSC 247
5. MUSC 455

SELECT 12 UNITS WITH ADVISOR FROM THE FOLLOWING LIST OF APPLIED AND ELECTIVE MUSIC COURSES:

6 terms of Primary Applied Instruction (See Note 1)	6 u.
2 terms of MUSC 128 and/or Class Piano (unless Primary Applied is Keyboard)	0-2 u.
4 terms of ensembles (See note 9)	4 u.
Music electives other than ensembles	<u>2 u.</u>
TOTAL UNITS	12 u

UNITS OUTSIDE THE 1ST MAJOR - 70 UNITS

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

NOTE: AN APPROVED MINOR IS REQUIRED FOR BA MUSIC MAJORS

MUSIC - VOCAL PERFORMANCE EMPHASIS (BM)

MAJOR - 81 UNITS

1. 8 TERMS OF MUSC 100
2. MUSC 151, MUSC 152, MUSC 251, MUSC 252
3. MUSC 153, MUSC 154, MUSC 253, AND MUSC 254
4. MUSC 245, MUSC 246, AND MUSC 247
5. MUSC 356 AND MUSC 443
6. MUSC 453, MUSC 454, AND MUSC 455
7. MUSC 489
8. SELECT 45 UNITS WITH ADVISOR FROM THE OPTIONS BELOW:
 - A. 4 LEVELS OF PRIMARY APPLIED STUDY (6 UNITS AT EACH LEVEL)
 - B. MUSC 275 AND MUSC 276
 - C. MUSC 128 AND/OR CLASS PIANO
 - D. MUSC 388
 - E. 8 TERMS OF ENSEMBLES - MUSC 171, MUSC 175, MUSC 271, MUSC 279

MUSIC - INSTRUMENTAL PERFORMANCE EMPHASIS (BM)

MAJOR - 80 UNITS

1. 8 TERMS OF MUSC 100
2. MUSC 151, MUSC 152, MUSC 251, MUSC 252
3. MUSC 153, MUSC 154, MUSC 253, AND MUSC 254
4. MUSC 245, MUSC 246, AND MUSC 247
5. MUSC 356 AND MUSC 443
6. MUSC 453, MUSC 454, AND MUSC 455
7. MUSC 489
8. SELECT 44 UNITS WITH ADVISOR FROM THE OPTIONS BELOW:
 - A. 4 LEVELS OF PRIMARY APPLIED STUDY (6 UNITS AT EACH LEVEL)
 - B. MUSC 128 AND/OR CLASS PIANO
 - C. 8 TERMS OF ENSEMBLES: MUSC 161, MUSC 162, MUSC 164, MUSC 169, MUSC 269
 - D. 2 TERMS OF CHAMBER MUSIC: MUSC 283
 - E. SELECT A MINIMUM OF 4 UNITS OF MUSIC ELECTIVES

MUSIC - KEYBOARD PERFORMANCE EMPHASIS (BM)

MAJOR - 78 UNITS

1. 8 TERMS OF MUSC 100
2. MUSC 151, MUSC 152, MUSC 251, MUSC 252
3. MUSC 153, MUSC 154, MUSC 253, AND MUSC 254
4. MUSC 245, MUSC 246, AND MUSC 247
5. MUSC 356 AND MUSC 443

6. MUSC 453, MUSC 454 AND MUSC 455
7. MUSC 489
8. SELECT 42 UNITS WITH ADVISOR FROM THE OPTIONS BELOW:
 - A. 4 LEVELS OF PRIMARY APPLIED STUDY (6 UNITS AT EACH LEVEL)
 - B. MUSC 339
 - C. 8 TERMS OF ENSEMBLES - MUSC 161, MUSC 162, MUSC 164, MUSC 169, MUSC 171, MUSC 175, MUSC 269, MUSC 279
 - D. SELECT A MINIMUM OF 8 UNITS OF MUSIC ELECTIVES

MUSIC HISTORY-THEORY EMPHASIS (BM)

This emphasis is designed to prepare the student for graduate study in musicology or theory/composition. Only students with an excellent overall academic record and demonstrated potential in these areas will be admitted. Approval of the history-theory faculty is required, one of whom will serve as academic advisor. Admission to this emphasis should be sought by the end of the freshman year. NOTE: The required 6-9 units of General Studies Humanities must include 4 units of French or German.

MAJOR - 78 UNITS

1. 8 TERMS OF MUSC 100
2. MUSC 151, MUSC 152, MUSC 251, MUSC 252
3. MUSC 153, MUSC 154, MUSC 253, MUSC 254
4. MUSC 195, MUSC 245, MUSC 246, MUSC 247
5. MUSC 356
6. MUSC 453, MUSC 454 AND MUSC 455
7. MUSC 488
8. MUSC 450
9. MUSC 498

Select 45 units with Advisor from:

Primary Applied Instruction	11 u.
(8 u. at lower division, 3 u. at upper division)	
MUSC 128 and/or Class Piano*	7 u.
Ensembles (See note #10)	6 u.
History-Literature and Theory/Composition Electives**	10 u.
Music Electives	<u>4 u.</u>
TOTAL UNITS	45 u.

*If primary applied is piano or organ, MUSC 128 is waived, and 7 u. added to Music Electives.

** To include a minimum of 8 u. History-Literature from MUSC 343, MUSC 438, MUSC 439, MUSC 443, MUSC 445, MUSC 446, MUSC 447, MUSC 448, MUSC 463, MUSC 496, and 2 u. Theory/Composition from MUSC 452, MUSC 459, MUSC 479, MUSC 496.

MUSIC EDUCATION CHORAL EMPHASIS (BM)

The Music Education Choral Emphasis is designed to prepare the student for a career of teaching choral music in grades 6-12, and leads to licensure in secondary choral music. Students whose primary performing area is not voice must demonstrate, through audition before the voice faculty, a satisfactory level of vocal ability before being admitted to this program. The outline of courses assumes a primary performing area of either voice or keyboard (piano or organ). Students who wish to add general music licensure to the program of studies in the choral emphasis must complete additional course work as outlined in Note 11.

LICENSURE - 29 UNITS

1. EDFOUND 212 AND EDFOUND 243
2. MUSED 160 and EDFNDPRC 210

3. SECNDED 466
4. MUSED 438
5. SELECT 2 UNITS FROM CIFLD 492
6. DIRECTED TEACHING: SELECT 6 UNITS FROM CIFLD 411 OR CIFLD 412 AND 6 UNITS FROM CIFLD 414

MAJOR - 70-71 UNITS

1. 7 TERMS OF MUSC 100
2. MUSC 189
3. MUSC 151, MUSC 152, MUSC 251, MUSC 252
4. MUSC 153, MUSC 154, MUSC 253, MUSC 254
5. MUSC 195, MUSC 245, MUSC 246, MUSC 247
6. MUSC 275
7. MUSC 338
8. MUSED 290
9. MUSC 356 AND MUSC 357
10. MUSC 451 AND MUSC 455
11. MUSC 488

Select 26-27 units with Advisor from the following list of applied and ensemble music courses:

- 13 units of applied study in primary performing area (see Note 2)
- 6 units of secondary piano instruction if voice is the primary performing area OR
- 7 units of secondary vocal instruction if keyboard is the primary performing area (see Note 4)
- 7 terms enrollment in MUSC 171

MUSIC EDUCATION INSTRUMENTAL EMPHASIS (BM)

The Music Education Instrumental Emphasis is designed to prepare the student for a career of teaching instrumental music in the public schools (kindergarten through grade 12). Students who wish to add general music licensure to the program of studies in the instrumental emphasis must complete additional course work as outlined in Note 12.

LICENSURE - 31 UNITS

1. EDFOUND 212 AND EDFOUND 243
2. MUSED 160 and EDFNDPRC 210
3. SECNDED 466
4. MUSED 437, MUSED 439
5. SELECT 2 UNITS FROM CIFLD 492
6. DIRECTED TEACHING: SELECT 6 UNITS FROM CIFLD 411 AND 6 UNITS FROM CIFLD 414

MAJOR - 77-81 UNITS

1. 7 TERMS OF MUSC 100
2. MUSC 151, MUSC 152, MUSC 251, MUSC 252
3. MUSC 177
4. MUSC 153, MUSC 154, MUSC 253, MUSC 254
5. MUSC 195, MUSC 245, MUSC 246, MUSC 247
6. MUSC 189
7. MUSED 290
8. MUSED 362, MUSED 363, MUSED 364, MUSED 366 AND MUSED 368
9. MUSC 356 AND MUSC 358
10. MUSC 453 AND MUSC 455
11. MUSED 467 AND MUSED 468, OR MUSED 347
12. MUSC 488

Select 23-27 units with Advisor from the following list of applied and elective music courses:

- 13 units of applied study in primary performing area (see Note 2)
 - 3 units in secondary piano instruction
- OR

- 7 units of MUSC 126 (principal secondary instrument) if keyboard is the primary performing area
- 7 terms band or orchestra (see Note 5)

MUSIC EDUCATION GENERAL EMPHASIS (BM)

The Music Education General Emphasis is designed to prepare the student for a career of teaching general music in grades K-12, and leads to licensure in elementary and secondary general music. Students whose primary performing area is not voice must demonstrate, through audition before the voice faculty, a satisfactory level of vocal ability before being admitted to this program. The outline of courses assumes a primary performing area of voice or keyboard (piano or organ). Students who wish to add choral music licensure to the program of studies in the general emphasis must complete additional course work as outlined in Note 13.

LICENSURE - 31 UNITS

1. EDFOUND 212 AND EDFOUND 243
2. MUSED 160 and EDFNDPRC 210
3. SECNDED 466
4. MUSED 452
5. SELECT 2 UNITS FROM CIFLD 492
6. DIRECTED TEACHING: SELECT 6 UNITS FROM CIFLD 411 AND 6 UNITS FROM CIFLD 414

MAJOR - 69-70 UNITS

1. 7 TERMS OF MUSC 100
2. MUSC 166 AND MUSC 189
3. MUSC 151, MUSC 152, MUSC 251, MUSC 252
4. MUSC 153, MUSC 154, MUSC 253, MUSC 254
5. MUSC 195, MUSC 245, MUSC 246, MUSC 247
6. MUSC 338
7. MUSED 290
8. MUSC 356
9. MUSC 451 AND MUSC 455
10. MUSC 488

Select 26-27 units with Advisor from the following list of applied and elective music courses:

- 13 units of applied study in primary performing area (see Note 2)
 - 6 units of secondary piano instruction if voice is the primary performing area
- OR
- 7 units of secondary vocal instruction if keyboard is the primary performing area (see Note 4)
 - 7 terms enrollment in MUSC 171

NOTES

1. For BA (Music): Two terms each at the 100, 200, and 300 levels of primary applied instruction are required. Based on entrance audition, up to two terms of non-primary private applied instruction may be counted toward the six terms required. BA students must pass the upper division jury before graduation.
2. For BM (Music Education Choral, Instrumental, General and History-Theory): Seven terms of private study in the primary performing area required - two each at levels 100, 200, 300. One term at level 400 is required with concurrent registration in MUSC 488, Senior Recital. Additional policies regarding applied study and recital requirements are found in the Music Department Handbook.
3. For BM (Music Education Choral and General): Levels of Class Piano (MUSC 186, 187, and 188) may be used in satisfying this requirement. With permission from the keyboard faculty, students with prior background (or who make unusually rapid progress) may substitute MUSC 128, Private Piano Instruction (Non-Primary) for

any or all of these courses.

4. For BM (Music Education Choral and General): Completion of MUSC 177, Class Voice, in addition to three terms of MUSC 127, Private Vocal Instruction Non-Primary Level 1, and three terms of MUSC 327, Non-Primary Level 2, satisfies this requirement. With permission of the voice faculty, MUSC 127, Private Vocal Instruction (Non-Primary) may be substituted for Class Voice.
5. For BM (Music Education Choral and General): The ensemble requirement may be fulfilled by participation in seven terms of large ensembles (MUSC 171 Concert Choir, Chamber Singers), or six terms of large ensembles and two terms of small ensembles. Small ensembles include MUSC 279 (Women's Chorale, Class Act) and MUSC 271, Opera Performance Techniques, and opera or musical theatre productions, MUSC 272, Practicum in Music Theatre.
6. For BM (Music Education Instrumental): Wind- or percussion-primary students enroll in four terms to be selected from MUSC 161 (Symphonic Wind Ensemble, Concert Band) and MUSC 162 (University Orchestra); two terms of MUSC 169 (Marching Band). String-primary students enroll in seven semesters of MUSC 162, University Orchestra. Guitar-primary students must have a seven term plan of study approved by the department chairperson and the instrumental faculty.
7. For BM (Music Performance): Additional policies regarding applied study and recital requirements are found in the Music Department Handbook.
8. For BM (Music Performance): Wind- or percussion-primary students enroll in eight terms of MUSC 162, University Orchestra, MUSC 161, Symphonic Wind Ensemble, or MUSC 164 (Jazz Lab, Jazz Ensemble, Jazz Seminar), with no fewer than 4 terms of Orchestra and/or Symphonic Wind Ensemble. String-primary students enroll in eight terms of MUSC 162, University Orchestra. Voice-primary students enroll in eight terms of MUSC 171 (Concert Choir, Chamber Singers). Keyboard-primary students enroll in 2 to 4 terms of MUSC 482, Accompanying or MUSC 383, Chamber Music, fulfilling the remainder of the requirement in large ensembles. Guitar-primary students must have an eight term ensemble plan of study approved by the department chairperson and instrumental faculty.
9. For BA (Music): Wind- or Percussion-primary students enroll in four terms of instrumental ensembles, with two terms selected from MUSC 162, University Orchestra, MUSC 161, (Symphonic Wind Ensemble, Concert Band), MUSC 164 (Jazz Lab, Jazz Ensemble, Jazz Seminar) or MUSC 169, Marching Band. String-primary students enroll in four terms of MUSC 162, University Orchestra. Voice-primary students enroll for four terms of MUSC 171, (Concert Choir, Chamber Singers). Keyboard- and guitar-primary students must have a four-term ensemble plan of study approved by the department chairperson and keyboard faculty (for piano/organ) or instrumental faculty (for guitar).
10. For BM (History-Theory): String, wind-, percussion-primary students enroll in six terms of MUSC 161 (Wind Ensemble, Concert Band) or MUSC 162, University Orchestra. Voice-primary students enroll in six terms of MUSC 171 (Concert Choir, Chamber Singers). Keyboard- and guitar-primary students must have a six-term ensemble plan of study approved by the department chairperson and the keyboard faculty (for piano/organ) or instrumental faculty (for guitar).
11. For BM (Music Education Choral): Students seeking additional K-12 General Music licensure must also enroll in MUSC 166, Folk Guitar, CIGENRL 452, Pedagogy and Practice for Teaching General Music K-12, and its corequisite CIFLD 492, Field Study, totaling 6 additional units. Students who fail to earn a grade of B- or better in MUSC 177 must enroll for one semester of either MUSC 178 or MUSC 171.

Directed teaching is divided into 6 elementary-level units (CIFLD 411) and 6 secondary level units (CIFLD 414). Note that, for students seeking only 6-12 Choral certification, Directed Teaching is divided into 6 middle school-level units (CIFLD 412) and 6 secondary level units (CIFLD 414).

12. For BM (Music Education Instrumental): Students seeking additional K-12 General Music licensure, must also enroll in MUSC 166, Folk Guitar and CIGENRL 452, Pedagogy and Practice for Teaching General Music K-12, and its corequisite CIFLD 492, Field Study, totaling 6 additional units.

MINOR

MUSIC

MINOR - 23 UNITS

1. 4 TERMS OF MUSC 100 (Recital Attendance)
2. MUSC 151 AND MUSC 153
3. MUSC 152
4. MUSC 186 OR WAIVER
5. MUSC 247

Select 13 additional units (with Minor advisor) from two or three of the categories below. Note: Music minors must pass an audition before permission to enroll in private instruction (MUSC 120, 121 and 122) will be granted. Students allowed to enroll in private instructions must also be enrolled in one of the ensembles listed below.

Applied Music Option (0 - 7 units)

MUSC 120, 121, 122, 166, 177, 178, 187, 188 and 189

Ensemble Option (4 - 7 units)

MUSC 161, 162, 164, 169, 171, 269, 272 and 279

Coursework Option (0 - 10 units)

MUSC 143, 154, 240, 241, 245, 246, 251, 252, 253, 254 and 346

COURSE DESCRIPTIONS

MUSC 060 PRIVATE INSTRUMENTAL INSTRUCTION 1 u IN THE PRIMARY PERFORMING AREA

Offered on a satisfactory/no unit basis only. This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "060" lessons, the student must reaudit to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree. Prereq: Acceptance as a probationary music major.

MUSC 070 PRIVATE VOCAL INSTRUCTION IN 1 u THE PRIMARY PERFORMING AREA

Offered on a satisfactory/no unit basis only. This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "070" lessons, the student must reaudit to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count

toward degree. Prereq: Acceptance as a probationary music major.

MUSC 080 PRIVATE KEYBOARD INSTRUCTION IN THE PRIMARY PERFORMING AREA 1 u

Offered on a satisfactory/no unit basis only. This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "080" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

Prereq: Acceptance as a probationary music major.

MUSC 100 RECITAL ATTENDANCE 0 u

Offered on a satisfactory/no unit basis only. A set number of recitals and concerts must be attended to fulfill the requirement. Open to and required of music majors and minors. Repeatable.

MUSC 120 PRIVATE INSTRUMENTAL INSTRUCTION ELECTIVE 1 u

This course is intended for non-music majors, music minors, and music majors who are taking elective instrumental lessons that are not part of curricular requirements. Open by consent of instructor and department. Audition may be required.

Prereq: Consent of Instructor and Department

MUSC 121 PRIVATE VOCAL INSTRUCTION (ELECTIVE) 1 u

This course is intended for non-music majors, music minors, and music majors who are taking elective vocal lessons that are not part of curricular requirements. Open by consent of instructor and department. Audition may be required.

Prereq: Consent of Instructor and Department

MUSC 122 PRIVATE PIANO INSTRUCTION (ELECTIVE) 1 u

This course is intended for non-music majors, music minors, and music majors who are taking elective piano lessons that are not part of curricular requirements. Open by consent of instructor and department. Audition may be required.

Prereq: Consent of Instructor and Department

MUSC 126 PRIVATE INSTRUMENTAL INSTRUCTION (Non-Primary) LEVEL I 1 u

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study. Repeatable.

Prereq: Open by audition and consent of the instructor.

MUSC 127 PRIVATE VOCAL INSTRUCTION (Non-Primary) LEVEL I 1 u

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study. Repeatable.

Prereq: Open by audition and consent of the instructor.

MUSC 128 PRIVATE PIANO INSTRUCTION (Non-Primary) LEVEL I 1 u

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study. Repeatable.

Prereq: Open by audition and consent of the instructor.

MUSC 129 PRIVATE ORGAN INSTRUCTION (Non-Primary) LEVEL I 1 u

This course is intended for minors and for music majors fulfilling applied music requirements for secondary study. Repeatable.

Prereq: Open by audition and consent of the instructor.

MUSC 140 INTRODUCTION TO CLASSICAL MUSIC GA 2 u

A course in music appreciation emphasizing the organizational elements in music and the pertinence of these elements to perceptive listening. Lectures, concerts, assigned reading and directed listening. Not open to music majors and minors.

MUSC 143 SURVEY OF AMERICAN JAZZ GA 2 u

A listening approach to jazz with emphases both upon styles and the contribution made by selected jazz musicians of America. Other influences upon jazz will also be surveyed.

MUSC 150 INTRODUCTION TO MUSIC THEORY GA 2 u

A beginning course in music theory for interested students. The course content includes basic concepts of notation, pitch, rhythm, scales, and chords. Beginning listening and music reading skills are taught. Units not applicable to music major or minor.

MUSC 151 THEORY I 2 u

An approach to the comprehension of the basic tools of musicianship through the study of notation, clefs, meters, scales, modes, intervals, tonality, melody and harmony.

Prereq: Enrolled BA Music, BM, or Music minor; or consent of instructor

MUSC 152 THEORY II 2 u

An approach to the comprehension of the basic tools of musicianship through the study of part-writing, harmonic progression, chord functions, seventh chords and secondary dominants.

Prereq: MUSC 151.

MUSC 153 AURAL SKILLS I 2 u

An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work on melody, harmony and rhythm.

Prereq: Enrolled BA Music, BM, or Music minor; or consent of instructor. Coreq: MUSC 151

MUSC 154 AURAL SKILLS II 2 u

The second of a series of four terms of basic musical training in ear training, sightsinging and rhythm intended to be the foundation courses for all music majors and minors.

Prereq: MUSC 153.

MUSC 160 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (100 LEVEL) 1-4 u

Study at this level includes the review and application of fundamental techniques in the selected area, and the performance of solo repertoire appropriate to the first year of college study. Repeatable.

Prereq: Enrolled BA Music, BM, or Music minor; or consent of instructor

MUSC 161 UNIVERSITY BANDS GA 1 u

Open to all students in the university. Symphonic Wind Ensemble meets in the evenings during the fall term and in the afternoons during the spring term. Concert Band meets only during the spring term, in the afternoons. For Marching Band information, please see MUSC 169. Repeatable.

Prereq: Audition required for membership in Symphonic Wind Ensemble.

MUSC 162 UNIVERSITY ORCHESTRA GA 1 u

Open to all university students. Materials selected from standard orchestral literature. Repeatable.

Prereq: Audition and consent of instructor.

MUSC 164 JAZZ BANDS GA 1 u

Open to all university students. The Jazz Bands rehearse and perform various styles of the jazz band repertoire with a focus on skills in improvisation.

Repeatable.

Prereq: Audition and consent of instructor.

MUSC 166 FOLK GUITAR 1 u

An introduction to guitar. Emphasis will be placed on the chordal approach to guitar playing in order to harmonize (accompany) popular folk melodies. Prereq: Music major or minor or consent of instructor.

MUSC 169 MARCHING BAND GP 1 u

Open to all students in the university who play a wind or percussion instrument, or who have been or want to be in a color guard. Performs for all home games and travels periodically. Repeatable. Offered fall term only.

MUSC 170 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (100 LEVEL) 1-4 u

Study at this level includes the review and application of fundamental techniques and the performance of solo repertoire appropriate to the first year of college study. Repeatable. Open to music majors who have passed the entrance audition in their primary area.

MUSC 171 CONCERT CHOIRS GA 1 u

Membership open to all college men and women who have had previous choral experience. Activities consist of concerts, spring tour and special programs. The choir performs standard choral literature. Repeatable. Prereq: Admission by audition.

MUSC 177 CLASS VOICE I 1 u

Application of the basic fundamentals of vocal tone production and technique. Open to all university students, with priority given to music majors or minors fulfilling degree requirements.

MUSC 180 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL I) 1-4 u

Study at this level includes the review and application of fundamental techniques and the performance of solo repertoire appropriate to the first year of college study. Repeatable. Open to music majors who have passed the entrance audition in their primary area.

MUSC 181 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL I) 1-4 u

Study at this level includes the review and application of fundamental techniques and the performance of solo repertoire appropriate to the first year of college study. Repeatable. Open to music majors who have passed the entrance audition in their primary area.

MUSC 186 CLASS PIANO I 1 u

Group instruction for music majors and minors who have had no previous keyboard training. Two one-hour meetings and four hours practice per week. Open to the general university student with priority given to music majors or minors fulfilling degree requirements.

MUSC 187 CLASS PIANO II 1 u

Continuation of MUSC 186 or the equivalent. Two one-hour meetings and four hours practice per week. Prereq: MUSC 186 or consent of instructor

MUSC 188 CLASS PIANO III 1 u

A continuation of MUSC 187 or the equivalent. Two one-hour meetings and four hours practice per week. Prereq: MUSC 187 or consent of instructor

MUSC 189 FUNCTIONAL CLASS PIANO 1 u

Continuation of MUSC 188 or the equivalent. Applied piano or organ lessons may be taken simultaneously. Instrumental music education majors are encouraged to enroll in this course during their last term of piano study. Two one-hour meetings plus four hours of practice per week. Prereq: MUSC 188 or consent of instructor

MUSC 190 MUSIC IMPROVISATION 1 u

An exploration of the basic harmonic and melodic skills necessary to compose spontaneously. Examination of melodic and chord/scale vocabularies as they relate to specific styles such as jazz, Latin jazz, blues, rock, and bluegrass. Prereq: MUSC 151

MUSC 195 MUSIC AS A WORLD PHENOMENON 2 u

An introduction to music in cultural context, approached through study, listening, and performance, and to critical listening, writing and research. Study of selected non-Western musics through live performance, readings and directed listening. Prereq: MUSC 151, restricted to Music Majors

MUSC 240 SURVEY OF AFRICAN AMERICAN MUSIC GA/Diversity 3 u

This course is a survey of the African American contribution to the musical heritage of the United States. Styles discussed will include: Black musics of the 19th century, the Blues, Gospel, Jazz and popular styles from Doo Wop to Hip Hop, as well as art music by African American composers. Previous musical experience is not necessary. Prereq: GENED 110

MUSC 241 SURVEY OF LATIN AMERICAN MUSIC GA/Diversity 3 u

This course is an overview of Latin American musical styles. The course will begin with a survey of folkloric styles in Spain and across Latin America, and will move on to contemporary Latin American popular styles and art music by Latin American composers. Previous musical experience is not necessary. Prereq: GENED 110

MUSC 245 MUSIC HISTORY I GA 3 u

A survey of the history of Western music, from Antiquity to 1600. The course emphasizes music listening and style analysis of Medieval and Renaissance music, along with basis bibliographic knowledge necessary for the music student. Prereq: GENED 110 and MUSC 151 and MUSC 152 or consent of instructor.

MUSC 246 MUSIC HISTORY II GA 3 u

A continuation of MUSC 245. A survey of the history of Western music, from 1600 to 1800. The course emphasizes music listening and style analysis of Baroque and Classical period music. Prereq: GENED 110 and MUSC 151 and MUSC 152 or consent of instructor.

MUSC 247 MUSIC HISTORY III GA 3 u

A continuation of MUSC 246. A survey of the history of Western music, from 1800 to the present. The course emphasizes music listening and style analysis of Romantic and Contemporary music, including popular styles. Prereq: GENED 110 and MUSC 151 and MUSC 152 or consent of instructor.

MUSC 251 MUSIC THEORY III 2 u

An approach to the comprehension of the basic tools of musicianship through the study of modulation and chromatic harmony. Prereq: MUSC 152.

MUSC 252 MUSIC THEORY IV 2 u

A study of the tonal, melodic, and formal organization of art music since 1900. Students will examine works characterizing a diversity of compositional styles and explore appropriate methods of analysis. Prereq: MUSC 251.

MUSC 253 AURAL SKILLS III 2 u

An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work in melody, harmony and rhythm at a more advanced level than Aural Skills II.

100 MUSIC

Prereq: MUSC 152 and MUSC 154.

MUSC 254 AURAL SKILLS IV 2 u

An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work in melody, harmony and rhythm at a more advanced level than Aural Skills III.

Prereq: MUSC 251 and MUSC 253.

MUSC 260 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (200 LEVEL) 1-4 u

Study at this level is a continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the coverage and performance of standard repertoire. Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better in each term ("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

MUSC 269 INSTRUMENTAL ENSEMBLE GA 1 u

Instrumental ensembles that are regularly offered in the spring term include Pep Band, Flute Choir, Brass Ensemble and related groups (Horn/Trombone/Tuba-Euphonium Choirs), and Percussion Ensemble. Smaller chamber ensembles can be formed as student interest warrants. Membership is open to all university students. Repeatable. Some groups require an audition.

MUSC 270 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 2) 1-4 u

A continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the study and performance of standard repertoire. Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better each term ("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

MUSC 271 OPERA PERFORMANCE TECHNIQUES 1 u

A study of basic techniques for the singer/actor through performance of scenes from operatic masterworks of various historical periods. Repeatable.

Prereq: Audition or consent of instructor.

MUSC 272 PRACTICUM IN MUSIC THEATRE 1 u

Participation as a singer or orchestra member in a university production. Repeatable.

Prereq: Audition or consent of instructor.

MUSC 275 DICTION FOR SINGERS I 3 u

Music 275 is a course to introduce singers to basic pronunciations of English, Italian, German, French, Latin, and Spanish as it applies to singing. Students will learn the International Phonetic Alphabet to work with said languages for a lifetime of singing and teaching.

Prereq: One term of college level private or class voice study or consent of instructor.

MUSC 276 DICTION FOR SINGERS II 2 u

Language diction as applied to singing. This course deals with Singer's German and French Diction.

Prereq: MUSC 275 and two prior terms of college level voice.

MUSC 279 VOCAL ENSEMBLE* GA 1 u

The study and performance of selected vocal chamber music. Ensembles include Women's Chorale, Class Act (jazz/show choir) and Gospel Choir. Repeatable. Open to all students by audition.

MUSC 280 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 2) 1-4 u**ARTS AND COMMUNICATION**

A continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the study and performance of standard repertoire. Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better in each term ("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

MUSC 281 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 2) 1-4 u

A continuation of 100 Level with increased emphasis on musicianship, expansion of technical facility, and the study and performance of standard repertoire. Repeatable.

Prereq: Completion of two terms of 100 Level with a grade of "C" or better in each term ("B" or better for students pursuing the Performance Emphasis). Equivalent study and/or demonstrated accomplishment may be presented as an alternative.

MUSC 292 INSTRUMENTAL TECHNIQUES 1 u

Instrumental Techniques is designed to provide vocal and keyboard majors with fundamental techniques for playing wind, string, and percussion instruments. Additionally, students in the choral and general music education emphases will gain expertise in using instruments of various musical traditions in the curriculum.

Prereq: Admission to Professional Ed

MUSC 293 AUDIO PRACTICUM 1 u

Students will develop their skills in audio technology and application through practical experience working in sound reinforcement and studio recording environments.

Prereq: SPEECH 239 or MUSC 290 or consent of instructor.

MUSC 326 PRIVATE INSTRUMENTAL INSTRUCTION (NON-PRIMARY) 1 u

A continuation of 100 level with increased emphasis on technical facility and preparation of solo literature. Repeatable for a maximum of 3 units in major.

Prereq: Successful completion of four terms of 100 level and consent of the faculty

MUSC 327 PRIVATE VOCAL INSTRUCTION (NON-PRIMARY) LEVEL 2 1 u

A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable for a maximum of 3 units in major.

Prereq: Successful completion of four terms of 100 Level, and consent of the faculty.

MUSC 328 PRIVATE PIANO INSTRUCTION (NON-PRIMARY) LEVEL 2 1 u

A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable for a maximum of 3 units in major.

Prereq: Successful completion of four terms of 100 Level, and consent of the faculty.

MUSC 338 APPLIED VOICE PEDAGOGY 3 u

Functional knowledge of the singing voice and its development for children, adolescents, and adults. Instructional methods and teaching skills, and appropriate methods for teaching voice.

Prereq: Six terms of applied voice.

MUSC 339 PIANO PEDAGOGY 2 u

A critical and intensive examination of teaching materials and skills essential for teaching the piano.

Prereq: 4 terms of applied piano.

MUSC 344 HISTORY OF AMERICAN JAZZ 2 u

This course is designed for music majors and minors who have a background

in music theory and jazz. It is a historical survey of jazz, with musical analysis and research on specific jazz styles.

Prereq: MUSC 151 and MUSC 152 or consent of instructor

MUSC 345 WOMEN IN MUSIC 3 u

A survey of women musicians in Western European art music and twentieth-century popular musical styles. Historical, cultural, and philosophical issues surrounding the contributions of female performers, composers, conductors, patrons, teachers, musicologists, and other musical professions will be explored, as well as the portrayal of women in opera, musical theater, and music videos.

Prereq: GENED 110

MUSC 346 SOUND AND IMAGE: AN EXPLORATION OF SOUND FOR/WITH VISUAL MEDIA GA 3 u

This course will explore the ways in which sound and music have been utilized in conjunction with images in diverse media including films, video games, video art, cartoons, music videos, television and live performance.

MUSC 356 CONDUCTING 2 u

The technique, practice and principles of conducting. Emphasis on the development of effective hand and baton technique through drill and examples of the various meter patterns, tempi, styles, dynamics and musical terms.

Prereq: MUSC 252.

MUSC 357 CHORAL CONDUCTING 2 u

Advanced choral conducting techniques with emphasis placed on rehearsal problems and solutions as well as choral organization management.

Prereq: MUSC 356.

MUSC 358 INSTRUMENTAL CONDUCTING 2 u

Advanced conducting techniques with emphasis on both the gestural aspects of conducting and score study.

Prereq: MUSC 356.

MUSC 360 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 3) 1-4 u

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable.

Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

MUSC 370 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 3) 1-4 u

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature. Performance majors will give a twenty-minute recital. Repeatable.

Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

MUSC 380 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 3) 1-4 u

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable.

Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

MUSC 381 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 3) 1-4 u

A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable.

Prereq: Completion of two terms of 200 Level with grade of "B" or better and consent of faculty.

MUSC 383 CHAMBER MUSIC 1 u

Rehearsal and performance of music for diverse small ensembles. Repeatable. Unit for MUSC 383 will not be given for work undertaken as

part of any applied lesson course work or for Senior Recital MUSC 488 or MUSC 489.

Prereq: consent of instructor.

MUSC 385 ACCOMPANYING AND COLLABORATIVE PIANO PRACTICUM 2 u

The goal of this repeatable course is to explore the role, preparation, rehearsal and performance of piano in an array of collaborative contexts, and to gain practical experience in accompanying and musical collaboration.

Prereq: 2 semesters applied piano or consent of instructor

MUSC 431 MUSIC AS A BUSINESS 2 u

This course provides a broad overview of the business aspects of the music profession, including work and marketing in a variety of musical categories, contracts and taxes for musicians, intellectual property, and musical entrepreneurship.

Prereq: Music major or minor, or consent of instructor

MUSC 438 MEDIEVAL MUSIC 3 u

Musical trends from c. 500-1400, the development of Western European musical style from Antiquity to the Renaissance. Analysis of representative works.

Prereq: MUSC 245, MUSC 246 and MUSC 247.

MUSC 440/640 THE HISTORY AND LITERATURE OF THE WIND BAND AND WIND ENSEMBLE 2 u

The history and literature of the wind band and wind ensemble will be examined through historical documentation and literature analysis. The course will encompass ancient and Medieval wind music through the 20th century.

Prereq: MUSC 247 and MUSC 252 or consent of instructor.

MUSC 443 LITERATURE AND PEDAGOGY OF THE MAJOR PERFORMING AREA 2 u

Designed to acquaint the student with the literature and pedagogy of his/her major performance medium through performance, recordings, analysis and examination of pedagogical materials and techniques. Criteria for evaluating the aesthetic worth of specific compositions are given special emphasis. Repeatable.

Prereq: Two years of study in principal performance area.

MUSC 445 RENAISSANCE MUSIC 3 u

Musical trends from c. 1400-1600, the development of Western European musical style through the Renaissance. Analysis of representative works.

Prereq: MUSC 245, MUSC 246 and MUSC 247 or consent of instructor.

MUSC 447 MUSIC OF THE CLASSICAL PERIOD 3 u

Musical trends from C. 1720-1830, the development of Western European musical style from the mid-18th century through Haydn, Mozart and Beethoven. Analysis of representative works.

Prereq: MUSC 245, 246, 246 or consent of instructor

MUSC 448 MUSIC OF THE ROMANTIC PERIOD 3 u

Musical trends from c. 1800-1910; the development of Western European musical style during the 19th century. Analysis of representative works.

Prereq: MUSC 245, 246, 246 or consent of instructor

MUSC 450 SURVEY OF WORLD MUSICS 3 u

Provides a basic introduction to ethnomusicological methods and problems, surveys several non-Western musical cultures. Students will analyze representative works and conduct independent research on a pertinent topic.

Prereq: MUSC 245 AND MUSC 246 AND MUSC 247

MUSC 451 CHORAL AND KEYBOARD ARRANGING 2 u

Provides experiences in studying and preparing vocal arrangements for all levels, with and without accompaniment, as well as working knowledge of string, wind, and percussion instruments; experiences in creating keyboard arrangements and accompaniments and knowledge of U.S. Copyright law regarding arranging of copyrighted music.

Prereq: MUSC 252 and either Keyboard Proficiency Exam or consent of instructor

MUSC 452 MIDI TECHNIQUES 2 u
A study of Musical Instrument Digital Interface sequencing technology. Students will use the UW-W MIDI Lab's computer, synthesizer, digital recording and sound processing equipment, and sequencing software. A final recording project will incorporate both live and digital sound sources.
Prereq: MUSC 152 or consent of instructor.

MUSC 453 ARRANGING 2 u
A study of orchestration, band scoring, and writing for smaller instrumental ensembles, emphasizing fluency in score reading and transpositions. Students will also be presented with an introduction to basic choral arranging principles.
Prereq: MUSC 252 and MUSC 254.

MUSC 454 COUNTERPOINT 2 u
A study of contrapuntal technique, centering on the 18th century style. The fugue, passacaglia, and other forms are analyzed. Students will complete projects in two and three voices.
Prereq: MUSC 252.

MUSC 455 FORM AND ANALYSIS 2 u
A study of the basic structural components employed in traditional long forms. Analysis, centered on the Classical period, will also include works of other eras.
Prereq: MUSC 252 and MUSC 254.

MUSC 457 MUSIC COMPOSITION 2 u
Creative writing in various idioms, utilizing both harmonic and contrapuntal techniques. Repeatable with consent of instructor.
Prereq: MUSC 252 or consent of instructor.

MUSC 458 JAZZ IMPROVISATION 1 u
The study and practice of jazz improvisation. Study of the fundamentals of jazz music theory and nomenclature. Listening to, and transcribing historic jazz solos. Performance of modal jazz and 12 bar blues. May be repeated once; maximum of two credits may be applied towards degree.
Prereq: MUSC 152 and audition or consent of instructor.

MUSC 459 JAZZ ARRANGING AND COMPOSITION 2 u
An in-depth study of the formats and techniques involved in arranging and composing for the jazz small group (4 horns and rhythm section). A complete AABA song form arrangement for jazz small group will be required, performed and recorded.
Prereq: MUSC 251 or consent of instructor.

MUSC 460 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 u
A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital. Repeatable.
Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

MUSC 461 ADVANCED JAZZ IMPROVISATION 1 u
Continued study and practice of jazz improvisation. Study of more advanced concepts in jazz music theory. Listening to and transcribing historic jazz solos. Performance of 12 bar blues, minor blues, "rhythm changes", and jazz standards. May be repeated once; maximum of two credits may be applied towards degree.
Prereq: MUSC 458 or consent of instructor.

MUSC 462 ADVANCED MUSIC COMPOSITION 2 u
Advanced study in music composition. Students will compose substantial original works for soloist, chamber ensemble, electronic media, or some

combination of the above.
Prereq: MUSC 457

MUSC 463/663 MUSIC AFTER 1900 3 u
Musical trends from c. 1900 to the present, the development of Western European musical style from Impressionism to Post-Modernism. Analysis of representative works.
Prereq: MUSC 245, MUSC 246 and MUSC 247.

MUSC 469 JAZZ PEDAGOGY II 1 u
Experience with the organization, performance, and directing of both the large and small jazz ensembles. This will be facilitated through a student big band and multiple small groups that will include class members on major or secondary instruments. Volunteer students will cover positions not available in the class enrollment to achieve complete instrumentation in all of the ensembles.

MUSC 470 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 u
A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital. Repeatable.
Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

MUSC 479 ADVANCED JAZZ ARRANGING 2 u
An in-depth study of the formats and techniques involved in arranging and composing for the jazz big band (4 trumpets, 4 trombones, 5 saxophones, piano, guitar, bass, and drums). A complete arrangement for modern jazz big band will be required, performed and recorded.

MUSC 480 PRIVATE PIANO INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 u
A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital. Repeatable.
Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

MUSC 481 PRIVATE ORGAN INSTRUCTION IN THE PRIMARY PERFORMING AREA (LEVEL 4) 1-4 u
A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital. Repeatable.
Prereq: Completion of two terms of 300 Level with a grade of "B" or better.

MUSC 482 VOCAL AND INSTRUMENTAL ACCOMPANYING 1 u
A study of principles of vocal and instrumental accompanying. Practical accompaniment projects carried out under supervision.
Repeatable four times for major/degree.
Prereq: Consent of instructor.

MUSC 488 SENIOR RECITAL 1 u
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 20 minutes of music and its performance on a public recital. One unit of Level 400 instruction in the Primary Performing Area may be elected concurrently.

MUSC 489 SENIOR RECITAL (PERFORMANCE) 1 u
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 45 minutes of music and its performance on a public recital. Two or three units of Level 400 instruction in the Primary Performing Area should be elected concurrently.

MUSC 490/690 MUSIC WORKSHOP *Repeatable* 1-6 u

MUSC 491 TRAVEL STUDY *Repeatable* 1-3 u

MUSC 496/696 SPECIAL STUDIES *Repeatable* 1-4 u

MUSC 497 EXCHANGE STUDY *Repeatable* 1-12 u

MUSC 498 INDEPENDENT STUDY 1-4 u

Repeatable. Prereq: Consent of the interested staff member and the department chairperson. (Open to juniors and seniors majoring or minoring in music.)

MUSIC EDUCATION

MUSED 111 FUNDAMENTALS OF MUSIC GA 3 u

A required course in basic musical skills - notational, keyboard, and vocal - necessary for Early Childhood, Elementary and Middle School education majors. A prerequisite to MUSED 322 and MUSED 323.

Prereq: Declared BSE major or consent of instructor

MUSED 160 INTRODUCTION TO TEACHING MUSIC 1 u

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.

MUSED 322 EARLY CHILDHOOD MUSIC METHODS 2 u

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: Professional Education Admission and MUSED 111; Restricted to students with curriculum Elementary Education

MUSED 323 ELEMENTARY/MIDDLE SCHOOL MUSIC METHODS 2 u

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: Professional Education Admission and MUSED 111; Restricted to students with curriculum Elementary Education

MUSED 347 STRING PEDAGOGY 2 u

In this course, intended for students who plan to teach strings, students will compare the philosophies, contributions and teaching techniques of several String Pedagogues. Students will examine string educational method books, string literature of all levels, and will gain practical experience through teaching and through playing on secondary instruments.

Prereq: MUSED 362

MUSED 290 TECHNOLOGY FOR MUSIC EDUCATORS 2 u

Aspects of music technology essential to music educators, such as the use of music software in notation and composition, MIDI-based sequencing and sampling, digital recording and production, basic live sound techniques, and basic technology grant-writing strategies.

MUSED 362 STRING INSTRUMENT TECHNIQUES 3 u

Students will learn fundamentals of both right and left hand technique including tone production, various bowing styles, intonation, shifting, and vibrato. Students will also learn pedagogical strategies for teaching string instruments in school settings.

Prereq: Music major

MUSED 363 WOODWIND TECHNIQUES I 2 u

Woodwind Techniques I provides music education students seeking licensure, functional instruction on non-primary woodwind instruments.

The course emphasizes the development of pedagogical and performance skills relative to clarinet and flute and diagnose and solve the problems of embouchure, breathing, posture, tone production, hand position, technique, and basic musicianship.

Prereq: MUSC 252

MUSED 364 WOODWIND TECHNIQUES II 2 u

Woodwind Techniques II provides music education students seeking licensure, functional instruction on non-primary woodwind instruments. The course emphasizes the development of pedagogical and performance skills relative to oboe, bassoon and saxophone. The student will demonstrate a functional performance level on the oboe, bassoon and saxophone, and diagnose and solve the problems of embouchure, breathing, posture, tone production, hand position, technique, and basic musicianship.

Prereq: MUSED 363

MUSED 366 BRASS INSTRUMENT TECHNIQUES 3 u

Study of brass instrument pedagogical and performance skills to help prepare instrumental music education majors to teach brass instruments to beginning and intermediate students, and to support more advanced students with a knowledge of pedagogical and performance practices, related materials, and equipment.

Prereq: Music major or consent of instructor.

MUSED 368 PERCUSSION TECHNIQUES 2 u

Study of snare drum, timpani, keyboard percussion, drum set and other percussion instruments. Consideration given to the problems of the beginning percussionist. Repeatable.

Prereq: Music major or minor or consent of instructor.

MUSED 437 ELEMENTARY/MIDDLE SCHOOL INSTRUMENTAL METHODS 2 u

This course prepares the instrumental music teacher to deal with the problems of teaching instrumental music in the elementary/middle school. Specific areas covered in the course include recruiting and selection of elementary/middle school band students, class organization, scheduling, and teaching procedures.

Prereq: MUSC 356 Restricted to students with professional ed admission.

MUSED 438 METHODS OF TEACHING CHORAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL 2 u

Required of vocal and combined music majors and special minors. Includes methodology in planning a comprehensive program of music experiences in the middle/secondary school with emphasis on organizing, developing and directing/rehearsing choral groups. Application of the Kodaly method.

Coreq: CIFLD 492. Restricted to students with professional ed admission.

MUSED 439 METHODS OF TEACHING INSTRUMENTAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL 2 u

Procedures for organizing, planning, and directing middle/secondary instrumental groups of various types are presented. Problems of student retention, concert presentation, music contest, tours, and establishing a unified instrumental program for the entire school system are addressed with solutions offered.

Prereq: ELEMID 437, Coreq: CIFLD 492. Restricted to students with professional ed admission.

MUSED 467 JAZZ PEDAGOGY I 1 u

An intensive study of the methodologies for teaching jazz. Focus areas include jazz history, jazz theory, jazz improvisation, and jazz program resources.

Prereq: MUSC 252 or consent of instructor.

MUSED 452 PEDAGOGY AND PRACTICE FOR TEACHING GENERAL MUSIC K-12 4 u

This course provides an introduction to pedagogical approaches, instructional and assessment strategies, and materials for teaching in the K-12 general

music classroom. Topics include musical growth, skill and conceptual development, and synthesis of materials and methods into curricular practice through investigation of textbook series, supplementary materials, and technology resources.

Prereq: Admission to Professional Education.

Coreq: CIFLD 492 and MUSC 166

MUSED 468 MARCHING BAND TECHNIQUES 1 u

An intensive study of numerous pedagogical and administrative methods necessary to create an educational marching band experience. Topics include fundamentals of drill design, music selection, comprehensive show planning, teaching methodologies, auxiliary groups, and marching percussion.

Prereq: MUSC 252 or consent of instructor.

DEPARTMENT OF THEATRE/DANCE

Phone: 262-472-1566

E-Mail: anderson@uww.edu

Faculty: Sarah Altermatt, Marshall Anderson (Chairperson), Eric Appleton, James Butchart, Steven Chene, Charles Grover, Barbara Grubel, Angela Iannone, Tracey Lyons, Megan Matthews, Amy Slater.

The creation of successful theatrical productions requires the knowledge, skills and talents of a number of artists, technicians and management/promotion specialists. With its outstanding, well-equipped theatre facilities, its highly-skilled and enthusiastic faculty, its comprehensive curriculum and its emphasis on practical experience, the UW-Whitewater Theatre/Dance department will provide you a number of opportunities to acquire the knowledge and experience necessary for a successful career in theatre/dance, or related areas of the arts, communications, education or business.

The department offers three degree programs: the Bachelor of Science in Theatre Education, the Bachelor of Arts in Theatre and the Bachelor of Fine Arts in Theatre.

The Bachelor of Science in Theatre Education program provides future teachers with a broad-based theatre education while providing additional training in the areas of theatre most critical to success in their future profession. In addition, Theatre Education majors follow the Education track which will fulfill teaching licensure requirements.

The Bachelor of Arts in Theatre is a liberal arts degree which offers the opportunity for broad-based exposure to all areas of theatre. The curriculum includes studies in acting, directing, technology, design, history/criticism, and management/promotion.

The Bachelor of Fine Arts in Theatre is a pre-professional degree program. It offers a broad-based core of theatre studies along with an individually designed course of study which focuses on a specific area of emphasis. Students in this program choose an emphasis course of study for intensive training in Performance, Design/Technology, Stage Management 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, dance, and arts management. The dance minor provides in-depth training in Contemporary and Ballet technique. The creative processes of Improvisation and choreography are studied, and students have opportunities to perform for the public each term. This program is 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 Unit: May be earned in THEATRE 201, THEATRE 202, THEATRE 203, THEATRE 204, THEATRE 205, THEATRE 206, THEATRE 207, THEATRE 208, THEATRE 209, THEATRE 210, THEATRE 300, THEATRE 301, THEATRE 302, THEATRE 304, THEATRE 305, THEATRE 306, THEATRE 308, THEATRE 309, THEATRE 312. A maximum of six 200-level practicum units and a maximum of eight 300-level practicum units will be accepted toward graduation. No more than 7 of these units will count toward the aggregate requirement of 42 units necessary for the B.A. in Theatre.

THEATRE (BA)

MAJOR - 42 UNITS

1. THEATRE 110, THEATRE 120, THEATRE 225 AND THEATRE 251
2. SELECT 1 UNIT FROM COURSE THEATRE 204
3. SELECT 1 UNIT FROM COURSE THEATRE 206
4. SELECT 2 UNITS FROM AT LEAST 2 COURSES
THEATRE 201, THEATRE 202, THEATRE 203, THEATRE 205, THEATRE 207, THEATRE 208, THEATRE 209 AND THEATRE 210
5. SELECT 12 UNITS FROM COURSES
THEATRE 346, THEATRE 369, THEATRE 471, THEATRE 472 AND THEATRE 478
6. THEATRE 332
7. SELECT 3 - 4 UNITS FROM 1 OPTION
 - a. THEATRE 242 AND DANCE 141
 - b. THEATRE 252
 - c. THEATRE 207 or THEATRE 361 or THEATRE 362
8. SELECT 5-6 UNITS OF THEATRE/DANCE ELECTIVES, DEPENDING UPON THE OPTION USED IN #8.

UNITS OUTSIDE 1ST MAJOR - THEATRE - 70 UNITS

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

WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF ONE OF THEATRE HISTORY/LIT COURSES THEATRE 346, THEATRE 471, THEATRE 472 OR THEATRE 478.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR
AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

THEATRE BEA PERFORMANCE EMPHASIS

MAJOR - 78 UNITS

1. THEATRE 110, THEATRE 120, THEATRE 225, THEATRE 251 AND THEATRE 252
2. SELECT 1 UNIT FROM COURSE THEATRE 204
3. SELECT 1 UNIT FROM COURSE THEATRE 206
4. THEATRE 242 AND THEATRE 332
5. SELECT 12 UNITS FROM HISTORY/LIT COURSES
THEATRE 346, THEATRE 369, THEATRE 471, THEATRE 472 AND THEATRE 478

6. THEATRE 230, THEATRE 328 AND THEATRE 325
7. THEATRE 220, THEATRE 320 AND THEATRE 422
8. THEATRE 215
9. DANCE 141
10. SELECT 6 UNITS FROM PRACTICUM COURSES
THEATRE 201, THEATRE 202, THEATRE 209, THEATRE
210, THEATRE 300, THEATRE 301 AND THEATRE 312
11. THEATRE 499
12. IN CONSULTATION WITH ADVISER SELECT 10 UNITS
FROM COURSES THEATRE 230, COMM 234, COMM 238,
COMM 244, COMM 331, COMM 230, COMM 231, COMM
332, MUSC 177, MUSC 178, PEGNRL 115, DANCE 243,
DANCE 244, DANCE 330, DANCE 348, LANGUAGES AND
LITERATURES - ENGLISH 404, ENGLISH 405 OR OTHER
COURSES APPROVED BY THE DEPARTMENT

WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF
ONE OF THEATRE HISTORY/LIT COURSES THEATRE
346, THEATRE 471, THEATRE 472 OR THEATRE 478.

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

THEATRE BFA DESIGN/TECHNOLOGY EMPHASIS

MAJOR - 78 UNITS

1. THEATRE 110, THEATRE 120, THEATRE 225, THEATRE 251
AND THEATRE 252
2. SELECT 1 UNIT FROM COURSE THEATRE 204
3. SELECT 1 UNIT FROM COURSE THEATRE 206
4. THEATRE 242 AND THEATRE 332
5. SELECT 12 UNITS FROM HISTORY/LIT COURSES
THEATRE 346, THEATRE 369, THEATRE 471, THEATRE 472
AND THEATRE 478
6. THEATRE 345 AND THEATRE 454
7. THEATRE 343 OR THEATRE 354
8. TWO TERMS OF THEATRE 460
9. SELECT 6 UNITS FROM PRACTICUM COURSES
THEATRE 203, THEATRE 205, THEATRE 208, THEATRE 209,
THEATRE 300, THEATRE 302, THEATRE 304, THEATRE
305, THEATRE 306 AND THEATRE 308
10. THEATRE 499
11. IN CONSULTATION WITH ADVISER SELECT 18 UNITS
FROM COURSES THEATRE 320, THEATRE 343, THEATRE
354, THEATRE 433, THEATRE 460, ARTIST COURSES,
ARTSTUDIO 102, ARTSTUDIO 103, ARTSTUDIO 201, ART-
STUDIO 202, ARTSTUDIO 321, OR OTHER COURSES
APPROVED BY DEPARTMENT

WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION
OF ONE OF THEATRE HISTORY/LIT COURSES THE-
ATRE 346, THEATRE 471, THEATRE 472 OR THEATRE
478.

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

**THEATRE BFA MANAGEMENT/PROMOTION
EMPHASIS**

MAJOR - 78 UNITS

1. THEATRE 110, THEATRE 120, THEATRE 225, THEATRE 251
AND THEATRE 252
2. SELECT 1 UNIT FROM COURSE THEATRE 204
3. SELECT 1 UNIT FROM COURSE THEATRE 206

4. THEATRE 242 AND THEATRE 332
5. SELECT 12 UNITS FROM HISTORY/LIT COURSES
THEATRE 346, THEATRE 369, THEATRE 471, THEATRE 472
AND THEATRE 478
6. THEATRE 361, THEATRE 362, THEATRE 363, THEATRE 364
AND MARKETNG 311
7. SELECT 1 UNIT FROM COURSE THEATRE 202
8. COMM 202 AND COMM 203
9. SELECT 3 UNITS FROM COURSES THEATRE 207 AND
THEATRE 309
10. THEATRE 499
11. ACCOUNT 244 AND MANGEMNT 301
12. IN CONSULTATION WITH ADVISER SELECT 12 UNITS
FROM COURSES THEATRE 300, THEATRE 302, THEATRE
493, ARTSTUDIO 180, MANGEMNT 320, JOURNLSM 220,
JOURNLSM 245, JOURNLSM 303, JOURNLSM 320, COMM
204, COMM 240, COMM 242, OR OTHER COURSES AP-
PROVED BY THE DEPARTMENT

WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF
ONE OF THEATRE HISTORY/LIT COURSES THEATRE
346, THEATRE 471, THEATRE 472 OR THEATRE 478.

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

THEATRE BFA STAGE MANAGEMENT EMPHASIS

MAJOR - 78 UNITS

1. THEATRE 110, THEATRE 120, THEATRE 225, THEATRE 251
AND THEATRE 252
2. SELECT 1 UNIT FROM COURSE THEATRE 204
3. SELECT 1 UNIT FROM COURSE THEATRE 206
4. THEATRE 242, AND THEATRE 332
5. SELECT 12 UNITS FROM HISTORY/LIT COURSES: THEATRE
346, THEATRE 369, THEATRE 471, THEATRE 474, AND
THEATRE 478
6. THEATRE 260, THEATRE 345, THEATRE 354, THEATRE 433,
THEATRE 454, THEATRE 460
7. SELECT 6 UNITS FROM COURSES
THEATRE 203, THEATRE 205, THEATRE 208, THEATRE 300,
THEATRE 302, THEATRE 304, THEATRE 305, THEATRE
306, THEATRE 308 OR OTHERS BY DEPARTMENTAL
APPROVAL
8. THEATRE 499
9. IN CONSULTATION WITH ADVISOR, SELECT 15 UNITS
FROM COURSES
THEATRE 320, THEATRE 328, MUSC 150, COMM 228, COMM
239, COMM 242 OR OTHER COURSES APPROVED BY
THE DEPARTMENT

WRITING REQUIREMENT:

GRADE OF B OR BETTER IN THE WRITING PORTION OF
ONE OF THE THEATRE HISTORY/LIT COURSES: THE-
ATRE 346, THEATRE 471, THEATRE 472 OR THEATRE
478

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

Note: Each student in the BFA option designs a program in consultation with an adviser. Courses appropriate to the student's needs and area of emphasis may be selected from any department in the university. The program must include a 3-unit Production Project (THEATRE 499) in the area of emphasis. The entire program must be planned and presented to the department for approval. A 2.75 grade point is required in the approved program for graduation.

THEATRE (BSE)

The student must meet the requirements for admission to the College of Education and Directed Teaching. The student is strongly urged to consult with an adviser and the Theatre supervisor of Directed Teaching during the first year on campus for assistance in planning a coordinated program. The student may earn a Bachelor of Arts with a major in Theatre and licensure for teaching by fulfilling the requirements for the Bachelor of Arts (major in Theatre) and the Bachelor of Science in Education (major in Theatre Education).

LICENSURE - 35 UNITS

1. EDFOUND 212 AND EDFOUND 425
2. EDFOUND 243
3. SECNDED 434 AND SECNDED 466
4. SELECT 2 UNITS FROM CIFLD 210
5. SELECT 12 UNITS FROM CIFLD 414
6. SELECT 3 UNITS FROM COURSE CIFLD 492
7. SELECT 3 UNITS FROM SPECED 205

MAJOR - 42 UNITS

1. THEATRE 110, THEATRE 120, THEATRE 225, THEATRE 242, THEATRE 251, THEATRE 252, THEATRE 332 AND THEATRE 433
2. SELECT 6 UNITS FROM COURSES THEATRE 346, THEATRE 369, THEATRE 471, THEATRE 472, THEATRE 478
3. THEATRE 204
4. THEATRE 206
5. SELECT 2 UNITS FROM AT LEAST 2 COURSES THEATRE 201, THEATRE 202, THEATRE 203, THEATRE 205, THEATRE 207, THEATRE 208 AND THEATRE 209
6. SELECT 7 ELECTIVE THEATRE/DANCE UNITS (ADDITIONAL COURSES IN DESIGN AND TECHNICAL THEATRE ARE RECOMMENDED)

WRITING PROFICIENCY:

GRADE OF B OR BETTER IN THE WRITING PORTION OF ONE THEATRE HISTORY/LIT COURSES THEATRE 346, THEATRE 471, THEATRE 472 OR THEATRE 478 OR ENGLISH 271 (IF ENGLISH IS SECOND MAJOR)

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR
AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

MINOR/EMPHASES**THEATRE****MINOR - 24 UNITS**

1. THEATRE 110, THEATRE 120, THEATRE 251 AND THEATRE 332
2. SELECT 3 UNITS FROM 1 THEATRE HISTORY COURSE THEATRE 346, THEATRE 369, THEATRE 471, THEATRE 472 AND THEATRE 478
3. SELECT .5 UNITS FROM COURSE THEATRE 204
4. SELECT .5 UNITS FROM COURSE THEATRE 206
5. SELECT 6 UNITS FROM OTHER THEATRE/DANCE COURSES

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

THEATRE - ELEMENTARY/SECONDARY**MINOR - 24 UNITS**

1. THEATRE 110, THEATRE 120 AND THEATRE 251
2. THEATRE 332 AND THEATRE 325
3. SELECT .5 UNITS FROM COURSE THEATRE 204
4. SELECT .5 UNITS FROM COURSE THEATRE 206
5. SELECT 6 UNITS FROM OTHER THEATRE/DANCE COURSE

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

COURSE DESCRIPTIONS

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

THEATRE

THEATRE 100 THEATRE APPRECIATION GA 2 u
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: THEATRE 110.

THEATRE 110 INTRODUCTION TO THE THEATRE GA 4 u
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: THEATRE 100.

THEATRE 120 INTRODUCTION TO ACTING 3 u
A study of basic principles and techniques of acting, including physical and vocal control and basic approaches to characterization. Prereq: THEATRE 100 or THEATRE 110 (or con reg) and Theatre major/minor or cons inst. Offered Fall '12, Spring '13, Fall '13, Fall '14*.

THEATRE 200 THEATRE ACTIVITIES GA 1-2 u
Recommended for the student who has a vocational 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 unit. Not open to Theatre majors or minors. Repeatable. Repeat enrollments will be in other interest areas. Prereq: GENED 110 or THEATRE 100 or THEATRE 110.

THEATRE 201 PRACTICUM - ACTING .5-2 u
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 unit of practicum are expected. Repeatable. Prereq: Audition and cast in role.

THEATRE 202 PRACTICUM - DIRECTING .5-2 u
Participation as an Assistant Director, Production Stage Manager, Assistant Stage Manager or Dramaturg in a department-approved production. 40 hours of participation per half unit is required. Repeatable. Prereq: Department approval.

THEATRE 203 PRACTICUM - SOUND .5-2 u
Participation in department-approved productions as Sound Operator and/or Sound Designer/Engineer for productions requiring basic sound. 40 hours of participation per half unit is required. Repeatable. Prereq: Department approval.

THEATRE 204 PRACTICUM - STAGECRAFT .5-2 u
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 unit is required. Theatre majors must take at least .5 units in set construction and painting. Repeatable.
Prereq: Department approval for some sections.

THEATRE 205 PRACTICUM - LIGHTING .5-2 u

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 unit is required. Repeatable.
Prereq: Departmental approval for some sections.

THEATRE 206 PRACTICUM - COSTUMING .5-2 u

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 unit is required. Theatre majors must take at least .5 u in costume construction. Repeatable.
Prereq: Department approval for some sections.

THEATRE 207 PRACTICUM - THEATRE MANAGEMENT/PUBLICITY .5-2 u

Participation in house management, ticket office management or publicity and promotion for department-approved productions. 40 hours of participation per half unit is required. Repeatable.
Prereq: Department approval.

THEATRE 208 PRACTICUM - MAKE-UP .5-2 u

Participation as Makeup Designer and/or on Performance Crew for department-approved productions. 40 hours of participation per half unit is required. Repeatable.
Prereq: Department approval.

THEATRE 209 PRACTICUM - THEATRE TOUR .5-2 u

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 unit of the practicum are expected. Repeatable. Offered each fall*.
Prereq: Audition and cast in role.

THEATRE 215 AUDITIONING 3 u

This is a lecture/laboratory course which offers training in resume preparation, in preparing for an audition, and in presenting audition material. Offered Spring '13, Fall '14*. Repeatable up to 6 units in major/degree.
Prereq: THEATRE 120 or consent of instructor.

THEATRE 220 ACTING: ANALYSIS AND PERFORMANCE 3 u

A study of techniques of character analysis and development which seeks to explore and integrate the internal and external aspects of acting in order to develop a dynamic approach to the actor's craft. Offered Fall '12, Fall 14*.
Prereq: THEATRE 120 or consent of instructor.

THEATRE 225 SCRIPT ANALYSIS 3 u

A study of the basic elements of drama and how these elements combine to create a play. Particular emphasis will be placed on how to discover a valid interpretation of the playwright's intentions and transfer that interpretation to the stage. Required for all Theatre majors. Offered each spring.
Prereq: THEATRE 110

THEATRE 230 MOVEMENT FOR THE ACTOR 3 u

Movement for the Actor is a course designed to develop the physical performance ability of acting students. Body alignment will be explored in relation to movement dynamic and the search for a neutral base. A personal physical warm-up will be established for each student. Range of performance energy will be explored as well as the development of

character through movement. Repeatable two times for a maximum of 6 units in major/degree. Offered Fall '13, Spring '15*.
Prereq: THEATRE 120 or consent of instructor.

THEATRE 242 STAGE MAKE-UP 2 u

Lecture-demonstrations and laboratory experience in the basic theories and techniques relative to the design and application of stage make-up. Offered each fall.

THEATRE 251 INTRODUCTION TO TECHNICAL THEATRE 4 u

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: THEATRE 100 or THEATRE 110 or cons. inst.

THEATRE 252 INTRODUCTION TO THEATRICAL DESIGN 3 u

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: THEATRE 251 or consent of instructor.

THEATRE 260 PRODUCTION STAGE MANAGEMENT 3 u

Production Stage Management explores the processes of stage and fiscal management for Theatre. The first part of the course covers the various duties and responsibilities of the Stage Manager. The course then explores the processes required by Production Stage Managers to oversee the personnel and fiscal operations during production. Offered Spring '13, Spring '15*.
Prereq: THEATRE 110

THEATRE 300/500 SUMMER THEATRE PRODUCTION 1-6 u

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 units in degree.
Prereq: Audition or interview and consent of department.

THEATRE 301 PRODUCTION PRACTICUM - ACTING .5-2 u

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 units in major/degree.
Prereq: Consent of the department and completion of 200-level acting practicum for at least a half-unit.

THEATRE 302 PRODUCTION PRACTICUM - STAGE MANAGER .5-2 u

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 units in major/degree.
Prereq: Consent of department.

THEATRE 304 PRODUCTION PRACTICUM - SCENERY .5-2 u

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 units in major/degree.
Prereq: Consent of department.

THEATRE 305 PRODUCTION PRACTICUM - LIGHTING .5-2 u

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 units in major/degree.

Prereq: Consent of department.

THEATRE 306 PRODUCTION PRACTICUM - COSTUMES .5-2 u

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 units in major/degree.
Prereq: Consent of department.

THEATRE 308 PRODUCTION PRACTICUM - SOUND .5-2 u

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 units in major/degree.
Prereq: Consent of department.

THEATRE 309 PRODUCTION PRACTICUM - THEATRE MANAGEMENT .5-2 u

Participation as Ticket Office, Front of House or Promotions/Publicity Manager for a minimum of three consecutive productions of the Theatre/Dance Department in a single term. Repeatable four times for a maximum of 8 units in major/degree.
Prereq: Consent of department.

THEATRE 310 PRACTICUM - DEVELOPMENT 1-2 u

Participation in College of Arts and Communication development initiatives, including creating written materials, organizing special events and assisting in cultivation and stewardship activities. Repeatable once for a maximum of 4 units.
Prereq: ACINDP 200 and consent of instructor or THEATRE 309 and consent of instructor Unreq: ACINDP 310

THEATRE 312 PRODUCTION PRACTICUM - DIRECTING .5-2 u

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 units in major/degree.
Prereq: THEATRE 332 and THEATRE 433 and consent of department.

THEATRE 320 ACTING: PROBLEMS OF STYLE 3 u

Theories and techniques of character analysis and of acting in several theatrical periods, e.g., Classical, Elizabethan and Restoration. Offered Fall '13, Fall '15*.
Prereq: THEATRE 120 or cons instr.

THEATRE 325/525 IMPROVISATIONAL DRAMA 3 u

A study of the techniques of non-scripted drama, including theatre games, improvised scenes, creative drama and story dramatization. Implications and uses of non-scripted drama for education and performance are explored through lectures, demonstrations and group participation. Offered Spring '14, Spring '16*.

THEATRE 328 VOCAL PRODUCTION AND STAGE SPEECH 3 u

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. Repeatable two times for a maximum of 6 units in major/degree. Offered Fall '13, Spring '15.
Prereq: THEATRE 120 or consent of instructor.

THEATRE 332 DIRECTING I 3 u

Study and application of techniques useful in selection, interpretation and staging the play in a proscenium setting. Offered Fall '12, Spring '13, Fall '13, Fall '14, Spring '15*.

Prereq: THEATRE 120 and THEATRE 251 or consent of instructor.

THEATRE 343 THEATRICAL COSTUMING 3 u

A lecture/laboratory course to study and practice the basic principles and process of theatrical costuming, including the fundamentals of pattern making, textiles and costume construction. Construction of a costume is required. Offered Spring '13, Spring '15*.
Prereq: THEATRE 251 or consent of instructor.

THEATRE 345 COSTUME HISTORY 3 u

Study of the clothing and costume accessories of the major historic periods, with an emphasis on western costume history and on its application to modern stage design. Offered Fall '13, Fall '15*.
Prereq: THEATRE 110 or consent of instructor.

THEATRE 346 ENGLISH 346/546 SURVEY OF MODERN DRAMA 3 u

A study of the trends and developments in the modern theatre from the Romantics and early Realists to the Theatre of the Absurd, with emphasis on literary history and staging problems. May be team-taught with English faculty. Offered Fall '13, Fall '15.
Unreq: ENGLISH 346/546.

THEATRE 354 TECHNICAL DIRECTION 3 u

Advanced study and practice of the principles of scenery construction, scene painting, technical drafting, planning and budgeting. A minimum of 50 hours of participation is required. Offered Spring '14, Spring '16*.
Prereq: THEATRE 251 or consent of instructor.

THEATRE 361 PERFORMING ARTS OPERATIONS AND MANAGEMENT 2 u

A study of the duties and required skills of managers of performing arts organizations including house management, facility management, box office management, and strategic planning, as well as an overview of human resource management, audience development, marketing, and legal procedures. Offered odd-numbered fall terms.
Prereq: THEATRE 100 or THEATRE 110 or consent of instructor.
Unreq: ACINDP 361.

THEATRE 362 NON-PROFIT ARTS MANAGEMENT 2 u

A study of the duties and required skills of managers of various non-profit arts organizations. Areas of study will include structure of arts organizations, planning, programming, staffing, budgeting and marketing, with emphasis on fundraising, board development, and volunteer management. Assignments and projects will be geared toward students' specific needs and interests. Offered even numbered spring terms. (web version offered every fall)
Unreq: ACINDP 362.

THEATRE 363 APPLIED STUDIES IN ARTS MARKETING 2 u

A study of the duties and skills of marketing managers of both commercial and non-profit arts-related businesses, as well as the individual artist in the marketplace. Topics include marketing research, planning a marketing budget, promotions, media relations, advertising, corporate and media sponsorship, and audience development. Students will develop a comprehensive marketing plan for an organization or individual artist of their choice. Offered even numbered fall terms. (web version offered every spring)
Coreq: MARKETNG 311. Unreq: ACINDP 363.

THEATRE 364 ISSUES IN ARTS MANAGEMENT 2 u

A study of topics, trends, and career options in the field of arts administration. Working professionals will explore with students issues they face in their occupations. A variety of topics will include the role of the arts in society, leadership, public and private support and control of the arts, ethical issues, marketing challenges, computer technology and future trends in the field.
Prereq: Junior or senior academic status or consent of instructor.
Offered odd-numbered spring terms.

Unreq: ACINDP 364.

THEATRE 369 MULTICULTURAL DRAMA OF THE UNITED STATES *Diversity* **3 u**

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: ENGLISH 102 and a 200 level English course or THEATRE 346 or THEATRE 471 or THEATRE 472 or THEATRE 478. Offered occasionally.

Unreq: ENGLISH 369.

THEATRE 422 ACTING FOR THE CAMERA **3 u**

A course to study and practice basic principles of on-camera performance. Through regular on-camera assignments students learn skills necessary to work as actors in the TV and film industries. Offered Spring '13, Spring '15*.

Prereq: THEATRE 120 and THEATRE 220 or THEATRE 320 or consent of instructor.

THEATRE 433 DIRECTING II **3 u**

The study and application of contemporary directing theories and an exploration of approaches to production styles; includes the direction of a 30-40 minute studio production. Offered Spring '14, Spring '16*.

Prereq: THEATRE 332 or consent of instructor.

THEATRE 454 PERIOD DECOR AND SCENIC STYLES **3 u**

Study of the architecture, interior decor, and furnishings of the major historic periods, with an emphasis on application to stage design. Survey of the major historic styles of scenic design with an emphasis on application to contemporary scenic design problems. Offered Fall '12, Fall '14*.

Prereq: THEATRE 100 or THEATRE 110 or consent of instructor.

THEATRE 460/660 ADVANCED STAGE DESIGN AND TECHNOLOGY **3 u**

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 units in major.

Prereq: THEATRE 252.

THEATRE 471 HISTORY OF THE THEATRE THROUGH 1550 A.D. **3 u**

Traces the development of theatre from its origins to 1550 A.D., including theatre and drama in ancient Greece, Rome, the Middle Ages, the Italian Renaissance and the Orient. The course also examines the impact of outside forces on the various arts of the theatre. Offered Fall '12, Fall '14*.

THEATRE 472 THEATRE HISTORY AND DRAMA: 1550 TO 1830 **3 u**

Traces the development of the theatre in the West from 1550 to 1830, including Neoclassicism, Elizabethan and Restoration theatre and the development of Romanticism. The impact of outside forces on the various arts of the theatre will be examined. Offered Spring '13, Spring '15*.

THEATRE 478 CONTEMPORARY DRAMA **3 u**

Analysis of the trends and developments in the theatre of the past 30 years, including the impact of television, motion pictures and other forces on the theatre of today. Offered Spring '14, Spring '16*.

THEATRE 490/690 WORKSHOP *Repeatable* **1-6 u**

Offered on demand.

THEATRE 491 TRAVEL STUDY *Repeatable* **1-3 u**

Offered on demand.

THEATRE 492 FIELD STUDY **1-6 u**

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.

THEATRE 493 INTERNSHIP IN THEATRE PRACTICE **1-12 u**

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 units in degree.

Prereq: At least second-term junior standing as a theatre major and the advance consent of the department.

THEATRE 494 SEMINAR **1-6 u**

Repeatable. Offered on demand. Prereq: Junior standing and consent of department chairperson.

THEATRE 496/696 SPECIAL STUDY **1-3 u**

Repeatable. Prereq: Junior standing and consent of department chairperson. Offered on demand.

THEATRE 497 EXCHANGE STUDY *Repeatable* **1-12 u**

THEATRE 498 INDEPENDENT STUDY **1-3 u**

Repeatable. Prereq: Junior standing and consent of department chairperson. Offered on demand.

THEATRE 499/699 SENIOR PROJECT **3 u**

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 - 22 UNITS

1. DANCE 110, DANCE 141, DANCE 145 AND DANCE 200
2. DANCE 243, DANCE 244, DANCE 320 AND DANCE 420
2. SELECT 5 UNITS FROM COURSES THEATRE 252, MUSC 111, PEPROF 200 OR FROM DANCE DEPT

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

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 UNITS

1. DANCE 110, DANCE 141, DANCE 145 AND DANCE 243
2. DANCE 244 AND DANCE 320
3. PEPROF 200 AND PEPROF 314
4. SELECT 4 UNITS FROM COURSES PEPROF 271 OR BIOLOGY 360
5. SELECT 2 UNITS FROM COURSES THEATRE 252, MUSC 111 OR FROM DANCE DEPT

AN EXIT INTERVIEW IS REQUIRED FOR THIS MAJOR

DANCE

(*Scheduling of offerings is subject to change.)

DANCE 110 DANCE APPRECIATION GA 2 u
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*.

DANCE 141 CONTEMPORARY DANCE TECHNIQUE I GA 2 u
A study of basic dance movement through exploration, analysis and identification of the principles of Contemporary Dance as an art form. A participation course, utilizing problem-solving and creativity in movement.
Offered each term*. Repeatable.

DANCE 145 BALLET I GA 2 u
The Beginning Ballet course will provide instruction in the basic movements upon which all movements in ballet are built. Posture and alignment are stressed as well as foot articulation and proper use of turn-out. The class incorporates barre work, center combinations and locomotor movements across the floor. Students will also be taught the French terminology for movements learned. Offered each term*. Repeatable four times for a maximum of 8 units in degree.

DANCE 155 TAP DANCE I 2 u
Tap Dance I is a studio experiential class in beginning tap dance technique. The purpose of this course is to provide the student with basic tap movements that would be viable for use in Musical Theatre. Offered each term, repeatable. Offered occasionally.

DANCE 200 PRACTICUM - DANCE PERFORMANCE 1 u
A course designed to allow students who are interested in dance as an art form to participate as performers-choreographers in a contemporary dance concert. A student is expected to spend a minimum of 100 hours per unit in rehearsing and performing at times specified by the instructor. Repeatable. Offered every fall, students must be available to continue in spring.
Prereq: Audition and consent of instructor.

DANCE 243 IMPROVISATION/SOUND GA 2 u
The creation of dance movement through the exploration and experimentation of a variety of stimuli as sources for movement experiences. Repeatable three times for a total of 6 units in the degree. Offered Spring '13, Fall '14*.

DANCE 244 CONTEMPORARY DANCE TECHNIQUES II 2 u
Further study of dance techniques on the intermediate level. Repeatable four times for a maximum of 8 units in degree. Offered each fall*.
Prereq: DANCE 141 or cons instr.

DANCE 246 BALLET II 2 u
Continuation of basic concepts learned in Ballet I with emphasis on more complex skills and combinations. Repeatable four times for a total of 8 units in the degree. Offered each spring*.
Prereq: It is highly recommended that the student have at least 2 years of ballet training or 2 semesters of DANCE 145.

DANCE 255 TAP DANCE II 2 u
Tap Dance II is a studio experiential class in intermediate tap dance technique. The purpose of this course is to provide the student with continuing tap movements that would be viable for use in Musical Theatre. Offered occasionally, repeatable.

DANCE 320 COMPOSITION I (Solo) 3 u
Composition I (Solo) is a course which presents basic material on the craft of creating solo dances. Students will be given structural problems to solve by creating original movement. The use of musical accompaniment and props in choreography will be explored. Videotapes and films of professional choreography will be viewed for discussion and students will be introduced to the use of costumes, lighting, and sets for dance. Offered

Spring '12, Fall '13 Spring '15. Repeatable three times for a total of 9 units in the degree.
Prereq: DANCE 243

DANCE 330 PERFORMANCE ART 3 u
Performance Art is an avant-garde form of live art performance. In this course students will learn about the historical predecessors of Performance Art, be exposed to contemporary work through reviews, articles and videotapes, and create their own solo and group work to culminate in a public performance. Repeatable.
Offered occasionally.

DANCE 346 BALLET III 2 u
A participation course designed for the advanced level ballet student. Complex combinations and techniques such as multiple turns and beats as well as anatomical considerations will be studied. Repeatable four times for a total of 8 units in the degree. Offered each fall*.
Prereq: It is highly recommended that the student have at least 4 years of ballet training or have completed DANCE 246.

DANCE 348 CONTEMPORARY DANCE TECHNIQUES III 3 u
Learning the kinesthetic way of moving the body and performing more complex technique and style in longer movement phrases appropriate for advanced level technique. Class meets two times per week. An additional hour is spent outside of classroom in individual physical conditioning. Repeatable four times for a maximum of 12 credits in degree. Offered each spring.
Prereq: DANCE 244 or cons instr.

DANCE 420 DANCE COMPOSITION II (GROUP) 3 u
A continuation of the elements of choreography concentrating on form with more complex approaches and depth of movement themes for duet, trio and group. Offered Fall '12, Spring '14, Fall '15*. Repeatable three times for a total of 9 units in the degree.
Prereq: DANCE 320.

DANCE 496 SPECIAL STUDIES 1-3 u
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.

DANCE 498 INDEPENDENT STUDY IN DANCE 1-3 u
Repeatable. Prereq: Junior standing and consent of department chair. Offered on demand.

DANCE 499 DANCE PRODUCTION PROJECT 1-3 u
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 units in degree. Offered on demand.
Prereq: DANCE 200 and DANCE 420 and junior standing.

COLLEGE OF BUSINESS AND ECONOMICS

(Title Page)

COLLEGE OF BUSINESS AND ECONOMICS

Phone: 262-472-1343 E-Mail: busecon@uwm.edu

Christine Clements, Dean
 Lois Smith, Associate Dean
 John Chenoweth, Interim Associate Dean
 Robert Schramm, Assistant Dean
 Janet E. Olson, Assistant Dean
 Eric Roche, College Advisor

DEPARTMENT CHAIRPERSONS

Accounting

Alka Arora

Information Technology and Business Education

Paul Ambrose, Interim

Economics

Jeffrey Heinrich

Finance and Business Law

Linda Yu

Management

James Bronson

Marketing

Yushan Zhao

MISSION STATEMENT

Our mission as a College of Business and Economics is to provide quality undergraduate and graduate education to career-oriented students who will be competitive in a technologically evolving, global business environment. We are committed to:

- Development and support of faculty, significant student-teacher interaction, a varied and relevant curriculum, experiential learning, and high academic standards
- Development of mutually beneficial partnerships and lifelong learning opportunities with internal and external stakeholders through the sharing of expertise and service to others
- Accomplishment of our mission under the guidance of a faculty dedicated to excellence in teaching, sustained scholarship, and continuous improvement in curriculum and educational experiences
- Cultivation of high standards of ethical and professional conduct

THE PROGRAM

The College of Business and Economics provides students with the skills and knowledge which allow them to succeed in today's global business environment. We stress a close faculty-student relationship and encourage student activities which help students develop professional skills. Students have the opportunity to become involved in projects with business firms which aid in this skill development. The programs of the College are based on a broad general education which provides students with a fundamental understanding of the society in which they live and work. College requirements develop students' knowledge of the functional areas of business, behavioral sciences, management sciences and a systems approach to problem solving. Completion of the degree includes intensive study in a chosen major to prepare students for careers in the field of their choice.

ENROLLMENT LIMITATIONS

POLICY FOR ADMISSION TO COLLEGE OF BUSINESS AND ECONOMICS COURSES

Business majors are eligible to enroll in lower division business courses after they have completed twenty-four units and possess at least a 2.50 combined grade point average. After a student completes fifty-four or more units and

has satisfactorily completed or is enrolled in ENGLISH 101 and ENGLISH 102, COMM 110, ACCOUNT 244 and 249 or 261, ECON 201 and 202, MATH 143, ECON 245, and ITBE 280 (COMPSCI 181 and MCS 214 for BBA MCS majors), that student may apply for admission TO the College of Business and Economics upper division (300- and 400- level) courses. All students with a 2.80 combined GPA or better and who meet the course requirements and gpa will be admitted to the upper division courses. A student whose combined GPA is less than 2.80 may be admitted based on an alternative formula. All students must maintain a 2.50 combined gpa after admission to continue taking upper level courses. Application forms for admission to the upper division business courses are available at the Assistant Dean's Office and are completed during the required advising meetings. Students who have questions concerning admission should contact the assistant dean of the College of Business and Economics at (262) 472-4900. A student who completes any business course without having met the requirements for a business major cannot become a business major after completing the course.

In accordance with the admission policy on requirements for transfer students to declare a business major, the College of Business and Economics requires the following combined cumulative grade point averages in order to declare a business major. Students changing majors cannot be admitted directly to the upper division business courses without the approval of the assistant dean of the College.

- From 0 to 24 credits, a student must have at least a 2.00 combined cumulative grade point average to declare a business major
- From 24 to 72 credits, a student must have at least a 2.50 combined cumulative grade point average to declare a business major
- If a student has 72 or more credits, s/he must have at least a 2.80 combined cumulative grade point average to declare a business major

Budget, enrollment, or other factors may cause these standards to be altered by the College. Students who have questions concerning admission should contact the assistant dean of the College of Business and Economics.

Students must complete course work in residence at UW-Whitewater in at least six courses (18 credit minimum) in their major field. A maximum of two transfer courses will be allowed in any major in the BBA curriculum.

BBA students may not take any courses offered by the College of Business and Economics or any BBA degree requirements (unique/lower/upper) on a satisfactory/no credit (S/NC) basis except those offered on an S/NC basis only by the department.

Business majors may not use more than 6 credits of independent study (498) credits toward the BBA degree nor toward the graduation all-business grade point average requirement.

The College is organized into the departments of Accounting, Economics, Finance and Business Law, Information Technology and Business Education, Management, and Marketing.

Majors are available in accounting, business education, economics, entrepreneurship, finance, general business, management, human resource management, management computer systems, marketing, information technology infrastructure, operations management and integrated science and business. The general business major is administered by the assistant dean. Students pursuing majors in accounting, finance, general business, information technology infrastructure, human resource management, management, marketing and operations management can obtain these majors only in the BBA degree program in the College of Business and Economics.

Honors sections prerequisite: Available to students in the University Honors program and business majors and minors with a 3.40 or higher grade point average. Other course prerequisites apply.

BUSINESS MINOR ENROLLMENT AND GRADUATION REQUIREMENTS

The business minors are designed for students seeking a liberal arts education with preparation for a career in an area of business. This preparation in both liberal arts and business will also assist students planning to advance their career opportunities by seeking an M.B.A. (Master of Business Administration) degree.

Requirements for the nine approved minors are described within the departmental listings in this Catalog. Within these minors 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. Students majoring in business may not earn a business minor except for water business, international business, or information technology.

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 Management Computer Systems
3. a minimum combined transfer and UW-W GPA of 2.5 in their major.
4. Business majors may not use more than 6 credits of independent study (498) credits toward the BBA degree nor toward the graduation all-business grade point average requirement.

ONLINE AND EVENING PROGRAMS FOR INDIVIDUALS IN THE FIELD OF BUSINESS AND MANAGEMENT

The University of Wisconsin-Whitewater 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.

1. Master's Degree Program in Business - University of Wisconsin-Whitewater MBA and MPA (Masters of Professional Accountancy) degrees can be earned through a program of graduate study on the Whitewater campus, at American Family Insurance headquarters in Madison, and via the internet using only MBA classes. 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 Finance
- MBA Human Resource Management
- MBA International Business
- MBA IT Management
- MBA Management
- MBA Marketing
- MBA Operations & Supply Chain Management
- MPA Masters of Professional Accountancy

American Family:

- MBA Management

Online:

- MBA Finance
- MBA Human Resource Management
- MBA International Business

- MBA IT Management
- MBA Management
- MBA Marketing
- MBA Operations & Supply Chain Management

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

2. Bachelor's Degree Program in Business - A program tailored for the adult who desires to earn a business degree is offered through on-campus and internet courses. Courses are scheduled at night, during the summer, and online to meet student needs. Freshman-sophomore courses are available at the UW-Colleges. All four years of baccalaureate degree work are available at Whitewater. Special advising is provided.
3. Adult Special Education in Business - Some adults want to take only selected courses offered in the regular University curriculum to improve their business background. This program accommodates these people by scheduling many classes at night and online. Depending on the course, certain prerequisites may be required. Counseling and special enrollment procedures are provided. A student may earn a maximum of twelve units as a special student. If any of these units are earned in 300/400-level courses, these units may not count toward the BBA degree should that student decide to pursue a BBA in subsequent semesters.

SERVICES FOR REGIONAL BUSINESSES

The Kachel Center for Innovation and Business Development at the University of Wisconsin – Whitewater acts as a gateway to the resources of the university for the regional business and economic community. The Center includes the Small Business Development Center (SBDC), Wisconsin Innovation Service Center (WISC), Global Business Resource Center (GBRC), Fiscal and Economic Research Center (FERC), Wisconsin Center for Information Technology Services (Wi-CITS), Low Income Tax Clinic (LITC) and Volunteer Income Tax Assistance (VITA) office. The centers offer a wide array of business and economic development support services, utilizing college faculty and students, as well as professional staff. SBDC provides high-impact, results-based consulting and training services to business owners and entrepreneurs with up to 500 employees. WISC specializes in new product and invention assessments and market expansion opportunities for innovative manufacturers, technology businesses, and independent inventors. The GBRC provides international market entry strategies for businesses, including data gathering, business analysis, market identification, feasibility studies, and market intelligence. Wi-CITS makes available IT services for regional non-profits and small businesses, including website design and development, software design and development and IT consulting. FERC provides research services for area businesses, not-for-profits organizations, and government entities in areas such as economic analysis, land-use planning, statistical analysis, government and public policy analysis and economic forecasting.

For more information on available services, visit: <http://www.uww.edu/cobe/departments/centers.html>

STUDENT ORGANIZATIONS

HONORARY SOCIETIES

Pi Omega Pi, a national honorary scholastic society for business education students, extends membership to 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 Association for the Advancement of Collegiate Schools of Business International.

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 have a 3.25 grade point average and who have completed six finance units and to graduate finance majors who have a 3.25 grade point average and who have completed at least 1/2 of their program unit requirements. The local chapter has received national recognition with the Bronze award twice in the last ten years.

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 units 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 units. 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 units 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 units of graduate work, including at least three units 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 20% of his/her senior class, or rank in the top 20% of the students receiving graduate degrees.

PROFESSIONAL ORGANIZATIONS

American Marketing Association—Collegiate Chapter was formed by Whitewater marketing students to promote and develop interest and knowledge in the field of marketing. The Association's goals are to foster scientific work in marketing, to develop sound thinking in theory and practice, to improve methods and techniques of marketing and to develop public understanding of marketing. The collegiate chapter works toward the accomplishment of these goals by sponsoring marketing presentations of practicing businessmen, field trips, special events and by conducting projects for the business community. Membership is open to any student interested in marketing.

Creative Marketing Unlimited (CMU) operates as a student-run marketing firm in cooperation with the American Marketing Association (AMA) chapter at the University of Wisconsin-Whitewater. CMU is a student organization dedicated to furthering the educational experiences of its members and

providing marketing services to businesses in need. Members obtain business experience while following the high standard of professionalism, ethics, and excellence that CMU has prided itself on for many years.

APICS - The Association for Operations Management is the campus student organization for anyone with interests in the field of supply chain management, production, inventory, TQM, service operations, purchasing, and material requirements planning. An insight into the real world of Operations Management is obtained through numerous contacts with management of nearby business organizations at on-campus, Milwaukee APICS, and Janesville APICS Chapter meetings. 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 "Human Resources 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 200 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 sophomore standing and have a grade point of 3.0 both overall and in accounting courses. The organization is open to accounting, finance and information technology majors.

The Association of Information Technology Professionals is an organization of students who have a strong interest in the field of computer information systems. This group fosters an interest in and an understanding of computer systems through professional presentations, seminars, senior and student level AITP conferences and field trips to regional computer installations. In addition, the chapter also sponsors a professional society banquet meeting with employers in the fall and a career day in the spring.

DECA is an international association of college students studying marketing, management, and entrepreneurship in business, finance, hospitality and marketing sales and service. Many members have participated in their local DECA chapters in high school, but membership is open to any student from any college. The purpose of UWW DECA is to provide similar experiences for students who wish to continue their association with DECA. With the four points of the DECA diamond as a guide (Civic Consciousness, Vocational Understanding, Social Intelligence, and Leadership) DECA's mission is to enhance the co-curricular education of students by developing skills and competence for marketing, management and entrepreneurship careers, building self-esteem, experiencing leadership, and practicing community service. Members may also get involved with competitions through our association with Delta Epsilon Chi and other college DECA chapters.

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. IMA is open to all majors.

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 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 (FA) is a student membership organization open to all majors. FA serves undergraduate and graduate students who are interested in corporation finance, banking, investments, real estate and/or insurance. The Finance Association conducts speaker meetings, field trips, career orientation programs and social activities. Opportunities available for members include meeting people, networking, volunteer service hours and providing 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 term by members of the society.

Phi Beta Lambda is the college level of the Future Business Leaders of America and is open to all students. PBL's purpose is to familiarize students with the demands and opportunities in the professions commonly associated with business. Guest speakers, field trips, and conferences around the state and nation are some of the activities included each year for members of this organization.

Pi Sigma Epsilon is a national professional sales and marketing coed fraternity. Membership is open to any student of good standing and major who exhibits interest in sales and marketing. Business, University and community oriented projects are employed during the school year to afford practical experience to the members and to finance the operations of the organization. The Beta Gamma chapter at Whitewater was founded on March 14, 1969, as the 51st chapter of Pi Sigma Epsilon and is sponsored by the Sales and Marketing Executives of Madison and Milwaukee.

Portfolio Management Group is a student investment club. Its purpose is to help students learn about the process of investing in stocks, bonds, options, futures, and other types of securities. The group hosts speakers, sponsors field trips, conducts a simulated stock trading competition, and enjoys social activities.

The General Management Organization (GMO) is a campus organization for students either majoring in or interested in general management. This group provides academic and career support for student majors through speaker programs, student interaction and student-faculty interaction. It also fosters an interest in and understanding of general management subjects of interest. Relevant speakers, seminars and opportunities to interact with the General Management Advisory Board are special features of the GMO.

Society for the Advancement of Management (SAM) is a national professional organization of managers in industry, commerce, government and education. The student chapter at UW-W has as its main objective the bringing together of executives in business and students preparing to go into administrative positions. The club offers guest speakers, structured events, and management

periodicals to all students who aspire to managerial occupations.

The UW-Whitewater Student National Association of Black Accountants (NABA) Chapter is affiliated with the Milwaukee Professional Chapter and the National Association of Black Accountants, Inc. Through this affiliation, the UW-W Student NABA Chapter is designed to address the needs of students of color and other interested students majoring in the fields of accounting, finance, or business administration. NABA activities facilitate the grooming necessary to begin a successful career in business and obtaining skills that include networking and managing your finances. Programs and services that are available to NABA members include: The National Scholarship Program, administered at both the national and local level; and The Central Regional Student Conference. The focus during the conference is on career development and placement, as well as preparation for entry into the accounting/finance profession. At this conference, students have the opportunity to arrange for internship or permanent position interviews with corporate partners and/or exhibitors. NABA's membership is made-up of many different backgrounds and career interests.

The Business Ethics Student Association is a student organization open to all majors. It strives to promote good ethical practices, integrity, and professional development through networking, critical thinking, and exposure to a wide range of topics concerning societal ethics. Common activities for the association include hosting guest speakers, holding the Business Ethics Day, assisting the Wisconsin Better Business Bureau with Torch Award applications, and social activities.

Entrepreneurs are the lifeblood of the global economy. The Collegiate Entrepreneurs' Organization (CEO), which was formed in the Fall 2005 with the College of Business efforts to expand an entrepreneurship program, is a student organization designed to expose our members to the world of entrepreneurship. Through its programming, speaker series, and business plan competitions, CEO offers a combination of theory and practice, thought leadership and performance, planning and doing. CEO sponsors an Elevator Pitch Competition, a Business Plan Competition and helps students plan and launch new business ventures.

COLLEGE DEGREE REQUIREMENTS

BACHELOR OF BUSINESS ADMINISTRATION (BBA)

You may earn a Bachelor of Business Administration from the College of Business and Economics. Successful completion of the 20-hour community service requirement and a minimum of one hundred twenty (120) units in the following areas is required:

University Proficiency
General Education
Diversity and Writing Proficiency
College Degree Requirements
Major

College Community Service Requirement

Students are required to complete 20 hours of community service prior to graduation. Verification of completion of the community service requirement is required. For more information, contact the Assistant Dean's Office, College of Business and Economics. or <http://www.uw.edu/cobe/undergrad/advising/index.html>

Degree: Unique Requirement

1. MATH 143 (GM)
2. ECON 201 (GS) and ECON 202 (GS)
3. SELECT ONE COURSE WITH SIGNIFICANT INTERNATIONAL CONTENT (See Advising Report for list of approved courses.)

Lower Division Core Requirements

1. ACCOUNT 244
2. ACCOUNT 249 OR ACCOUNT 261 (ACCOUNTING MAJORS MUST TAKE ACCOUNT 249 AND ACCOUNT 261)

3. ECON 245
4. All BBA students must pass the computer applications competency test or an approved course prior to admission to the upper division business courses
5. ITBE 280 or both COMPSCI 181 and MCS 214.
6. MCS MAJORS - MCS 214, MCS 220, AND MCS 231
7. IT MAJOR - ITBE 221 AND ITBE 285

Upper Division Core Requirements

1. 3 u. ITBE 353 Business Communication
2. 3 u. FNBSLW 341 Business and Commercial Law
3. 3 u. FNBSLW 344 Business Finance
4. 3 u. MANGEMNT 301 Organizational Behavior
5. 3 u. MANGEMNT 306 Operations Management
6. 3 u. MARKETNG 311 Marketing Principles
7. 3 u. MANGEMNT 489 Administrative Policy
8. 1 u. ITBE 388 Career Information

Major Requirements (21-30 u)

(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 units with a minimum of 60 units outside the College of Business and Economics.

INTERDEPARTMENTAL

MAJOR/EMPHASES

PRE-BUSINESS

UNIQUE DEGREE REQUIREMENTS

1. MATH 143
2. ECON 201 AND ECON 202
3. ACCOUNTING, ECONOMICS, FINANCE, MCS AND OPERATIONS MANAGEMENT MAJORS - MATH 243 OR MATH 250 OR MATH 253
4. INTEGRATED SCIENCE AND BUSINESS MAJORS - MATH 250 OR MATH 253
5. MCS MAJORS - COMPSCI 172 AND COMPSCI 181
6. COMPUTER APPLICATIONS TEST
7. INTERNATIONAL REQUIREMENT: SELECT ONE COURSE FROM THE FOLLOWING LIST INCLUDING 491 COURSE FROM ANY DEPARTMENT OR 497 COURSE FROM ANY DEPARTMENT.
ANTHROPL 218, BEINDP 200, ECON 360, ECON 401, ECON 406, ECON 431, ECON 359, ENGLISH 323, ENGLISH 324, FNBSLW 410, FNBSLW 491, FRENCH 340, FRENCH 350, FRENCH 491, GEOGRPY 230, GEOGRPY 346, GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 368, GERMAN 350, GERMAN 491, HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 352, HISTRY 372, HISTRY 377, HISTRY 385, HISTRY 386, INTRNAR 488, INTRNAR 494, INTRNAR 496, MANGEMNT 410, MANGEMNT 465, MANGEMNT 491, MARKETNG 361, POLISCI 255, POLISCI 340, POLISCI 350, POLISCI 351, POLISCI 352, POLISCI 460, POLISCI 461, POLISCI 463, POLISCI 471, POLISCI 472, RELIGST 211, RELIGST 212, RELIGST 303, SOCIOLOGY 290, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 491, SPANISH 350, SPANISH 360, SPANISH 491, COMM 424, COMM 491, (####)

LOWER DIVISION DEGREE REQUIREMENTS - In order to take lower division business courses, students must achieve 24 units and a 2.50 GPA

1. ACCOUNT 244
2. ACCOUNT 249 OR ACCOUNT 261 (ACCOUNTING MAJORS MUST TAKE ACCOUNT 249 AND ACCOUNT 261)
3. ECON 245
4. ITBE 280 OR BOTH COMPSCI 181 AND MCS 214
5. MCS MAJORS - MCS 214, MCS 220, AND MCS 231
6. IT MAJOR - ITBE 221 AND ITBE 285

GENERAL BUSINESS (BBA)

MAJOR - 24 UNITS

1. SELECT 1 COURSE FROM EACH GROUP
GROUP 1 ITBE 385, MANGEMNT 386, MANGEMNT 460, MARKETNG 400
GROUP 2 FNBSLW 443, FNBSLW 446, FNBSLW 348, ECON 341
GROUP 3 ECON 353, ECON 354, ECON 356, ECON 360, ECON 404
GROUP 4 ECON 471, FNBSLW 455, MANGEMNT 366
GROUP 5 MANGEMNT 320, MANGEMNT 369, MANGEMNT 486, MARKETNG 429
2. SELECT 9 UNITS (COURSE LVL 300 OR 400) FROM ACCOUNTING, ECONOMICS, FINANCE, ITBE, MANAGEMENT, AND MARKETING TO ADD DEPTH WITHIN AN AREA OF STUDY
3. NO MORE THAN 12 UNITS OF THE MAJOR CAN BE TAKEN FROM ONE DEPARTMENT IN THE COLLEGE OF BUSINESS AND ECONOMICS

GENERAL BUSINESS INTERNATIONAL EMPHASIS (BBA)

MAJOR - 24 UNITS

1. POLISCI 351
2. SELECT 12 UNITS FROM COURSES ECON 359, ECON 360, ECON 401, ECON 406, ECON 431, FNBSLW 410, MANGEMNT 410, MARKETNG 361 OR POLISCI 350.
MAXIMUM OF 6 UNITS PER DEPT
3. SELECT 9 CREDITS OF 300- AND/OR 400-LEVEL BUSINESS COURSES TO FORM A BUSINESS AREA FOCUS. SUBJECT TO APPROVAL OF THE ASSISTANT DEAN.
4. A CREDIT-BEARING INTERNATIONAL TRAVEL EXPERIENCE IS REQUIRED
5. A MAXIMUM OF 12 CREDITS OF THE 24-CREDIT MAJOR MAY BE TAKEN FROM ANY DEPARTMENT.

MAJOR - UNIQUE FOREIGN LANG - 16 UNITS

1. SELECT 16 UNITS FROM FOREIGN LANGUAGE DEPARTMENT (FROM, AT MOST, TWO LANGUAGES) INCLUDING RETRO UNITS FOR PREVIOUS LANGUAGE STUDY
2. RELIGST 135, RELIGST 211, RELIGST 212, OR RELIGST 303
3. COMM 424

ENTREPRENEURSHIP (BBA)

MAJOR - 27 UNITS

1. BEINDP 201
2. MARKETNG 360
3. BEINDP 321
4. FNBSLW 370
5. MARKETNG 400
6. MANGEMNT 485
7. MANGEMNT 487
8. SELECT 6 UNITS FROM ANY 300 - OR 400-LEVEL COLLEGE OF BUSINESS AND ECONOMICS COURSES

118 INTERDEPARTMENTAL

INTEGRATED SCIENCE - BUSINESS (BBA)

MAJOR - 47-52 UNITS

1. SELECT 6 UNITS OF UPPER DIVISION BUSINESS COURSES FROM ONE OF THE FOLLOWING AREAS:
ACCOUNTING, INFORMATION TECHNOLOGY AND BUSINESS EDUCATION, ECONOMICS, FINANCE AND BUSINESS LAW, MANAGEMENT, MANAGEMENT COMPUTER SYSTEMS OR MARKETING.
2. SELECT 15-20 UNITS FROM AT LEAST TWO OR MORE OF THE FOLLOWING AREAS:
 - a. BIOLOGY 141, BIOLOGY 142
 - b. CHEM 102, CHEM 104
 - c. GEOLGY 100
 - d. PHYSCS 140 OR PHYSCS 141 OR PHYSCS 180 OR PHYSCS 181
 - e. ANY BIOLOGY, CHEMISTRY, GEOLOGY, OR PHYSICS COURSE WHICH HAS ONE OF THE ABOVE AS A PREREQUISITE OR IS AN ADVANCED MAJORS COURSE. (STUDENTS TAKING PHYSICS COURSES, AS PART OF THE SCIENCE CORE OR SCIENCE EMPHASIS, THAT REQUIRE MATH 254 AS A PREREQUISITE MAY USE MATH 254 AS PART OF THEIR SCIENCE CORE 20 UNIT REQUIREMENT.)
3. SELECT 12-17 UNITS, ALL FROM AT MOST TWO OF THE SCIENCE AREAS: BIOLOGY, CHEMISTRY, GEOLOGY, PHYSICS. ALL MUST HAVE ONE OF THE COURSES LISTED IN 2. A-D AS A PREREQUISITE OR MUST BE AN ADVANCED COURSE IN THE MAJOR (BIOLOGY: 200 LEVEL AND ABOVE, EXCEPT BIOLOGY 200, 214, 230; CHEMISTRY: 200 LEVEL AND ABOVE; PHYSICS: 200 LEVEL AND ABOVE, EXCEPT PHYSICS 212, 240; GEOLOGY: 200 LEVEL AND ABOVE).
4. A MINIMUM OF 32 SCIENCE CREDITS MUST BE COMPLETED.
5. SCIBUS 481 INTEGRATED SCIENCE MANAGEMENT
6. SCIBUS 485 INTEGRATED SCIENCE-BUSINESS SENIOR PROJECT
7. SCIBUS 493 SCIENCE-BUSINESS INTERNSHIP

UNIQUE REQUIREMENT

1. MATH 250 OR 253
- OVERALL GPA OF 2.50 REQUIRED TO GRADUATE

INTEGRATED SCIENCE - BUSINESS - WATER EMPHASIS (BBA)

MAJOR - 47 UNITS

1. SELECT 6 UNITS FROM THE FOLLOWING:
 - a. ECON 471
 - b. FNBSLW 440
 - c. MANGEMNT 366
2. SCIENCE CORE (20 UNITS)
 - a. BIOLOGY 141
 - b. BIOLOGY 142
 - c. CHEM 102
 - d. CHEM 104 OR GEOGRPY 210
3. WATER SCIENCE EMPHASIS (12 UNITS)
 - a. BIOLOGY 257
 - b. BIOLOGY 370
 - c. GEOGRPY 252 OR RELEVANT 491/496 COURSES AS APPROVED BY THE PROGRAM COORDINATOR

BUSINESS AND ECONOMICS

4. SCIBUS COURSES (9 UNITS)
 - a. SCIBUS 481 OR MANGEMNT 489
 - b. SCIBUS 485
 - c. SCIBUS 493

UNIQUE REQUIREMENT

1. MATH 250 OR MATH 253
- OVERALL GPA OF 2.50 REQUIRED TO GRADUATE

MINOR

GENERAL BUSINESS

MINOR - 24 UNITS

1. SELECT 18-24 UNITS FROM COURSES
ACCOUNT 244, ACCOUNT 249, COMPSCI 162 FNBSLW 341, FNBSLW 344, ECON 245 OR MATH 342 OR PSYCH 215, ITBE 280, MANGEMNT 301 OR MANGEMNT 310, MANGEMNT 320, MANGEMNT 306, MANGEMNT 386, MARKETNG 311, SAFETY 380 OR SAFETY 381
2. SELECT 0-6 UNITS FROM ONE OF THE FOLLOWING AREAS: ACCOUNT, ECON, FNBSLW, ITBE, MANGEMNT, MARKETNG (MAX OF 12 CREDITS FROM ONE DEPARTMENT ALLOWED IN 24-CREDIT MINOR)
3. AT LEAST 9 CREDITS OF THE 24 REQUIRED CREDITS MUST BE TAKEN AS 300- OR 400-LEVEL BUSINESS COURSES
4. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 UNITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED.

INTERNATIONAL BUSINESS

MINOR - 21 UNITS

1. COMM 424
2. ECON 401
3. MANGEMNT 410
4. MARKETNG 361
5. SELECT 9 UNITS FROM COURSES: ACCOUNT 483, BEINDP 200, ECON 360, ECON 406, ECON 431, FNBSLW 410, GEOGRPY 332, OR GEOGRPY 452, MANGEMNT 465, FNBSLW 410, POLISCI 350 OR POLISCI 351, BEINDP 493
6. A CREDIT-BEARING INTERNATIONAL TRAVEL EXPERIENCE OR INTERNATIONAL BUSINESS INTERNSHIP WITH A MINIMUM VALUE OF 3 CREDITS IS REQUIRED.

UNIQUE REQUIREMENT

1. 16 CREDITS OF A SINGLE FOREIGN LANGUAGE WHICH MAY INCLUDE RETRO CREDITS

WATER BUSINESS

MINOR - 21-25 UNITS

1. BIOLOGY 214 OR GEOGRPY 252
2. CHEM 100* OR CHEM 102*
3. GEOGRPY 210 OR GEOLOGY 301
4. SELECT 9 ELECTIVE UNITS FROM THE FOLLOWING COURSES:
ACCOUNT 496, ECON 341, ECON 471, FNBSLW 440, MARKETNG 496, ANY COBE 493# OR 498#
5. SELECT 6 ELECTIVE UNITS FROM THE FOLLOWING COURSES:
BIOLOGY 442, GEOGRPY 323, GEOGRPY 423, GEOLOGY 300, SOCIOLOGY 319

Note: The Water Business Minor is available to College of Business & Economics majors only. A GPA of at least 2.5 within the minor is required at time of completion of the minor. Except for one GL course (marked with an asterick *), courses cannot count towards both the major and the minor. Students must receive department and program approval prior to registering for the Independent Study and Internship courses (marked with a pound symbol #). The elective courses have prerequisites among the Water Business Minor required courses and cannot be taken prior to the completion of the required courses.

GENERAL DIVISION

BEINDP 200 INTRODUCTION TO INTERNATIONAL BUSINESS 3 u

This interdisciplinary course addresses current theory and practice on conducting business in international markets. Topics in culture and communication and the business functions in an international environment will be addressed at an introductory level. This course meets the College of Business & Economics' international requirement.

BEINDP 201 INTRODUCTION TO ENTREPRENEURSHIP 3 u

The course focuses on introducing students to the world of entrepreneurship. Students will apply general business concepts to the wide range of challenges facing entrepreneurs. Through experiential learning opportunities, students will apply what they learned to develop a basic plan for a startup business and our new product opportunity.

Prereq: Business Majors, 2.50 combined cumulative gpa and 24 credits; for all other majors, 2.00 gpa and 24 credits

BEINDP 210 BUSINESS TOPICS 1-3 u

A course in which students will be exposed to relevant developments and insights from experts in various fields of business. Repeatable for a maximum of 3 credits in degree.

BEINDP 293 APPLIED BUSINESS BASICS 3-12 u

The purpose of this course is to acquire skills and knowledge relating personal values to customer service, personal empowerment, problem-solving, effective communication, teamwork, time management, cultural sensitivity, and career planning. The Disney Theme Parks and Resorts offer students a learning laboratory where they can live, learn and earn while taking courses and completing assignments related to their work experience.

Prereq: Completion of 15 units, 2.0 gpa, acceptance into the Disney College Program and instructor consent

BEINDP 321 GROWING ENTREPRENEURIAL AND FAMILY BUSINESS 3 u

This course investigates key issues and competencies needed for starting, growing, managing, and transitioning small and family businesses. Attention is given to a wide range of functional competencies, including marketing, management and human resources, accounting, finance, business law, and technology required for developing strategic and tactical plans. Students taking the course will develop a complete strategic plan for operating a small and/or family business.

BEINDP 493 INTERNATIONAL BUSINESS INTERNSHIP 1-12 u

An opportunity for international exchange students to gain work experience in the United States during a semester or summer. Course includes an appropriate written report on the work experience. Repeatable for a maximum of 12 units. Offered on a satisfactory/no credit basis only.

Prereq: Consent of the Assistant Dean, College of Business and Economics. Restricted to international exchange students.

SCIBUS 485 INTEGRATED SCIENCE-BUSINESS SENIOR PROJECT 3 u

Students will design a senior project in consultation with a pair of faculty,

one from science, the other from management, along with a Project Review Panel made-up of other faculty and representatives from the scientific/business community.

Prereq: Senior status and completion of an SBIM internship

SCIBUS 493 SCIENCE-BUSINESS INTERNSHIP 3 u

The internship is a required course for which students receive credit for work experience outside the university setting. With the assistance of an SBIM advisor, a student will establish an agreement with a laboratory, company, or other appropriate organization concerning the job description and hours. Prereq: Junior or Senior standing with at least 30 units toward the major and GPA of at least 2.5

DEPARTMENT OF ACCOUNTING

Phone: 262-472-1344

Faculty: Alka Arora (Chairperson), Linda Amann, Peter Barton, Richard Cummings, Dawn Doering, Joseph Gerard, Robert Gruber, Lynn Hafemeister, Linda Holmes, Michael MacDonald, Carol Normand, Heather Pesch, Clayton Sager, William Tatman, Roy Weatherwax., Meifang Xiang

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, corporate accounting, or governmental accounting. All of the programs in the College of Business and Economics, at both the graduate and undergraduate levels, are accredited by the Association to Advance Collegiate Schools of Business (AACSB). Accounting graduates are qualified to sit for the Certified Public Accountant (CPA) examination and other professional accounting certification examinations. In the State of Wisconsin, all applicants for the CPA exam are required to have completed an accounting program with 150-units of selected coursework. At UWW the Master of Professional Accountancy (MPA) degree program can be completed after the BBA degree program to satisfy the 150-unit requirement.

MAJOR

ACCOUNTING (BBA)

A minimum combined transfer and UWW grade point average of 2.75 is required in ACCOUNT 249, ACCOUNT 261, and ACCOUNT 343 to continue as an accounting major. In addition, a 2.5 GPA is required in all accounting courses, and in all College of Business and Economics (including any MCS courses) to graduate as an accounting major.

NOTE 1: An accounting major may repeat no more than two accounting courses without special permission from the Accounting Department Exceptions Committee.

NOTE 2: The Accounting Department complies with UWW's repeat policies. Under these policies a student

- may repeat an accounting course in which they earned a C- grade or below
- may not repeat an accounting course if the student has received credit for a higher level accounting course for which the course to be repeated is a prerequisite or corequisite; for example, a student who has received credit for ACCOUNT 343 may not repeat ACCOUNT 244, ACCOUNT 249, or ACCOUNT 261.
- for departure from these policies a student may seek special permission from the Accounting Department Exceptions Committee.

NOTE 3: No accounting course may be repeated more than once without special permission from the Accounting Department Exceptions Committee.

LOWER LEVEL REQUIREMENTS - 9 UNITS

- ACCOUNT 244

2. ACCOUNT 249
3. ACCOUNT 261

UPPER LEVEL REQUIREMENTS - 21 UNITS

1. ACCOUNT 343
2. ACCOUNT 451
3. ACCOUNT 452
4. ACCOUNT 454
5. ACCOUNT 455
6. ACCOUNT 456
7. ACCOUNT 461
8. ACCOUNT 463
9. ACCOUNT 465
10. ACCOUNT 493

MAJOR**ACCOUNTING**

MAJOR - 30 UNITS (2.50 GPA)

1. ACCOUNT 244, ACCOUNT 249, ACCOUNT 261, AND ACCOUNT 343 (2.75 GPA)
2. ACCOUNT 451
3. ACCOUNT 454
4. ACCOUNT 456
5. ACCOUNT 461
6. ACCOUNT 465
7. ACCOUNT 452, ACCOUNT 455, ACCOUNT 463, OR ACCOUNT 493

UNIQUE REQUIREMENT

1. ENGLISH 370 OR ENGLISH 372 OR ITBE 356
2. MATH 243 (GM) OR MATH 250 (GM) OR MATH 253 (GM)

Courses Outside Business College (60 u)

1. A minimum of 60 units outside the College of Business and Economics and the MCS Department is required. However, 12 units of economics courses can be included in this total.

MINOR**ACCOUNTING**

MINOR - 21 UNITS

1. ACCOUNT 244
2. ACCOUNT 249
3. ACCOUNT 261 AND ACCOUNT 343
4. ACCOUNT 451
5. SELECT 6-UNITS FROM THE FOLLOWING COURSES: ACCOUNT 452, ACCOUNT 454, ACCOUNT 456, ACCOUNT 461, ACCOUNT 483, AND ACCOUNT 498

UNIQUE REQUIREMENT - 9 UNITS

1. ECON 201 AND ECON 202
2. ECON 245 OR AN EQUIVALENT IN INTRODUCTORY STATISTICS

Restrictions:

1. A maximum of two (2) transfer courses and a maximum of three (3) units in ACCOUNT 498 will be allowed.
2. In order to continue in the Professional Minor program in accounting, students must obtain a minimum combined GPA of 2.50 in ACCOUNT 249, ACCOUNT 261, and ACCOUNT 343.
3. In order to graduate with an accounting minor, students must have a 2.50 GPA in all accounting courses.

COURSE DESCRIPTIONS**ACCOUNT 244 INTRODUCTION TO FINANCIAL ACCOUNTING 3 u**

This course introduces students to the principles of financial accounting. Topics include the basic accounting cycle (i.e., double entry accounting), financial statements (i.e., income statement and statement of financial position), and specific discussions of cash, trade receivables, merchandise inventories, plant assets, current and long-term liabilities, and stockholders equity.

Prereq: Completion of 24 units

ACCOUNT 249 INTRODUCTION TO MANAGERIAL ACCOUNTING 3 u

This course introduces the student to the relevance, use, and interpretation of accounting information for decision making in support of business strategy. Topics include product costing (job order, process, absorption, variable), pricing, understanding cost structures (cost behavior), short-term decision-making, operational budgeting, evaluating performance, analyzing financial statements and ethical decision making.

Prereq: ACCOUNT 244. Unreq: ACCOUNT 342

ACCOUNT 261 INTERMEDIATE ACCOUNTING I 3 u

This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also presents a detailed discussion of the standard-setting process, conceptual framework, accounting cycle, income statement, statement of financial position, and the theoretical and practical aspects of the time-value of money in accounting. This course replaces ACCOUNT 341.

Prereq: ACCOUNT 244, ACCOUNT 701, or consent of department.

ACCOUNT 343 INTERMEDIATE ACCOUNTING II 3 u

This course continues the coverage of financial accounting topics started in ACCOUNT 261. Specific topics include accounting of investments, current liabilities, long-term liabilities (bonds, notes, leases, pensions), stockholders' equity, deferred income taxes, accounting changes, and other specialized financial accounting topics. This course emphasizes the application, interpretation, and analysis of accounting principles and procedures for complex accounting and reporting topics.

Prereq: ACCOUNT 261 or ACCOUNT 341 and ACCOUNT 249 or ACCOUNT 342

ACCOUNT 451/651 TAX I 3 u

This course examines federal income tax laws and regulations with a specific emphasis on the individual taxpayer, particularly of employees and sole proprietors. This course includes an overview of current taxation proposals, a discussion of practical problems in tax planning and practice in the preparation of individual tax returns. Tax research on related issues is also included.

Prereq: ACCOUNT 244, ACCOUNT 701 or consent of department.

ACCOUNT 452 TAX II 3 u

This course examines federal income tax laws and regulations with a specific emphasis on corporations (C and S), partnerships, estate and gift taxation, income taxation of estates and trusts, and taxation of exempt entities. Both compliance and tax planning are emphasized in this course. Tax research on related issues is also included.

Prereq: ACCOUNT 451 and 2.75 G.P.A. in ACCOUNT 249 or ACCOUNT 342, ACCOUNT 261 or ACCOUNT 341 and ACCOUNT 343.

ACCOUNT 454 ACCOUNTING INFORMATION SYSTEMS 3 u

This course examines the nature of accounting information systems and the ways in which various components are integrated to provide relevant and reliable financial information for decision making. Students will also study (a) the impact of information technology on the gathering, processing and reporting of financial information (b) risk management through the use of COSO's internal control frameworks (c) ways in which technology affects internal control structures, and (d) how to model business processes and use

decision criteria to determine ways in which processes can be improved.
Prereq: A 2.5 GPA in ACCOUNT 249 or ACCOUNT 342 and ACCOUNT 261 or ACCOUNT 341

ACCOUNT 455 VITA - INCOME TAX E-FILED CLINIC 3 u

This course provides students a hands on opportunity to prepare federal and state income tax returns that will be electronically filed.
Prereq: ACCOUNT 451 and/or Permission of Instructor

ACCOUNT 456 COST MANAGEMENT 3 u

This course presents an overview of basic cost measurement principles and an in-depth examination of product costing procedures and techniques including process costing, job-order costing, activity-based costing, accounting for spoilage, and standards and variances (cost, expense, revenue, and selected variance investigation models). This course also includes the following specific cost allocation topics: joint products, byproduct products, and service departments. Special emphasis is placed on communicating accounting information to managers in a clear, concise manner.
Prereq: ACCOUNT 249 or consent of department

ACCOUNT 461 ADVANCED ACCOUNTING 3 u

This course presents an indepth examination of accounting for business combinations including mergers, parent-subsidiary relationships, and consolidated statements. It also covers accounting for partnerships, foreign currency translations, and an introduction to international accounting.
Prereq: 2.75 GPA in ACCOUNT 249 or ACCOUNT 342, ACCOUNT 261 or ACCOUNT 341 and ACCOUNT 343.

ACCOUNT 463 ACCOUNTING FOR NONPROFIT ORGANIZATIONS 3 u

This course is designed to provide students with an in-depth study of accounting for state and local governments, colleges and universities, health-care entities, and voluntary health and welfare organizations. Special topics include auditing non-profit entities, analysis of governmental financial statements, and accounting for special-purpose entities. Finally, students will examine the differences between private and public sector accounting, including ethical considerations in the public sector.
Prereq: 2.75 GPA in ACCOUNT 249 or ACCOUNT 342, ACCOUNT 261 or ACCOUNT 341 and ACCOUNT 343.

ACCOUNT 465 AUDITING 3 u

This course introduces the student to auditing, attestation, and assurance services. Specific topics include materiality, audit risk, audit evidence, audit planning, AICPA audit standards, professional ethics, and legal liability. Additional topics include sampling, tests of controls and substantive tests, auditing EDP systems, preparing audit reports, and assessing internal control policies and procedures.
Prereq: ACCOUNT 454 and 2.75 GPA in ACCOUNT 249 or ACCOUNT 342, ACCOUNT 261 or ACCOUNT 341 and ACCOUNT 343.

ACCOUNT 483/683 INTERNATIONAL ACCOUNTING 3 u

This course examines the international dimension of accounting and financial reporting for multinational enterprises. Topics include (a) the international standard-setting process, including harmonization with US GAAP, (b) IFRS GAAP for recording transactions and preparing financial statements, (c) a detailed comparison of IFRS and US GAAP, (d) foreign currency translations and accounting for changing prices, (e) international taxation and transfer pricing.
Prereq: ACCOUNT 343, or Consent of Department

ACCOUNT 490/690 WORKSHOP Repeatable 1-3 u**ACCOUNT 493 INTERNSHIP IN ACCOUNTING 2-6 u**

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: Students must have completed 60 units including 18 units in accounting courses beyond ACCOUNT 244 and have a combined 2.75

GPA in ACCOUNT 244, ACCOUNT 249 or ACCOUNT 342, ACCOUNT 261 or ACCOUNT 341 and ACCOUNT 343

ACCOUNT 496/696 SPECIAL STUDIES Repeatable 1-3 u**ACCOUNT 497 EXCHANGE STUDY Repeatable 1-12 u****ACCOUNT 498 INDEPENDENT STUDIES 1-3 u**

Study of a selected topic or topics under the direction of a faculty member. Repeatable. Prereq: Students must have completed 60 units and have a combined 2.75 GPA in ACCOUNT 244, ACCOUNT 249 or ACCOUNT 342, ACCOUNT 261 or ACCOUNT 341, and ACCOUNT 343, and have consent of department.

DEPARTMENT OF ECONOMICS

Phone: 262-472-1361 E-Mail: economics@uwm.edu

Faculty: Yamin Ahmad, John Dominguez, Mark Eiswerth, Stuart Glosser, Jeffery Heinrich (Chairperson), Russ Kashian, L. Denton Marks, Thomas Schweigert, Ran (Nancy) Tao, David Welch.

Economics occupies a unique position in the academic curriculum. It is a social science concerned with choices made by individuals and society regarding resource allocation. At the same time, economics is essential to understanding the business world and provides the foundation for applications in accounting, finance, management and marketing.

There are a variety of ways to include economics in an undergraduate degree. Students can major in economics within the College of Letters and Sciences or within the College of Business and Economics. Students from the College of Letters and Sciences can combine a major in economics with a professional minor in business studies. Students from the College of Business and Economics or the College of Letters and Sciences who are not economics majors can obtain a minor in economics. Students in the College of Education can obtain a BSE with a major in economics.

Economics is divided into economic theory, quantitative methods and a variety of applied subfields. The department offers courses in Comparative Economics, Economic Development, Economics of Health Care, Industrial Organization, International Economics, Labor, Managerial Economics, Monetary Economics, Natural and Environmental Resource Economics, Public Economics, and Urban and Regional Economics. Economic theory and quantitative methods provide students with analytical skills and with the tools of empirical investigation.

An economics education opens up opportunities for career paths in business, government, nongovernmental and nonprofit organizations, journalism and education. Economics is valuable as a major or minor for those planning to pursue further professional or graduate training: MBA, law, public policy and administration, industrial and labor relations, and international relations. Students who are considering graduate work in economics or related business disciplines should consider a minor in mathematics or a double major in economics and mathematics.

MAJORS/EMPHASES

The department offers the following three emphases. All students pursuing an emphasis must take Economics 201, 202, 301, 302 and 404 (for BA or BS) or 345 (for BBA).

These are particularly useful for those interested in policy-related careers. Economics provides intellectual tools fundamental to the origination, development, and critique of policy in the business, nonprofit, and public sectors.

International Emphasis: This emphasis is of value to students seeking a career in business, government or non-governmental organizations involved with the increasing globalization of the world economy. It provides students with a comprehensive background in: international trade and trade policy;

international finance and exchange rates; multinational enterprise and foreign investment; economic growth and development in developing and transition economies; comparative economic systems.

Courses:

ECON 359 Comparative Economic Systems
 ECON 360 Growth and Development in the World Economy
 ECON 401 International Economics
 ECON 406 International Finance and Banking
 ECON 431 Economics of Globalization

Business Policy Emphasis: This emphasis is of value for careers involving strategic and tactical planning in the private sector. It develops skills in issue/problem identification and definition, formulation of hypotheses, model-building and model-testing. Business policy involves some or all of the core business areas such as marketing, finance, and accounting, but takes a broader view of the overall role of the firm and the industry in which it operates. Courses of particular interest include:

ECON 301 Intermediate Microeconomic Analysis
 ECON 302 Intermediate Macroeconomic Analysis
 ECON 341 Government and Business
 ECON 345 Business Statistics II
 ECON 353 Economics of Labor Markets and Labor Policies
 ECON 354 Money and Banking
 ECON 402 Business Cycles
 ECON 437 Managerial Economics
 ECON 441 Industrial Organization and Competitive Strategies
 ECON 493 Internship in Economics

Students completing this emphasis will be well prepared for direct entry into a business career path or for further graduate or professional study (e.g., a general or specialized MBA).

Public Policy Emphasis: This emphasis is for those seeking a career in government: in the civil service; as an elected official. Also careers involving formulation of public policy through organizations as diverse as trade associations and nonprofit organizations. Courses of particular interest include:

ECON 301 Intermediate Microeconomic Analysis
 ECON 302 Intermediate Macroeconomic Analysis
 ECON 341 Government and Business
 ECON 353 Economics of Labor Markets and Labor Policies
 ECON 356 Public Finance
 ECON 438 Urban, Regional, and Transport Economics
 ECON 445 Economics of Health Care
 ECON 471 Natural Resource and Environmental Economics
 ECON 493 Internship in Economics

Students completing this emphasis will be prepared either for direct entry into careers in public policy analysis in the public or private sector or for further graduate or professional study in areas such as Public Policy Analysis or Public Administration. The curriculum relevant to those particularly interested in public policy toward business (e.g., business regulation, trade policy) are referred to the discussion of the Business Policy Emphasis.

ECONOMICS (BBA)

MAJOR - 24 UNITS

1. ECON 345, ECON 301 AND ECON 302
2. SELECT 15 UNITS (COURSE LEVEL 300 OR 400) FROM ECONOMICS DEPARTMENT

UNIQUE REQUIREMENT:

1. MATH 243 OR MATH 250 OR MATH 253

ECONOMICS - BUSINESS POLICY EMPHASIS (BBA)

MAJOR - 27 UNITS

1. ECON 301, ECON 302, ECON 345
2. SELECT 12 ELECTIVE UNITS FROM THE FOLLOWING:
 ECON 341, ECON 353, ECON 356, ECON 438, ECON 445,
 ECON 471, OR ECON 493
3. SELECT 6 UNITS FROM
 MARKETNG 321, MARKETNG 479, MANGEMNT 471, OR
 MANGEMNT 484

UNIQUE REQUIREMENT:

1. MATH 243 OR MATH 250 OR MATH 253

ECONOMICS - INTERNATIONAL ECONOMICS EMPHASIS (BBA)

MAJOR - 27 UNITS

1. ECON 301, ECON 302, ECON 345
2. SELECT 12 UNITS IN THE FOLLOWING:
 ECON 360, ECON 401, ECON 406, ECON 431, OR ECON 359
3. SELECT 6 UNITS FROM:
 COMM 424, FNBSLW 410, MANGEMNT 410, MARKETNG
 361, POLISCI 350, POLISCI 351, OR GEOGRPY 332

UNIQUE REQUIREMENT:

1. MATH 243 OR MATH 250 OR MATH 253

ECONOMICS - PUBLIC POLICY EMPHASIS (BBA)

MAJOR - 27 UNITS

1. ECON 301, ECON 302, ECON 345
2. SELECT 12 UNITS FROM THE FOLLOWING:
 ECON 341, ECON 353, ECON 356, ECON 438, ECON 445,
 ECON 471, OR ECON 493
3. SELECT 6 UNITS FROM:
 POLISCI 330, POLISCI 344, GEOGRPY 340, GEOGRPY 350,
 GEOGRPY 440

UNIQUE REQUIREMENT:

1. MATH 243 OR MATH 250 OR MATH 253

ECONOMICS (BA/BS)

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

1. a minimum overall GPA of 2.0.
2. a minimum grade point of 2.0 in their major.

MAJOR - 27 UNITS & 2.00 GPA

1. ECON 201 (GS), ECON 245, ECON 404, ECON 301 AND ECON 302
2. SELECT 12 ELECTIVE UNITS (300 AND 400) IN ECONOMICS

UNIQUE MAJOR AND WRITING REQ. - 9-11 UNITS

1. ECON 202 (GS) AND ITBE 353 RLS
2. MATH 243 (GM) OR MATH 250 (GM) RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ECONOMICS - INTERNATIONAL ECONOMICS EMPHASIS (BA/BS)

MAJOR - 33 UNITS

1. ECON 201 (GS), ECON 245, ECON 301, ECON 302 AND ECON 404
2. SELECT 12 ELECTIVE UNITS FROM:
 ECON 301, ECON 359, ECON 360, ECON 401, ECON 406,

- OR ECON 431,
3. SELECT 6 UNITS FROM
COMM 424, FNBSLW 410, MANGEMNT 410, MARKETNG
361, POLISCI 350, POLISCI 351, GEOGRPY 332
UNIQUE MAJOR AND WRITING REQUIREMENT - 9-11 UNITS
A. ECON 202 (GS) AND ITBE 353
B. MATH 342 OR MATH 250

ECONOMICS - PUBLIC POLICY EMPHASIS (BA/BS)

MAJOR - 33 UNITS

- ECON 201 (GS), ECON 245, ECON 301, ECON 302, ECON 404
 - SELECT 12 UNITS FROM THE FOLLOWING:
ECON 341, ECON 345, ECON 353, ECON 356, ECON 438,
ECON 445, ECON 471, OR ECON 493
 - SELECT 6 UNITS FROM THE FOLLOWING:
POLISCI 330, POLISCI 344, GEOGRPY 340, GEOGRPY 350
OR GEOGRPY 440
- UNIQUE MAJOR AND WRITING REQUIREMENT - 9-11 UNITS
A. ECON 202 (GS) AND ITBE 353
B. MATH 243 OR MATH 250

ECONOMICS (BSE)

LICENSURE - 37-38 UNITS

- SECNDED 466
- EDFOUND 243 OR EDFOUND 445
- SELECT 2 UNITS FROM CIFLD 210
- STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM
CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND
12 UNITS FROM CIFLD 412
- SECNDED 430
- GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
- ECON 213 RLS
- EDFOUND 212 AND EDFOUND 425
- SELECT 3 UNITS FROM COURSE SPECED 205

MAJOR - 34 UNITS

- ECON 245, ECON 404, ECON 301, ECON 302 AND ECON 359
- ECON 201 (GS) OR ECON 213
- SELECT 16 UNITS (COURSE LEVEL 300 OR 400)
FROM ECONOMICS DEPT

WRITING - 3 UNITS

- ITBE 353 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIAL STUDIES BROADFIELD - ECONOMICS I EMPHASIS (BSE)

LICENSURE - 42-43 UNITS

- SECNDED 466
- EDFOUND 243 OR 445
- SELECT 2 UNITS FROM CIFLD 210
- STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM
CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND
12 UNITS FROM CIFLD 412
- SECNDED 430
- GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
- ECON 213 RLS
- EDFOUND 212 AND EDFOUND 425
- SELECT 3 UNITS FROM COURSE CIFLD 492

- SELECT 3 UNITS FROM SPECED 205

MAJOR - 54 UNITS

- ECON 245, ECON 404, ECON 301, ECON 302 AND ECON 359
- ECON 201 (GS) OR ECON 213
- SELECT 16 UNITS FROM ECONOMICS COURSES
AT THE 300 OR 400 LEVEL
- SELECT 20 UNITS FROM AT LEAST 2 OF THE SOCIAL
SCIENCE AREAS EXCLUDING CORE COURSES

WRITING - 3 UNITS

- ITBE 353 RLS

SOCIAL STUDIES BROADFIELD - ECONOMICS II EMPHASIS (BSE)

LICENSURE - 42-43 UNITS

- SECNDED 466
- EDFOUND 243 OR EDFOUND 445
- SELECT 2 UNITS FROM CIFLD 210
- STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM
CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND
12 UNITS FROM CIFLD 412
- SECNDED 430
- GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
- ECON 213 RLS
- EDFOUND 212 AND EDFOUND 425
- SELECT 3 UNITS FROM COURSE CIFLD 492
- SELECT 3 UNITS FROM SPECED 205

MAJOR - 54 UNITS

- ECON 245, ECON 404, ECON 301 AND ECON 302
- ECON 201 (GS) OR ECON 213
- SELECT 7 ELECTIVE UNITS FROM ECONOMICS
COURSE LEVEL 300 OR 400
- SELECT 32 UNITS FROM AT LEAST 3 OF THE
SOCIAL SCIENCE AREAS EXCLUDING CORE COURSES

WRITING - 3 UNITS

- ITBE 353 RLS

MINOR/EMPHASES**ECONOMICS - L&S EMPHASIS**

MINOR - 21 UNITS

- ECON 201 (GS) AND ECON 202 (GS)
- SELECT 15 UNITS FROM ECONOMICS NUMBERED
ECON 240 OR HIGHER. IF YOU ARE A BBA STU-
DENT, THE ECON COURSES APPLIED TO YOUR
DEGREE REQUIREMENTS WILL NOT BE LISTED
HERE BUT THEY CAN BE APPLIED TO THE
MINOR; CHECK WITH THE ECON DEPT FOR
INFORMATION.

ECONOMICS EDUCATION EMPHASIS

MINOR - 22 UNITS

- ECON 201 (GS), ECON 202 (GS) AND ECON 359
- SELECT 13 UNITS FROM ECONOMICS NUMBERED ECON
240 OR HIGHER

COURSE DESCRIPTIONS

ECON 201 PRINCIPLES OF MICRO-ECONOMICS **GS** **3 u**

Consumer and firm behavior. Market supply and demand and the price system. Monopoly and imperfectly competitive market structures. The pricing of factors of production and the distribution of income. Additional topics may include: poverty, growth and development; international trade. Conventional grade basis only if course is required in the College of Business for major.

Prereq: Waiver of or a grade of C or better in Math 141

ECON 202 PRINCIPLES OF MACRO-ECONOMICS **GS** **3 u**

The economic problem: allocating scarce resources among alternative uses. The role of the market: supply and demand. The aggregate economy: output, income, employment and inflation. The nature and role of money. The effect of government expenditure and taxation on the economy. Conventional grade basis only if course is required in the College of Business for major.

Prereq: ECON 201

ECON 213 ECONOMIC PRINCIPLES FOR TEACHERS **3 u**

Price-determination, income-distribution, and resource allocation in the market economy, including profit-making and cooperative business organizations. International trade, economic growth, and the role of government are examined. Satisfies the state teacher certification requirements of instruction in cooperatives.

Prereq: Sophomore standing. Unreq: ECON 201 or ECON 212.

ECON 245 BUSINESS STATISTICS I **3 u**

An introduction to descriptive statistics, probability theory and statistical inference. Graphical and numerical methods of summarizing data. Probability concepts and theoretical probability distributions. Sampling and sampling distributions. Estimation, confidence intervals and hypothesis testing. Correlation and regression analysis. The course emphasizes the application and interpretation of statistical techniques.

Prereq: MATH 143 or MATH 243 or MATH 250 or MATH 253.

ECON 301 INTERMEDIATE MICROECONOMIC ANALYSIS **3 u**

Consumer and firm behavior. Theories of consumption and production. Pricing of products and factors of production under different market structures. General equilibrium. Market failure, externalities and public goods.

Prereq: ECON 201 and MATH 243 or MATH 250 or MATH 253

ECON 302 INTERMEDIATE MACROECONOMIC ANALYSIS **3 u**

Measuring the aggregate economy: national income and product accounting, inflation and unemployment. The nature and role of money and interest rates in the macroeconomy. The effects of monetary and fiscal policies on output, employment and inflation in the short and long run. Economic fluctuations and growth.

Prereq: ECON 202 and MATH 243 or MATH 250 or MATH 253

ECON 341 GOVERNMENT AND BUSINESS **3 u**

Development of public policies toward business. Constitutional powers and limitations of the federal government. Laws and key Supreme Court cases dealing with monopoly, business practices and public utility regulation. River valley development, oil and natural gas policy and problems of public ownership.

Prereq: ECON 201 or ECON 212.

ECON 345 BUSINESS STATISTICS II **3 u**

The second course in statistics is a course in applied regression analysis. It begins with a review and extension of descriptive statistics, probability and statistical inference as presented in a first course before going on to a detailed treatment of simple and multiple regression.

Prereq: ECON 245 and MATH 243 or MATH 250 or MATH 253

ECON 353 ECONOMICS OF LABOR MARKETS AND LABOR POLICIES **3 u**

A study of the demand for and supply of labor with particular emphasis upon: the behavior of labor markets; economic theories of wage determination; labor institutions and their historical evolution; labor-management relations; the effects of public policy.

Prereq: ECON 201 or ECON 212.

ECON 354 MONEY AND BANKING **3 u**

The demand for and supply of money in historical perspective including the role of the banking system in the credit creation process. Financial markets, interest rates and economic activity. The Federal Reserve System, monetary policy and the macroeconomy.

Prereq: ECON 201 or ECON 212.

ECON 356 PUBLIC FINANCE **3 u**

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

Prereq: ECON 201 or ECON 212.

ECON 359 COMPARATIVE ECONOMIC SYSTEMS **3 u**

Study of the modern theories of capitalism and socialism and their variants. Examination of the origin, organization, operation and performance of alternative economic systems. Contemporary economies considered are those of United States, Russia, China, Japan and selected economies from Eastern and Western Europe. Emphasis is on reform/transition efforts in these economies.

Prereq: ECON 202 or ECON 211

ECON 360 GROWTH AND DEVELOPMENT IN THE WORLD ECONOMY **3 u**

The historical growth experience of industrialized economies; the challenge of development in Asia, Africa and Latin America; problems of transition in formerly centrally planned economies. Economic growth and structural change; income distribution and poverty; population growth and human resources; international trade, foreign investment and development assistance.

Prereq: ECON 202 or ECON 211

ECON 401 INTERNATIONAL ECONOMICS **3 u**

The nature, extent and growth of international trade. Comparative advantage as the basis for trade. Distribution of the gains from trade between and within countries. International capital and labor mobility. Growth, technological progress and trade. Tariffs, quotas, subsidies, economic integration. Exchange rates and the balance of payments.

Prereq: ECON 201 or ECON 212.

ECON 402 BUSINESS CYCLES **3 u**

An historical overview and theoretical interpretations of U.S. business cycle experience. U.S. business cycles in a global context, business cycle theories and stabilization policy.

Prereq: ECON 202 and MATH 243 or MATH 250 or MATH 253

ECON 404 HISTORY OF ECONOMIC THOUGHT **3 u**

A study of the development of economic ideas, with emphasis on classical, neo-classical, socialist, Keynesian and institutional schools of thought.

Prereq: ECON 202 OR ECON 211.

ECON 406 INTERNATIONAL FINANCE AND BANKING **3 u**

The monetary dimension of international economics. Balance of payments accounting; exchange rates, prices and interest rates; spot and forward foreign exchange; international financial markets and international banking; exchange rate systems and the role of central banks; open-economy macroeconomics; the international monetary system and current policy issues.

Prereq: ECON 202 or ECON 211.

ECON 413 ADVANCED ECONOMIC ANALYSIS 3 u
A survey of fundamental micro and macro economic theory that can be presented as mathematical models. The course emphasizes the use of models in positive economic analysis of areas such as consumer behavior, production, financial markets; and their role in facilitating rigorous analysis and developing testable predictions.
Prereq: ECON 201 and MATH 243 or MATH 250 or MATH 253 or consent of instructor.

ECON 431 ECONOMICS OF GLOBALIZATION 3 u
The course treats the political economy of trade, foreign investment and multinational corporations; the economic and social consequences of globalization; governments, markets, and the instruments of international economic and industrial policy; the World Trade Organization and recent issues--environmental and labor standards; intellectual property; services trade; the developing nations.
Prereq: ECON 201 or ECON 212.

ECON 437 MANAGERIAL ECONOMICS 3 u
The course uses the tools and techniques of economic analysis to solve managerial problems. The emphasis is on practical applications. Topics: optimization techniques; analysis and estimation of demand and costs of production; market structures and pricing practice.
Prereq: ECON 201 or ECON 212 and ECON 245.

ECON 438 URBAN REGIONAL AND TRANSPORT ECONOMICS 3 u
The economics of location. Zoning and land use planning. Urban sprawl and the urban/rural periphery. Real estate economics. The urban crisis in the US. The role of the automobile and the highway system. Public policy and the urban environment.
Prereq: ECON 201 or ECON 212

ECON 441 INDUSTRIAL ORGANIZATION AND COMPETITIVE STRATEGIES 3 u
Application of economic theory and analysis to case studies in American industry in terms of market structure, market conduct, and industry performance. Analysis of the ways business firms and markets are organized and interact, assessment of the outcomes of various types of firm behavior and the performance of markets, and evaluation of the causes and types of market failures.
Prereq: ECON 201 or ECON 212

ECON 445 ECONOMICS OF HEALTH CARE 3 u
Economics of Health Care is concerned with allocation of resources within the health care sector of the U.S. economy. Major topics include production of health care and its distribution across the population. In addition, various measures will be used to establish the relationship between the health care sector and national policy concerns.
Prereq: ECON 201 or ECON 212

ECON 471 NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS 3 u
Markets and the efficient allocation of resources over time. Market failure - property rights, externalities, public goods. Valuation of environmental benefits and costs. Economics of renewable and non-renewable natural resources - land, water, fisheries, forests, energy, minerals. Pollution abatement and environmental protection. Global issues - population, climate change, tropical deforestation, the oceans and atmosphere as global "commons".
Prereq: ECON 201 or ECON 212

ECON 490 WORKSHOP *Repeatable* 1-3 u

ECON 491 TRAVEL STUDY *Repeatable* 3 u

ECON 497 EXCHANGE STUDY *Repeatable* 1-12 u

ECON 493 INTERNSHIP IN ECONOMICS 1-3 u
This is an opportunity for an economics student to gain practical experience in a business, bank, government, non-profit organization before graduation.

The experience will supplement the students' academic work in preparation for a career.
Prereq: Economics major or minor, junior or senior standing, and consent of the department.

ECON 494 SEMINAR IN ECONOMICS 1-3 u
Repeatable. Prereq: Sr st with at least 12 credit hours in economics or consent of instructor.

ECON 496 SPECIAL STUDIES 1-3 u
Repeatable for a maximum of 3 units in the major or 6 units in the degree.

ECON 498 INDEPENDENT STUDY 1-3 u
Repeatable. Prereq: Junior or senior standing and consent of instructor and department chairperson.

DEPARTMENT OF FINANCE AND BUSINESS LAW

Phone: 262-472-1316 E-Mail: marinok@uwm.edu

Faculty: Steve Fan, John Howat, Rashiqa Kamal, Hamid Moini, James Molloy, Howard Olson, David Porter, Linda Reid, Linda Yu (Chairperson), Yuan Yuan, Jianzhou Zhu.

The Department of Finance and Business Law at UW-Whitewater provides students with a strong foundation in the primary financial areas of corporate finance, investments, and money and capital markets. The program allows students flexibility to explore these areas in greater detail or to branch out in other financial areas such as financial planning, insurance, or real estate. The department offers finance major with these three emphases. The Finance & Business Law Department is unique in our ability to offer each of these four options as an Honors degree. We also offer a Bloomberg Certification course, an Applied Investments course, the option to complete the MBA-Finance Emphasis online and the opportunity to take several undergraduate (BBA) courses online. One fourth of the CPA exam is prepped by students taking FNBSLW 342/542.

MAJOR/EMPHASES

Note: The requirement to major in finance is to have earned a B- or better grade in FNBSLW 344, Business Finance.

FINANCE (BBA)

MAJOR - 24 UNITS

1. FNBSLW 345, FNBSLW 360, FNBSLW 444 AND FNBSLW 456
2. SELECT 12 ELECTIVE UNITS FROM COURSES
ACCOUNT 341, ACCOUNT 343, ACCOUNT 451, ACCOUNT 452, ACCOUNT 456, ECON 301, ECON 302, ECON 345, ECON 354, ECON 356, ECON 402, ECON 406, FNBSLW 342, FNBSLW 348, FNBSLW 401, FNBSLW 410, FNBSLW 420, FNBSLW 430, FNBSLW 433, FNBSLW 442, FNBSLW 446, FNBSLW 455, FNBSLW 457, FNBSLW 458, FNBSLW 460, FNBSLW 464, FNBSLW 484, FNBSLW 493, AND MANGEMNT 471
A MAXIMUM OF TWO COURSES FROM EACH SET BELOW CAN BE USED IN THE MAJOR
SET 1: ACCOUNT 341, ACCOUNT 343 AND ACCOUNT 451, ACCOUNT 452, AND ACCOUNT 456
SET 2: ECON 301, ECON 302, ECON 345, ECON 354, ECON 356, ECON 402, AND ECON 406

MAJOR - UNIQUE REQUIREMENT:

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1. MATH 243 OR MATH 250 OR MATH 253

FINANCE: FINANCE HONORS EMPHASIS (BBA)

MAJOR - 30 UNITS GPA 3.5

1. FNBSLW 345, FNBSLW 360
2. FNBSLW 444, FNBSLW 456
3. FNBSLW 498
4. FNBSLW 493
5. SELECT 12 ELECTIVE UNITS FROM COURSES:
ACCOUNT 341, ACCOUNT 343, ACCOUNT 451, ACCOUNT 452, ACCOUNT 456, ECON 301, ECON 302, ECON 345, ECON 354, ECON 356, ECON 402, ECON 406, FNBSLW 342, FNBSLW 348, FNBSLW 401, FNBSLW 410, FNBSLW 420, FNBSLW 430, FNBSLW 433, FNBSLW 442, FNBSLW 446, FNBSLW 455, FNBSLW 457, FNBSLW 458, FNBSLW 460, FNBSLW 464, FNBSLW 484, AND MANGEMNT 471

A MAXIMUM OF TWO COURSES FROM EACH SET BELOW CAN BE USED IN THE MAJOR

SET 1: ACCOUNT 341, ACCOUNT 343, AND ACCOUNT 451, ACCOUNT 452, AND ACCOUNT 456

SET 2: ECON 301, ECON 302, ECON 345, ECON 354, ECON 356, ECON 402 AND ECON 406

MAJOR - UNIQUE REQUIREMENT

1. MATH 250

FINANCE: INSURANCE EMPHASIS (BBA)

MAJOR - 24 UNITS

1. FNBSLW 345, FNBSLW 360, FNBSLW 444 AND FNBSLW 456
2. FNBSLW 446, FNBSLW 464 AND FNBSLW 460
3. ECON 345 OR FNBSLW 442

MAJOR - UNIQUE REQUIREMENT:

1. MATH 243 OR MATH 250 OR MATH 253

FINANCE: FINANCE HONORS INSURANCE EMPHASIS (BBA)

MAJOR - 30 UNITS GPA 3.5

1. FNBSLW 345, FNBSLW 360
2. FNBSLW 444, FNBSLW 456
3. FNBSLW 446, FNBSLW 464, FNBSLW 460
4. ECON 345 OR FNBSLW 442
5. FNBSLW 498
6. FNBSLW 493

MAJOR - UNIQUE REQUIREMENT

1. MATH 250

FINANCE: REAL ESTATE EMPHASIS (BBA)

MAJOR - 24 UNITS

1. FNBSLW 345, FNBSLW 360, FNBSLW 444 AND FNBSLW 456
2. FNBSLW 348, FNBSLW 457 AND FNBSLW 458
3. FNBSLW 442 OR ACCOUNT 451

MAJOR - UNIQUE REQUIREMENT:

1. MATH 243 OR MATH 250 OR MATH 253

FINANCE: FINANCE HONORS REAL ESTATE EMPHASIS (BBA)

MAJOR - 30 UNITS GPA 3.5

BUSINESS AND ECONOMICS

1. FNBSLW 345, FNBSLW 360
2. FNBSLW 444, FNBSLW 456
3. FNBSLW 348, FNBSLW 457, FNBSLW 458
4. ACCOUNT 451 OR FNBSLW 442
5. FNBSLW 498
6. FNBSLW 493

MAJOR - UNIQUE REQUIREMENT:

1. MATH 250

FINANCE: FINANCIAL PLANNING EMPHASIS (BBA)

MAJOR - 24 UNITS

1. FNBSLW 345, FNBSLW 360, FNBSLW 444 AND FNBSLW 456
2. FNBSLW 401 AND FNBSLW 446
3. SELECT 6 UNITS FROM THE FOLLOWING: ACCOUNT 451, FNBSLW 442 OR FNBSLW 464

MAJOR - UNIQUE REQUIREMENT:

1. MATH 243 OR MATH 250 OR MATH 253

FINANCE: FINANCE HONORS FINANCIAL PLANNING EMPHASIS (BBA)

MAJOR - 28 UNITS GPA 3.5

1. FNBSLW 345, FNBSLW 360
2. FNBSLW 444, FNBSLW 456
3. FNBSLW 401, FNBSLW 446
4. SELECT 6 UNITS FROM THE FOLLOWING: ACCOUNT 451, FNBSLW 442, FNBSLW 464
5. FNBSLW 498
6. FNBSLW 493

MAJOR - UNIQUE REQUIREMENT

1. MATH 250

MINOR

BUSINESS LAW

MINOR - 21 UNITS

1. FNBSLW 341, FNBSLW 342 AND FNBSLW 442
2. FNBSLW 443 OR ECON 353
3. FNBSLW 455 OR POLISCI 344 OR POLISCI 350
4. SELECT 6 UNITS FROM COURSES
FNBSLW 348, FNBSLW 446, PHILSPHY 281,
POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 419
5. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 UNITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

BUSINESS FINANCE

MINOR - 21 UNITS

1. ACCOUNT 244, FNBSLW 344, FNBSLW 345, FNBSLW 360
2. ACCOUNT 249 OR ACCOUNT 261
3. SELECT 6 UNITS FROM COURSES
ECON 354, ECON 356 AND ANY FINANCE COURSE
4. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 UNITS IN SPECIAL OR INDEPENDENT STUDY, CORRESPONDENCE & INTERNSHIPS WILL BE ALLOWED

UNIQUE REQUIREMENT - 6 UNITS

1. MATH 143 RLS
2. MATH 243 OR MATH 250 OR MATH 253

COURSE DESCRIPTIONS

- FNBSLW 301 CONSUMER FINANCE 3 u**
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.
- FNBSLW 341 BUSINESS AND COMMERCIAL LAW 3 u**
An introduction to business and the law. Includes topics such as legal systems, court procedure, business torts and crimes, contracts and related areas of the Uniform Commercial Code, government regulation of business, and the ethical and legal rights and duties of individuals and businesses in our society.
Prereq: Admission to upper division or jr st.
- FNBSLW 342/542 ADVANCED BUSINESS AND COMMERCIAL LAW 3 u**
This course provides an advanced study of the law for business or pre-law students, including an examination of the Uniform Commercial Code and the Law of Sales, Negotiable Instruments, Secured Transactions and Documents of Title. This course also includes a study of the Law of Business Entities and Creditor and Debtor Relations.
Prereq: FNBSLW 341.
- FNBSLW 344 BUSINESS FINANCE 3 u**
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: ACCOUNT 249 or ACCOUNT 261
- FNBSLW 345 INVESTMENTS 3 u**
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: FNBSLW 344.
- FNBSLW 348 REAL ESTATE 3 u**
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.
- FNBSLW 360 FINANCIAL INSTITUTIONS 3 u**
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: FNBSLW 344.
- FNBSLW 370 ENTREPRENEURIAL FINANCIAL MANAGEMENT 3 u**
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: FNBSLW 344.
- FNBSLW 401 FINANCIAL PLANNING 3 u**
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 FNBSLW 341 and FNBSLW 345
- FNBSLW 410 MULTINATIONAL BUSINESS FINANCE 3 u**
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: FNBSLW 344.

FNBSLW 420 BANK ADMINISTRATION 3 u
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: FNBSLW 344 and FNBSLW 360.

FNBSLW 430 FINANCIAL FUTURES AND OPTIONS 3 u
A study of financial futures and options. Course topics will include: characteristics of futures and options contracts, how the markets function, the ways in which the instruments are used and why, option valuation models, the cash-futures basis, and regulation.
Prereq: FNBSLW 345.

FNBSLW 433 CREDITORS' RIGHTS AND BANKRUPTCY 3 u
This course introduces the concepts of debtor and creditor rights, secured transactions, debt collection, and bankruptcy. It explores the methods by which creditors can seek satisfaction of debt through judicial process or in a debtor's bankruptcy and the methods by which debtors can seek relief from or discharge of debt.
Prereq: FNBSLW 341

FNBSLW 440 WATER LAW 3 u
This course covers legal and policy issues related to the allocation and protection of freshwater. Topics include the right to surface and ground waters in eastern riparian & western prior appropriation systems, public rights in water, federal and Indian water rights, resolving transboundary water conflicts, and environmental law impacts on water rights. Particular attention is paid to Wisconsin and Great Lakes region water law issues.
Prereq: FNBSLW 341

FNBSLW 442 ESTATES AND TRUSTS 3 u
A study of the substantive and procedural laws relating to wills, estates, trusts, guardianships, fiduciaries, estate taxation, retirement, and end-of-life planning.
Prereq: FNBSLW 341

FNBSLW 443 LABOR LAW 3 u
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: FNBSLW 341.

FNBSLW 444 CORPORATE FINANCIAL MANAGEMENT DECISIONS 3 u
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: B- or better in FNBSLW 344; FNBSLW 345; 84 credits; Restricted to Students with Major: Finance or Finance w/ Financial Planning Emphasis or Finance w/Insurance Emphasis or Finance w/Real Estate Emphasis

FNBSLW 446 INSURANCE 3 u
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.

FNBSLW 455 CORPORATE GOVERNANCE AND ADMINISTRATIVE LAW 3 u
Every business activity is affected by the issues of corporate governance and

administrative law. This course will examine how modern corporations are governed and to whom they are responsible. The course explores business, financial, political, ethical, and legal issues affecting systems by which corporations are directed and controlled. Students will examine the nature of the corporation, the basic theory of the firm, the internal and external architecture of corporate governance, the role of regulatory authorities, models of corporate governance, principal-agent theory within the corporate context, as well as corporate culture, corruption, management and board compensation, sustainability, and conceptions of social responsibility. The course will focus on both the theoretical and policy implications of corporate governance, including legislation implemented to effect reforms and set new standards in the wake of corporate scandals. Although the central focus of the course is U.S. corporate governance, systems used in other countries and the trend toward international convergence in corporate governance is also examined.

Prereq: FNBSLW 341.

FNBSLW 456 SECURITY ANALYSIS 3 u

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: B- or better in FNBSLW 344; FNBSLW 345; 84 credits; Restricted to Students with Major: Finance or Finance w/Financial Planning Emphasis or Finance w/Insurance Emphasis or Finance w/Real Estate Emphasis

FNBSLW 457 REAL ESTATE DEVELOPMENT 3 u

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: FNBSLW 348; may be waived for graduate students. Graduate students should confer with the instructor in advance.

FNBSLW 458 REAL ESTATE INVESTMENTS 3 u

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: FNBSLW 348

FNBSLW 460 ADVANCED PROPERTY AND CASUALTY INSURANCE 3 u

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 FNBSLW 446 or consent of instructor

FNBSLW 464 ADVANCED LIFE AND HEALTH INSURANCE AND PENSIONS 3 u

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 FNBSLW 446 or consent of instructor

FNBSLW 484 APPLIED INVESTMENTS *Repeatable* 3 u

Students will gain hands-on experience by managing a real portfolio of securities. After developing a group investment philosophy, they will analyze the current holdings, investigate other alternatives, and make buy and sell decisions as a group. Presentations of the students' research will be made to an advisory board made up of faculty and investment professionals.

Coreq: FNBSLW 456 and consent of department chair.

FNBSLW 490/690 WORKSHOP 1-3 u

Repeatable. Prereq: Consent of instructor.

FNBSLW 491/691 TRAVEL STUDY *Repeatable* 1-3 u

FNBSLW 493 INTERNSHIP 1-3 u

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 units in the major.

Prereq: Finance major or minor, junior or senior standing, and consent of the department.

FNBSLW 496/696 SPECIAL STUDIES 1-3 u

Repeatable for a maximum of 3 units in the major or 6 units in the degree.

FNBSLW 497 EXCHANGE STUDY *Repeatable* 1-12 u

FNBSLW 498 INDEPENDENT STUDY 1-3 u

Repeatable.

DEPARTMENT OF INFORMATION TECHNOLOGY AND BUSINESS EDUCATION

Phone: 262-472-1322 E-Mail: itbe@uwm.edu

Faculty: Paul Ambrose, Choton Basu, John Chenoweth (Chairperson), Andrew Ciganek, Robert Leitheiser, David Munro, Jo Ann Oravec, George Sargent, Robert Schramm, Bambi Statz, Lila Waldman, Roger Yin, Donald K. Zahn.

The Business Education program at this university is nationally known. The program won the National Programs of Excellence Award in 1994, 1997 and 2003. Business and Marketing teachers are prepared in content and methodology, which are complemented by field experiences. Graduates are marketable in education and business settings.

The Information Technology Infrastructure (ITI) major is offered for individuals who are interested in working in computer networking related fields. Graduates are qualified for positions such as network administrators, network engineers, computer and network support specialists, and related infrastructure and security positions.

The Information Technology minor allows individuals interested in improving their knowledge of information technology. Minors take a set of courses that provide an overview of the IT field and then choose from advanced IT courses to specialize in an area.

MAJOR/EMPHASES

By completing the Business and/or Marketing Education program, students will be eligible for the Department of Public Instruction License 250 (Business Education), or License 285 (Marketing Education). These licenses enables graduates to teach business and marketing subjects at grades K-12; business and marketing teachers often serve as coordinators of cooperative career and technical education programs and advisors of student organizations (DECA and FBLA) affiliated with business and marketing education.

To obtain DPI License 285, 4,000 hours of marketing-related work experience must be documented. Some of the necessary hours for these licenses can be acquired through ITBE 470 Directed Occupational Practice.

There are three options for students seeking a business and/or marketing teaching degree. The options are listed below:

BUSINESS EDUCATION (BSE)

LICENSURE - 41 UNITS

1. EDFOUND 212 AND EDFOUND 425
2. EDFOUND 243
3. SECNDED 441, SECNDED 442 AND SECNDED 444
4. SECNDED 466
5. SELECT 3 UNITS FROM COURSE EDFNDPRC 210
6. SELECT 3 UNITS FROM CIFLD 492 AND 2 UNITS FROM CIFLD 402
7. SPECED 205
8. STUDENT TEACHING
SELECT 12 UNITS FROM CIFLD 414 OR SELECT 12 UNITS FROM CIFLD 412

MAJOR - 42 UNITS

1. ITBE 245, ITBE 221, ITBE 280, ITBE 285
2. ACCOUNT 244, ITBE 353, FNBSLW 341 AND MARKETNG 311
3. ACCOUNT 498 (1 u.), ITBE 401, ITBE 447, ITBE 460, ITBE 461 AND ITBE 461
4. ITBE 141, ITBE 300

MAJOR - UNIQUE REQUIREMENT - 9 UNITS

1. ECON 201 (GS) RLS
2. ECON 202 (GS) RLS
3. COMPSCI 162

The Business Education Marketing Education Comprehensive major allows the students to obtain two Department of Public Instruction licensures-250 Business and 285 Marketing. School districts favor this combination as it gives them flexibility in staffing.

BUSINESS AND MARKETING EDUCATION COMPREHENSIVE (BSE)

LICENSURE - 43 UNITS

1. EDFOUND 212 AND EDFOUND 425
2. EDFOUND 243
3. SECNDED 440, SECNDED 441, SECNDED 442, AND SECNDED 444
4. SECNDED 466
5. SELECT 3 UNITS FROM COURSE EDFNDPRC 210
6. SELECT 3 UNITS FROM CIFLD 492 AND 2 UNITS FROM CIFLD 402
7. SPECED 205
8. STUDENT TEACHING
SELECT 12 UNITS FROM CIFLD 414 OR SELECT 12 UNITS FROM CIFLD 412

MAJOR - 57 UNITS

1. ITBE 300, ITBE 141, FNBSLW 341, AND ITBE 401
2. ITBE 245, ITBE 221, ITBE 280, AND ITBE 285
3. ACCOUNT 244, ACCOUNT 498 (1 u.), AND ITBE 353
4. ITBE 447, ITBE 460, ITBE 461
5. MARKETNG 311, MANGEMNT 310 AND MANGEMNT 386 OR MARKETNG 360
6. SELECT 9 UNITS FROM THE FOLLOWING:
MARKETNG 337, MARKETNG 350, MARKETNG 351, MARKETNG 361, MARKETNG 412, MARKETNG 420, MARKETNG 429, MARKETNG 445, ITBE 470

MAJOR - UNIQUE REQUIREMENT - 9 UNITS

1. ECON 201 (GS) RLS
2. ECON 202 (GS) RLS
3. COMPSCI 162

MARKETING EDUCATION (BSE)

LICENSURE - 37 UNITS

1. EDFOUND 212 AND EDFOUND 425
2. EDFOUND 243
3. SECNDED 440 AND SECNDED 466
4. SELECT 3 UNITS FROM COURSE EDFNDPRC 210
5. SELECT 3 UNITS FROM CIFLD 492 AND 2 UNITS FROM CIFLD 402
6. SPECED 205
7. STUDENT TEACHING
SELECT 12 UNITS FROM CIFLD 414 OR SELECT 12 UNITS FROM CIFLD 412

MAJOR - 38 UNITS

1. ACCOUNT 244, ITBE 280
2. ITBE 141, ITBE 300, ITBE 353
3. ITBE 460, ITBE 461
4. MARKETNG 311, MARKETNG 310, AND MANGEMNT 387 OR MARKETNG 460
5. SELECT 9 UNITS FROM THE FOLLOWING:
MARKETNG 337, MARKETNG 350, MARKETNG 351, MARKETNG 361, MARKETNG 412, MARKETNG 420, MARKETNG 429, MARKETNG 445, ITBE 470
6. SELECT 0-3 ELECTIVE BUSINESS UNITS EXCEPT ECON 201 (GS) AND ECON 202 (GS)

MAJOR - UNIQUE REQUIREMENT - 9 UNITS

1. ECON 201 (GS) RLS
2. ECON 202 (GS) RLS
3. COMPSCI 162

INFORMATION TECHNOLOGY (BBA)

MAJOR - 21 UNITS

1. ITBE 221, ITBE 280, ITBE 285, ITBE 385
2. COMPSCI 171 or COMPSCI 172
3. 6 UNITS SELECTED FROM ITBE 320, ITBE 331, ITBE 332, ITBE 380, ITBE 451, ITBE 452, MCS 314 OR OTHER IT RELATED COURSE APPROVED BY THE ITBE DEPARTMENT CHAIR

INFORMATION TECHNOLOGY - NETWORKING AND SECURITY EMPHASIS (BBA)

MAJOR - 24 UNITS

1. ITBE 221, ITBE 285, ITBE 385, AND ITBE 451
2. ITBE 331, ITBE 332, ITBE 452
3. SELECT 3 UNITS FROM COURSES:
MCS 314, ITBE 320, ITBE 380, ITBE 485, ITBE 493, OR ITBE 495

UNIQUE REQUIREMENTS

1. COMPSCI 171 OR COMPSCI 172

MINOR**INFORMATION TECHNOLOGY**

MINOR - 21 UNITS

1. COMPSCI 171 OR COMPSCI 172
2. ITBE 221
3. SIX UNITS FROM:
 - a. ITBE 280 AND ITBE 285 OR

- b. COMPSCI 181 AND MCS 214
3. NINE UNITS OF ITBE OR OTHER I.T. RELATED COURSES TO BE CHOSEN WITH THE AID OF AN IT ADVISOR AND APPROVED BY THE ITBE DEPARTMENT CHAIR

COURSE DESCRIPTIONS

- ITBE 141 CONCEPTS OF BUSINESS** 3 u
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.
- ITBE 221 INFORMATION TECHNOLOGY INFRASTRUCTURE** 3 u
This course includes a detailed investigation of the primary infrastructure components of modern information systems. In particular the course focuses on computer hardware and networking components, infrastructure troubleshooting methodologies and tools, and networking protocols.
Prereq: Business Majors, 2.50 combined cumulative gpa and 24 credits; for all other majors, 2.00 gpa and 24 credits.
- ITBE 245 TECHNOLOGY APPLICATIONS FOR BUSINESS TEACHERS** 3 u
Offered on satisfactory/no unit basis only. Future business teachers will demonstrate the ability to use the keyboard while applying the touch method. They also will learn how to format business documents and apply rules of the English language to written exercises and business documents. Additionally, students will explore other methods of data entry and current events related to course content.
Prereq: Business Education, Business & Marketing Education Comprehensive majors, and MSBE students (Secondary emphasis).
- ITBE 280 INTRODUCTION TO INFORMATION SYSTEMS** 3 u
This course introduces students to information systems, and details how and why they are critical to the functioning of modern organizations. The course provides technological, organizational, and managerial foundations of information, and explains how successful systems are built. Students also learn to develop and use a database system for personal productivity.
Prereq: 24 credits, 2.50 combined cumulative gpa, completion of computer applications requirement or Public Policy major.
- ITBE 285 BUSINESS WEB APPLICATION DESIGN** 3 u
Students will learn web design and maintenance, graphics development, prototyping, design methodologies, and usability testing. Students are guided through a hands-on, step-by-step process of creating an attractive, well-designed Web site for an enterprise. Also e-business technologies and practices will be overviewed.
Prereq: ITBE 280
- ITBE 300/500 INTRODUCTION TO BUSINESS AND MARKETING EDUCATION** 3 u
This course is designed to introduce business and marketing education majors to the professions structure, standards, issues, expectations, and career development procedures.
Prereq: Junior standing and a Business Education major
- ITBE 320 BUSINESS ANALYSIS** 3 u
The basic role of a business analyst is to serve as a liaison between business divisions and the technical staff by translating business goals into information-system requirements and communicating those requirements to the technicians. This course provides students with the knowledge and techniques to perform this service.
Prereq: ITBE 280

- ITBE 331 SYSTEM ADMINISTRATION** 3 u
This course provides in depth coverage of the best practices for administering network systems. Students will be expected to demonstrate an ability to administer network operating systems (NOS) and applications.
Prereq: ITBE 221 and COMPSCI 171 or COMPSCI 172

- ITBE 332 NETWORK MANAGEMENT** 3 u
This course provides in depth coverage of the best practices for managing wide area network (WAN) components. Students will be expected to demonstrate an ability to manage network interconnection devices, such as routers and switches. The course will focus on designing appropriate data link (OSI Layer 2) and Internet layer (OSI Layer 3) architectures.
Prereq: ITBE 221 and COMPSCI 171 or COMPSCI 172

- ITBE 353 BUSINESS COMMUNICATION** 3 u
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.

- ITBE 356 BUSINESS COMMUNICATION ISSUES AND PRACTICES** 2 u
An in depth analysis of business communication issues and practices as they occur in today's business environment. Special emphasis is given to development of business writing and presentation skills including technologies and human factors affecting the business climate as they apply to business decision making, report writing, and communication systems.
Prereq: ITBE 353

- ITBE 380 BUSINESS INTELLIGENCE: CONCEPTS, METHODS AND TECHNOLOGIES** 3 u
Business Intelligence (BI) is the application of information processes, methodologies, and technologies to support analysis and decision making in organizations. This course will provide students with an understanding of: the basic concepts of BI, the role of BI in today's organizations, the methodologies involved in creating effective BI systems, and the tools that are available to support BI applications.
Prereq: (ITBE 280 or MCS 214) and (ECON 245 or MATH 231 or MATH 342)

- ITBE 385 PROJECT MANAGEMENT: METHODOLOGIES, TECHNIQUES, & TOOLS** 3 u
This course is designed to allow students from all business disciplines to understand how to manage projects. PM presents a methodology for managers to balance their time, cost, risks, resources, and people while ensuring quality goals are built into the project. The genesis of PM is covered using specific cases and examples.

- ITBE 388 CAREER INFORMATION** 1 u
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.
Prereq: Admitted to the College of Business and Economics

- ITBE 401/601 TEACHING PERSONAL FINANCE** 3 u
Students enrolled in this course will be prepared to teach personal finance. The course will cover personal finance/consumer education content and teaching methodology, including an analysis of published standards and the development of a financial literacy curriculum that could be used in teaching the subject at the secondary level.

- ITBE 447/647 INFORMATION SYSTEMS FOR BUSINESS TEACHERS** 3 u
This course is a study of the hardware and software used in business and business education classrooms with a focus on computer/technology literacy. Students will receive hands-on experience with a variety of hardware and software currently used in business education classrooms. Students will also investigate current trends and issues related to the use of technology in the K-12 curriculum.

Prereq: Business Education, Business & Marketing Education Comprehensive majors and MSBE Students

ITBE 451 MANAGING INFORMATION TECHNOLOGY SYSTEMS 3 u

This course covers material appropriate for individuals who may be expected to manage IT people and resources. Topics include business continuity planning, developing service level agreements, change management / revision control, capacity planning, impact analysis, testing, communication with vendors, customers and other constituents, and managing IT professionals.

Prereq: ITBE 385

ITBE 452 INFORMATION ASSURANCE AND SECURITY 3 u

This course provides an in depth investigation into meeting the security needs of modern IT systems. Students will be expected to demonstrate an ability to establish security policies and configure security devices and software.

Prereq: ITBE 331 and ITBE 332

ITBE 454 COMPUTER END-USER SYSTEMS MANAGEMENT 3 u

This course integrates, through case studies or other comprehensive capstone experiences, the application of concepts, theories, and skills associated with end-user systems as they contribute to the solution of business problems. Selected topics will emphasize current technological advancements and computer end-user systems management concerns.

Prereq: ITBE 347, ITBE 348 and Computer End-User Technologies major or minor.

ITBE 460/660 PRINCIPLES OF CAREER AND TECHNICAL EDUCATION 2 u

History and development of vocational education both in the United States and Wisconsin are explored. The administrative structure of vocational education at the local, state, and national levels is outlined. Vocational program areas are discussed with emphasis given to issues, trends, and problems in vocational education. Meets the Department of Public Instruction's course requirement for vocational certification and fulfills one of the certification requirements of the Wisconsin Technical College System.

ITBE 461/661 ORGANIZATION, ADMINISTRATION, AND COORDINATION OF COOPERATIVE EDUCATION PROGRAMS 3 u

Study of career and technical education 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. Successful coordination of a program using the cooperative method will be stressed. Meets the Department of Public Instruction's course requirement for vocational certification.

Prereq: ITBE 460/660 or equivalent.

ITBE 470 DIRECTED OCCUPATIONAL PRACTICE 1-3 u

A course for selected upper level students to gain work experience in an area of business education, marketing (distributive) education, or computer technologies during a semester or summer. The culmination of this experience is a written report detailing the work experience and its contribution to the overall development of the student's career plan.

ITBE 480 MANAGEMENT INFORMATION SYSTEMS 3 u

Study of the "total systems" concept. Understanding of an integrated information system, employing a computer and data processing equipment for use by management for planning and control purposes. Analysis of actual information systems used in industry and the government. This course may not be used to satisfy Management Computer Systems major

requirements.

Prereq: 75 units toward degree.

ITBE 485 PROJECT 1-3 u

This course provides students with the opportunity to participate on a student project team under the management of a faculty member and industry practitioners. The project will be sponsored by a partnering business firm or organization and may involve a wide array of technologies, functional areas and geographically dispersed teammates. This course will only be offered when projects are available. Students will be carefully chosen through an interview process. The number of credits will be determined by the complexity of the project and the level of student involvement.

Prereq: Consent of Department

ITBE 490/690 BUSINESS EDUCATION WORKSHOP 1-3 u

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

ITBE 493 IT INTERNSHIP Repeatable 3 u

The student is to work as an information technology infrastructure professional in a business or government organization for the prescribe number of hours and report on the experience to the ITI faculty and fellow students. Consent of ITI Internship Coordinator required.

Prereq: Consent of ITI Coordinator

ITBE 495 EMERGING TECHNOLOGIES 3 u

This course provides students with the opportunity to immerse in new, innovative, and emerging technologies for both individual users and businesses. Students will conduct thorough cost-benefit and assorted front-end analyses and help write or rewrite business plans and/or IT strategic plans based on the needs identified in adopting emerging technologies or starting up a business related to a particular new technological solution. Students will participate on a project team under the management of a faculty member and/or industry professional. This will be a three credit hour elective course for all ITBE majors and minors.

Prereq: ITBE 331 and ITBE 332

ITBE 496/696 SPECIAL STUDIES 1-3 u

Repeatable. Prereq: Cons instr.

ITBE 497 EXCHANGE STUDY Repeatable 1-12 u

ITBE 498 INDEPENDENT STUDIES IN BUSINESS EDUCATION 1-3 u

Offered on a satisfactory/no credit basis only. Repeatable for a maximum of 3 units in major/degree. Prereq: Sr st and cons dept chp.

DEPARTMENT OF MANAGEMENT

Phone: 262-472-3964 E-Mail: management@uwm.edu

Faculty: Helena Addae, Tom Bramorski, James Bronson (Chairperson), Hung-Chung Su, Kelly Delaney-Krueger, William Dougan, William Drago, Yezdi Godiwalla, Jerry Gosenpud, Xuguang Guo, Manohar Madan, K. Praveen Parboteeah, Sameer Prasad, James Sisak, Louise Tourigny, Jeff Vanevenhoven, Richard Wagner, Jon Werner, Andy Yu.

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 Management (a separate major), Entrepreneurship (a separate major), Human Resources (a separate major), and Operations and Supply Chain Management (a separate major). Entrepreneurship prepares students to start, operate and build their own business. General Management allows students to personalize a program of study in preparation for a career in wide range of enterprises in the private and public sectors, including family and small businesses. Human Resource Management (HRM Major) educates students for careers in compensation and benefits, human resources, training and development, employee services, labor relations, and

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organizational development. Operations and Supply Chain Management (OSCM Major) prepares students for careers in operations scheduling, managerial decision support, quality project management and purchasing; emphasis is placed on the production of both goods and services in the private and public sectors.

MAJORS/EMPHASES

ENTREPRENEURSHIP (BBA)

MAJOR - 27 UNITS

1. BEINDP 201
2. MARKETNG 360
3. BEINDP 321
4. FNBSLW 370
5. MARKETNG 400 OR MARKETNG 429
6. MANGEMNT 485
7. MANGEMNT 487
8. SELECT 6 UNITS FROM ANY 300 - OR 400-LEVEL COLLEGE OF BUSINESS AND ECONOMICS COURSES

GENERAL MANAGEMENT (BBA)

MAJOR - 24 UNITS

1. SELECT 9-12 UNITS FROM: MANGEMNT 366, MANGEMNT 369, MANGEMNT 410 AND MANGEMNT 419
2. GENERAL MANAGEMENT ELECTIVES SELECT 3-6 UNITS FROM:
MANGEMNT 310, MANGEMNT 386, MANGEMNT 471, MANGEMNT 485, MANGEMNT 486, MANGEMNT 488, MANGEMNT 493, MANGEMNT 496 AND MANGEMNT 498.
3. IDENTIFY THROUGH A WRITTEN PROPOSAL AT LEAST 9 UNITS AT 300 OR 400 LEVEL IN CONSULTATION WITH A GENERAL MANAGEMENT ADVISER. THE COURSES MUST CONSTITUTE A LOGICAL AND COHERENT PROGRAM WITHIN THE GENERAL MANAGEMENT CONTEXT. COURSES MAY INCLUDE ANY COURSE NOT TAKEN UNDER NUMBER 1 OR 2 ABOVE.

HUMAN RESOURCE MANAGEMENT (BBA)

MAJOR - 24 UNITS

1. MANGEMNT 320 OR POLISCI 421, MANGEMNT 425, MANGEMNT 426, MANGEMNT 428, MANGEMNT 429, MANGEMNT 430, MANGEMNT 478
2. SELECT 3 UNITS FROM COURSES MANGEMNT 493, MANGEMNT 496, MANGEMNT 498, FNBSLW 443, AND SAFETY 380

OPERATIONS AND SUPPLY CHAIN MANAGEMENT (BBA)

MAJOR - 24 UNITS

1. MANGEMNT 445, MANGEMNT 450, MANGEMNT 455, MANGEMNT 456, ITBE 380
2. SELECT 9 UNITS FROM COURSES
MANGEMNT 460, MANGEMNT 462, MANGEMNT 465, MANGEMNT 466, MANGEMNT 486, MANGEMNT 493, MARKETNG 442, ECON 438

UNIQUE REQUIREMENTS:

1. MATH 243 OR MATH 250 OR MATH 253

OM: PROJECT MANAGEMENT EMPHASIS (BBA)

MAJOR - 24 UNITS

BUSINESS AND ECONOMICS

1. MANGEMNT 445, MANGEMNT 450, MANGEMNT 455, MANGEMNT 456, MANGEMNT 460
2. SELECT 9 UNITS FROM COURSES:
ITBE 480 OR MCS 214, MCS 220, MCS 314, ITBE 385, MANGEMNT 471, MANGEMNT 486, MANGEMNT 493

UNIQUE REQUIREMENTS

1. MATH 243 OR MATH 250 OR MATH 253

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 UNITS

1. ACCOUNT 244, ECON 202, POLISCI 141, PSYCH 211
2. MATH 231 OR PSYCH 215
3. MANGEMNT 301, ITBE 280, POLISCI 344, POLISCI 320 AND POLISCI 330
4. ITBE 353, ENGLISH 370 OR ENGLISH 372
5. SELECT 3 - 9 UNITS FROM COURSE POLISCI 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 0-6 UNITS OF ELECTIVES IN LIBERAL ARTS OR BUSINESS COURSES
7. IN CONSULTATION WITH AN ADVISER
SELECT A 15 UNIT CONCENTRATION FROM
PUBLIC POLICY, GENERAL MANAGEMENT, PERSONNEL, POLICE AND CRIMINAL JUSTICE ADMINISTRATION, PLANNING AND BUDGET ADMINISTRATION, URBAN AFFAIRS, AND LEGAL AFFAIRS; OR AN INDIVIDUALIZED PLAN.

WRITING REQUIREMENT - 3 UNITS

1. SELECT 1 COURSE FROM
ITBE 353, ENGLISH 370, OR ENGLISH 372

*General Studies Recommendations: POLISCI 141 American Government and Politics, ECON 211 Economic Principles, MATH 143 Finite Math for Business and Social Sciences or MATH 152 Elementary Functions.

Overall G.P.A. of 2.25 or higher is required to take POLISCI 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.

MINORS

MANAGEMENT GENERAL

MINOR - 21 UNITS

1. MANGEMNT 301, MANGEMNT 369 AND MANGEMNT 419
2. SELECT 6 - 12 UNITS FROM COURSES
MANGEMNT 310, MANGEMNT 366, MANGEMNT 410,
MANGEMNT 486, MANGEMNT 488, MANGEMNT 493,
MANGEMNT 496
3. SELECT 0 - 6 UNITS FROM COURSES
MANGEMNT 306, MANGEMNT 320, ITBE 480,
PSYCH 355, SOCIOLOGY 380, POLISCI 320, COMM 327,
COMM 427, COMM 429
4. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF
3 UNITS IN SPECIAL OR INDEPENDENT STUDY, COR-
RESPONDENCE & INTERNSHIPS WILL BE ALLOWED

MINOR - RECOMMENDATION

1. ECON 245 BUSINESS STATISTICS AND MATH 143 FINITE
MATH FOR BUSINESS AND SOCIAL SCIENCES ARE
HIGHLY RECOMMENDED.

ENTREPRENEURSHIP

MINOR - 24 UNITS

1. BEINDP 201
2. MARKETNG 311
3. MARKETNG 429
4. FNBSLW 301
5. BEINDP 321
6. MANGEMNT 386
7. SELECT 6 UNITS FROM ANY 300- OR 400- LEVEL COLLEGE
OF BUSINESS AND ECONOMICS COURSES

HUMAN RESOURCE MANAGEMENT

MINOR - 21 UNITS

1. MANGEMNT 320 OR POLISCI 421, MANGEMNT 425,
MANGEMNT 426, MANGEMNT 428, MANGEMNT 429,
MANGEMNT 430
2. SELECT 3 UNITS FROM COURSES
MANGEMNT 478, (MANGEMNT 493 OR MANGEMNT
498), FNBSLW 443, SAFETY 380

OPERATIONS AND SUPPLY CHAIN MANAGEMENT

MINOR - 21 UNITS

1. MANGEMNT 301 AND MANGEMNT 306
2. SELECT 15 UNITS FROM COURSES
MANGEMNT 445, MANGEMNT 450, MANGEMNT 455,
MANGEMNT 456, MANGEMNT 460, MANGEMNT 465,
MANGEMNT 466, MANGEMNT 471
3. A MAXIMUM OF 2 TRANSFER COURSES AND A MAXIMUM
OF 3 UNITS IN SPECIAL OR INDEPENDENT STUDY, CORRE-
SPONDENCE AND INTERNSHIPS WILL BE ALLOWED.

UNIQUE REQUIREMENT - 12 UNITS

1. ECON 245, MANGEMNT 211 AND MATH 143 RLS
2. MATH 243 RLS

COURSE DESCRIPTIONS

Field trips may be required for any of the courses.

MANGEMNT 301 ORGANIZATIONAL BEHAVIOR 3 u

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

MANGEMNT 306 OPERATIONS MANAGEMENT 3 u

The study of contemporary theory, methods and procedures used to manage the production/operations (P/OM) function in service and manufacturing organizations. Included is a thorough overview of the qualitative and quantitative methods used by managers in making the decisions needed to effectively and efficiently transform resource inputs into goods and services.

Prereq: MATH 143 or MATH 243 or MATH 250 or MATH 253 and (MATH 231 or ECON 245)

MANGEMNT 310 ORGANIZATION AND MANAGEMENT 3 u

A study of the theory and art of management from a decision-making perspective within the context of formal organization. Traces the development of management thought and practice since the Industrial Revolution, including the managerial functions of planning, organizing and controlling. Includes a discussion of managerially relevant behavioral topics including motivation, group process, leadership and communication. Recommended for students who aspire to managerial careers, both majors and non-majors.

MANGEMNT 320 HUMAN RESOURCE MANAGEMENT 3 u

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: POLISCI 421.

MANGEMNT 366 SOCIAL RESPONSIBILITY 3 u

This course will provide students with an understanding of the relationship of organizations with their stakeholders (e.g., customers, employees, society, etc.) and provide both an exposure to and an understanding of both ethical and unethical behavior. By investigating organizations and their linkages with various environmental entities, students will have a better appreciation of what produces socially responsible behavior so as to expedite socially responsible actions and prevent irresponsible ones.

Prereq: Admission to the College of Business and Economics

MANGEMNT 369 LEADERSHIP IN MANAGEMENT 3 u

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: MANGEMNT 301 or consent of instructor.

MANGEMNT 386 ENTREPRENEURSHIP: BUSINESS FEASIBILITY 3 u

This course concentrates on identifying and evaluating opportunities that may become the foundation for a new business or non-profit entity. Identification focuses on exploring demographic and societal trends, consumer and industrial needs, technological and knowledge changes. Evaluation involves customer and industry market assessments, potential for intellectual property protection and financial feasibility. Additional consideration will be given to development and resource options.

Prereq: ACCOUNT 244; May not be taken for credit by Entrepreneurship majors.

MANGEMNT 410 INTERNATIONAL MANAGEMENT 3 u

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: MANGEMNT 301 or equivalent.

MANGEMNT 419 ORGANIZATIONAL THEORY AND EFFECTIVENESS 3 u

An analysis of organization theory. A study of classical and modern organization theory. Relationships among theory, design and behavior variables and organizational effectiveness are examined.

Prereq: MANGEMNT 301.

MANGEMNT 425 COMPENSATION MANAGEMENT 3 u
A detailed study of job analysis, methods of job evaluation, performance appraisal, community wage survey, and basic systems and plans of compensating employees.
Prereq: MANGEMNT 320 (or 820-421 for PPA majors).

MANGEMNT 426 STAFFING 3 u
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: MANGEMNT 320 (or POLISCI 421 for PPA majors).

MANGEMNT 428 TRAINING AND DEVELOPMENT 3 u
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: MANGEMNT 320 or POLISCI 421, or senior standing

MANGEMNT 429 EMPLOYEE BENEFITS 3 u
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: MANGEMNT 320 or POLISCI 421.

MANGEMNT 430 LABOR-MANAGEMENT RELATIONS 3 u
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.

MANGEMNT 445 QUALITY MANAGEMENT 3 u
A comprehensive study of contemporary perspectives on Total Quality (TQ) theory and practice applied to operations systems. Includes a thorough discussion of statistical and quality methods including process control, acceptance sampling, and variance reduction. Explores Quality Function Deployment and the customer-focused implications of quality.
Prereq: MANGEMNT 306.

MANGEMNT 450 OPERATIONS PLANNING 3 u
Study in depth of the planning processes performed in the operations setting integrating the topics of systems modeling, forecasting, production planning, capacity planning, capacity requirements planning, master scheduling, and material requirements planning. Emphasis is on concepts and their application.
Prereq: MANGEMNT 306.

MANGEMNT 455 INTEGRATION OF OPERATIONS 3 u
Examination in depth of daily operational decision making pertaining to management of operational systems and inventory, inventory models and systems, inventory control, distribution planning and control, scheduling techniques, production authorization, lead time management, supplier interfaces, data requirements and measurement systems. Emphasis is on the interrelationships of these techniques and their applications.
Prereq: MANGEMNT 306.

MANGEMNT 456 SUPPLY CHAIN MANAGEMENT AND INTERNATIONAL SOURCING 3 u
The course uses a supply chain management framework to study flow of material through global enterprises. Topics include international facility location, global configuration, theory of constraints, international transportation networks, just-in-time systems, supplier management, negotiations for purchasing, sourcing decisions, supplier certification, and bullwhip effect.
Prereq: MANGEMNT 306.

MANGEMNT 460 PROJECT MANAGEMENT AND ENTERPRISE RESOURCE PLANNING 3 u
Examines the role of Computer Integration of Operations. Topics may include Enterprise Resource Planning (ERP), Computer Aided Design/Manufacturing (CAD/CAM) and project management methodology. Students will be exposed to operational decision support systems through the use of macros and visual basic. This course may require visiting/working with local firms in setting up such systems.
Prereq: MANGEMNT 306.

MANGEMNT 462 PURCHASING MANAGEMENT 3 u
This course provides an understanding of the business role of purchasing and procurement in relation to both operational and strategic organizational goals. Students will be able to identify alternative terms and conditions of sale, source suppliers and build supplier relationships. In addition, exposure to the bidding and auction process, negotiating with suppliers and total cost of ownership will be provided.
Prereq: MANGEMNT 306

MANGEMNT 465 GLOBAL OPERATIONS STRATEGY 3 u
A study of the integration of operations planning, management, and control to create effective operations strategy within a global perspective. Includes a thorough examination of capacity and supply chain management. Also examines the theory of constraints as used to develop strategic competitive advantage.
Coreq: MANGEMNT 450 or MANGEMNT 455 or MANGEMNT 456.

MANGEMNT 466 MANAGEMENT OF SERVICE OPERATIONS 3 u
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: MANGEMNT 306.

MANGEMNT 471 MANAGEMENT DECISION ANALYSIS 3 u
Theory and application of quantitative analytic methods used in operations decision situations. Topics include model building, decision theory, deterministic and probabilistic problems, linear programming, PERT/CPM and simulation.
Prereq: ECON 245 or equiv.

MANGEMNT 478 SEMINAR IN HUMAN RESOURCES 3 u
A capstone course for students in Human Resource 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: MANGEMNT 320 (or POLISCI 421 for Public Policy majors), Human Resource major or minor, and at least 6 units from the following: MANGEMNT 425, MANGEMNT 426, MANGEMNT 428, MANGEMNT 429, MANGEMNT 430

MANGEMNT 485 CONSULTING FOR ENTREPRENEURIAL COMPANIES 3 u
The Consulting course exposes students to some of the opportunities and challenges inherent in a career in consulting with small, growth-oriented companies. Students also develop an appreciation of both problems and opportunities faced by entrepreneurs through participating in "hands-on" learning experiences by conducting field case studies and providing consulting services that may involve marketing, management, IT and/or finance.
Prereq: MARKETNG 311 or FNBSLW 344 and consent of SBI Coordinator.

MANGEMNT 486 SUPERVISORY MANAGEMENT 3 u
A study of the theories and techniques of general management, organizational behavior, and human relations involved in effective supervisory management. The supervisor's role and the supervisor-subordinate relationship will be analyzed. The skills required for successful supervision will be practiced through small group work, role play and other activities.
Prereq: MANGEMNT 301 and 85 units.

MANGEMNT 487 ENTREPRENEURSHIP: NEW VENTURES 3 u

This course concentrates on how new businesses are started and includes new business start-ups, buyouts and franchising. Objectives are understanding entrepreneurs, and seeking and evaluating opportunities for new ventures. This course assesses the development of ideas that might become business opportunities and examines the merit of those ideas in the marketplace. The writing of business plans and the acquisition of resources to turn opportunities into businesses are also examined.

Prereq: Senior Standing

MANGEMNT 489 ADMINISTRATIVE POLICY 3 u

This course emphasizes management issues and practices from a top management perspective. Students learn theories and skills relevant to the strategic management of organizations, including the ability to assess the external and internal environments of the organization, strategy formulation and implementation.

Prereq: Sr st and completion of the other College of Business and Economics required core courses, (i.e. ITBE 353, FNBSLW 341, FNBSLW 344, MANGEMNT 301, MANGEMNT 306, MARKETNG 311) except Career Information.

MANGEMNT 490 WORKSHOP 1-3 u**MANGEMNT 491 TRAVEL STUDY 1-3 u**

Repeatable for a maximum of 5 units in major/degree.

MANGEMNT 493 COOPERATIVE/INTERNSHIP IN MANAGEMENT 2-3 u

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 units will apply toward graduation. Repeatable for a maximum of 5 units in major/degree.

Prereq: Junior standing and consent of department chairperson.

MANGEMNT 496/696 SPECIAL STUDIES 1-3 u

Repeatable for a maximum of 6 units in major/degree. Prereq: Consent of instructor.

MANGEMNT 497 EXCHANGE STUDY *Repeatable* 1-12 u**MANGEMNT 498 INDEPENDENT STUDIES 1-3 u**

Junior or senior standing and consent of instructor and department chairperson. Repeatable for a maximum of 3 units in major/degree.

PROGRAM OF MANAGEMENT COMPUTER SYSTEMS

Phone: 262-472-1467 E-Mail: mcs@uwm.edu

Faculty: Paul Ambrose, Choton Basu, Athula Gunawardena, Robert Horton, Jonathan Kane, Robert Leitheiser, David Munro, Hien Nguyen, George Sargent, Zhengnan Shi, Robert Siemann.

The Management Computer Systems (MCS) major is an interdisciplinary program combining faculty from the Information Technology & Business Education Department in the College of Business and Economics with their colleagues from the Department of Mathematical and Computer Sciences 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 and software design with a strong background in business. Typical entry level positions include programmer, programmer/analyst, systems analyst and consultant. 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**MANAGEMENT COMPUTER SYSTEMS (BBA)**

MAJOR - 27 UNITS

- MCS 214, MCS 220, MCS 231, MCS 314, MCS 325, MCS 331, MCS 425 AND MCS 431
(NOTE: COMPSCI 181 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 214 AND COMPSCI 172 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 220).
- SELECT 3 UNITS FROM COURSES
COMPSCI 271, COMPSCI 302, COMPSCI 322, COMPSCI 370, COMPSCI 382, COMPSCI 412, COMPSCI 433, COMPSCI 434, COMPSCI 481, COMPSCI 482, MATH 471, ITBE 380, ITBE 385, MCS 232, MCS 391, MCS 475, MCS 485, MCS 496 AND MCS 498, MANGEMNT 460

UNIQUE REQUIREMENT

CALCULUS - 3-5 UNITS

- SELECT 1 COURSE
MATH 243, MATH 250, MATH 253

Transfer grades are included in determining eligibility for MCS courses.

MANAGEMENT COMPUTER SYSTEMS (BS)

MAJOR - 42 UNITS

- ACCOUNT 244, ACCOUNT 249, MCS 214, MCS 220 AND MCS 231 (NOTE: COMPSCI 181 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 214 AND COMPSCI 172 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 220)
- MCS 314, MCS 325, MCS 331, MCS 425 AND MCS 431
- SELECT 9 UNITS FROM COURSES:
ECON 354, FNBSLW 341, FNBSLW 344, MANGEMNT 301, MANGEMNT 306, MANGEMNT 310 OR MARKETNG 311
- SELECT 3 UNITS FROM COURSES
COMPSCI 271, COMPSCI 302, COMPSCI 322, COMPSCI 332, COMPSCI 382, COMPSCI 412, COMPSCI 433, COMPSCI 434, COMPSCI 481, COMPSCI 482, MATH 471, ITBE 380, ITBE 385, MCS 232, MCS 391, MCS 475, MCS 485, MCS 496 AND MCS 498, MANGEMNT 460

UNIQUE REQUIREMENTS - 6 UNITS

CALCULUS

- SELECT 1 COURSE: MATH 243, MATH 250, MATH 253

STATISTICS

- SELECT 1 COURSE: MATH 231, MATH 342, OR ECON 245
- AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Transfer grades are included in determining eligibility for MCS courses. A minimum combined transfer and UW-Whitewater GPA of 2.5 overall and in the major is required for graduation.

COURSE DESCRIPTIONS**MCS 214 INFORMATION TECHNOLOGY CONCEPTS AND PRACTICE 3 u**

A survey course that covers the use of information technology in organizations, the processes used to create and manage information technologies, and the impact of information technology on individuals, organizations, the economy and society. Students learn how to do systems

analysis, data modeling, system and database design, database queries, and construction and testing of a database application as part of a systems development life cycle.

Prereq: COMPSCI 181 or ITBE 280 and a combined cumulative gpa of 2.50

MCS 220 CONCEPTS OF PROGRAMMING 3 u

This course teaches students professional software development using object-oriented program design and the Java programming language. Coverage includes correct business programming style and documentation, program debugging and testing, database and file processing, event-handling, and graphical user interfaces.

Prereq: COMPSCI 172 or COMPSCI 174 and a combined cumulative gpa of 2.50. Unreq: COMPSCI 222

MCS 231 CONCEPTS OF DATA STRUCTURES 3 u

This course is an introduction to data structures using the Java programming language. It covers static and dynamic implementations of data structures including lists, stacks, queues and trees. It emphasizes object-oriented design and programming methodology, including inheritance and polymorphism, and applies these in the development of large programming projects.

Prereq: MCS 220 or COMPSCI 222 and a combined cumulative gpa of 2.50. Unreq: COMPSCI 223

MCS 232 COBOL AND COMPLEX SYSTEMS 3 u

The course emphasizes how a complex system can be designed and implemented in terms of multiple independent layers. Topics include the fundamentals of COBOL and its integration with client/server and Web systems.

Prereq: MCS 220 or COMPSCI 222 and a combined cumulative gpa of 2.50.

MCS 314 ADVANCED DATABASE DESIGN AND ADMINISTRATION 3 u

This course covers advanced topics in database analysis, design, access, integrity control, and implementation as well as a variety of emerging topics. The course is intended for students who already have a good understanding of database systems and relational database concepts. Students should have proficiency in using the SQL language.

Prereq: COMPSCI 181 or ITBE 280 and a combined cumulative gpa of 2.50

MCS 325 WEB DEVELOPMENT I 3 u

This course will give students familiarity with client/server computing in a two/three-tiered Internet environment. This includes the development of dynamic web pages to exchange data with relational database management systems using scripting technologies. Students will use an event-driven, object-oriented programming language to construct ActiveX components that connect with database servers. The course will also explore basic networking concepts.

Prereq: COMPSCI 172 and either COMPSCI 181 or ITBE 285 and a combined cumulative gpa of 2.50.

MCS 331 SYSTEMS ANALYSIS AND DESIGN I 3 u

In this course, the student learns to analyze the business organization as a system, to structure both the information and processes of a business or organization, and to complete the systems development process through the logical design phase. The course utilizes an object-oriented methodology for the systems development process. The student begins a team project that is completed in MCS 431.

Prereq: MCS 214 and a combined cumulative gpa of 2.50.

MCS 391 MCS COOPERATIVE PROGRAM 3 u

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 a combined cumulative gpa of 2.50.

MCS 425 WEB DEVELOPMENT 2 3 u

This course teaches students how to develop Web applications using Java technologies. The course focuses on design and implementation of distributed applications for the Internet and/or intranets. Topics include object-oriented distributed systems and technologies, database access, security, advanced Java programming, and technical design issues for e-Commerce systems.

Prereq: MCS 220 or COMPSCI 222, MCS 325, MCS 314 and a combined cumulative gpa of 2.50.

MCS 431 SYSTEMS ANALYSIS AND DESIGN 2 3 u

This course is a study of the principles and activities associated with the physical design and implementation of computer based information systems using object oriented methodologies. It includes object-oriented decomposition, system testing, documentation, system security, conversion and implementation. The student completes the team project started in MCS 331.

Coreq: MCS 425; Prereq: MCS 314, MCS 331, MCS 231 or COMPSCI 223 and a combined cumulative gpa of 2.50.

MCS 475 NETWORK ENGINEERING 3 u

This class will explore the OSI (Open Systems Interconnection) networking model, standard networking protocols, and network architecture including implementation, administration and maintenance. Students will also gain "hands-on" networking experience by installing and setting up a network operating system, building a small LAN, and managing network servers.

Prereq: MCS 325, MCS 231 or COMPSCI 223 and a combined cumulative gpa of 2.50. Unreq: COMPSCI 475.

MCS 485 PROJECT 1-3 u

This course provides students with the opportunity to participate on a student project team under the management of a faculty member and industry practitioners. The project will be sponsored by a partnering business firm and may involve a wide array of technologies, functional areas and geographically dispersed teammates. This course will only be offered when projects are available. Students will be carefully chosen through an interview process. The number of credits will be determined by the complexity of the project and the level of student involvement.

Prereq: Consent of department and a combined cumulative gpa of 2.50

MCS 496 SPECIAL STUDIES 3 u

Repeatable for a maximum of 9 units in major/degree. Prereq: Consent of instructor and a combined cumulative gpa of 2.50.

MCS 497 EXCHANGE STUDY *Repeatable* 1-12 u

MCS 498 INDEPENDENT STUDIES 1-3 u

Repeatable. Prereq: Approval of the MCS Coordinator and the faculty member supervising the course. Completion of at least four MCS core courses and a combined cumulative gpa of 2.50.

DEPARTMENT OF MARKETING

Phone: 262-472-1333

E-Mail: marketing@unm.edu

Faculty: Pavan Chennamaneni, Amanda Helm, Maxwell Hsu, Dennis Kopf, Marilyn Lavin, Sharon Roy, James Peltier, Renee Pfeifer-Luckett, Carol Scovotti (Chairperson), Lois Smith, Yushan Zhao.

Marketing involves business activities so that production and the exchange of goods and services maximize consumer satisfactions and producer profits. Marketing studies the behavior of people in their search for products and services to satisfy their needs and then develops and provides the consumer with need-satisfying opportunities consistent with the goals of society. Marketing functions include choosing customer groups, developing products, distributing them, creating advertising and promotions, and determining the proper price. Marketing via the Internet and other interactive media includes all of these components.

MAJOR**MARKETING (BBA)****MAJOR - 24 UNITS**

1. MARKETNG 321
2. MARKETNG 479
3. SELECT 18 UNITS FROM COURSES
MARKETNG 337, MARKETNG 350, MARKETNG 351, MARKETNG 360, MARKETNG 361, MARKETNG 400, MARKETNG 412, MARKETNG 420, MARKETNG 429, MARKETNG 430, MARKETNG 431, MARKETNG 432, MARKETNG 442, MARKETNG 444, MARKETNG 445, MARKETNG 493, MARKETNG 493D, MARKETNG 493E, MARKETNG 493I, MARKETNG 493S, MARKETNG 494, MARKETNG 496, MARKETNG 497 OR MARKETNG 498

Note: A maximum of 3 units from available Marketing 493 courses count towards the completion of the Marketing major.

Recommended Marketing electives for various major marketing career areas:

Industrial Marketing (Sales): 350, 360, 400, 412, 429, 430, 442, 493S.

Retailing: 337, 350, 351, 400, 420, 430, 429, 442, 432, 445.

Advertising: 337, 350, 351, 400, 412, 420, 429, 430, 444, 445, 493I.

Consumer Marketing (Sales): 337, 350, 351, 360, 361, 400, 420, 429, 430, 432, 442, 444, 445, 493S.

Market Research: 321, 337, 350, 351, 361, 400, 412, 420, 429, 442, 445.

International Marketing: 337, 350, 361, 400, 412, 429, 442, 497.

MARKETING - DIRECT AND INTERNET MARKETING EMPHASIS (BBA)**MAJOR - 24 UNITS**

1. MARKETNG 321 AND MARKETNG 479
2. MARKETNG 351, MARKETNG 444 AND MARKETNG 445
3. SELECT 9 UNITS FROM COURSES:
MARKETNG 337, MARKETNG 350, MARKETNG 360, MARKETNG 361, MARKETNG 400, MARKETNG 412, MARKETNG 420, MARKETNG 429, MARKETNG 430, MARKETNG 431, MARKETNG 432, MARKETNG 442, MARKETNG 493, MARKETNG 493D, MARKETNG 493E, MARKETNG 493I, MARKETNG 493S, MARKETNG 497 OR MARKETNG 498

Note: A maximum of 3 units from available Marketing 493 courses count towards the completion of the Marketing major.

MARKETING - PROFESSIONAL SALES EMPHASIS (BBA)**MAJOR - 24 UNITS**

1. MARKETNG 321 AND MARKETNG 479
2. MARKETNG 429, MARKETNG 430, MARKETNG 431 AND MARKETNG 412
3. SELECT 6 UNITS FROM COURSES: MARKETNG 337, MARKETNG 350, MARKETNG 351, MARKETNG 360, MARKETNG 361, MARKETNG 400, MARKETNG 420, MARKETNG 432, MARKETNG 442, MARKETNG 444, MARKETNG 445, MARKETNG 493, MARKETNG 493S, MARKETNG 497 OR MARKETNG 498

MINOR**MARKETING****MINOR - 21 UNITS**

1. MARKETNG 311
2. SELECT 18 UNITS FROM THE FOLLOWING COURSES WITH AT LEAST 12 UNITS FROM MARKETING:
MARKETNG 321, MARKETNG 351, MARKETNG 360, MARKETNG 400, MARKETNG 412, MARKETNG 432, MARKETNG 442, MARKETNG 444, MARKETNG 445, MARKETNG 479, MARKETNG 493, MARKETNG 493D, MARKETNG 493E, MARKETNG 493I, MARKETNG 493S, JOURNLISM 321, MARKETNG 337, MARKETNG 361 OR ECON 431, MARKETNG 420 OR PSYCH 355, MARKETNG 429, MARKETNG 430, MARKETNG 431, MARKETNG 350 OR JOURNLISM 320, MARKETNG 497, ARTSTUDIO 382 OR ARTSTUDIO 383
3. A MAXIMUM OF 2 TRANSFER COURSES & A MAXIMUM OF 3 UNITS IN SPECIAL OR INDEPENDENT STUDY & CORRESPONDENCE WILL BE ALLOWED
4. A MAXIMUM OF 3 UNITS FROM AVAILABLE MARKETING 493 COURSES COUNT TOWARDS THE COMPLETION OF THE MARKETING MINOR

MARKETING WITH PROFESSIONAL SALES**MINOR - 21 UNITS**

1. MARKETNG 311
2. REQUIRED COURSE (12 UNITS)
MARKETNG 429, MARKETNG 430, MARKETNG 431 AND MARKETNG 412
3. SELECT SIX UNITS FROM COURSES:
MARKETNG 337, MARKETNG 360, MARKETNG 420, MARKETNG 432, MARKETNG 442, MARKETNG 445, MARKETNG 493, MARKETNG 493S, MARKETNG 497 OR MARKETNG 498

INTEGRATED MARKETING COMMUNICATION**MINOR - 21 UNITS**

1. MARKETNG 311
2. REQUIRED COURSES (12 UNITS): MARKETNG 429, MARKETNG 350, MARKETNG 351, MARKETNG 444
3. SELECT SIX UNITS FROM COURSES BELOW:
MARKETNG 321, MARKETNG 337, MARKETNG 420, MARKETNG 430, MARKETNG 432, MARKETNG 360, MARKETNG 444, MARKETNG 445, MARKETNG 493I, MARKETNG 498, COMM 202, COMM 203, JOURNLISM 220

COURSE DESCRIPTIONS

MARKETNG 311 PRINCIPLES OF MARKETING 3 u
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.

MARKETNG 321 MARKETING RESEARCH 3 u
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: MARKETNG 311 and ECON 245.

MARKETNG 337 RETAIL MANAGEMENT**3 u**

This class addresses the particular issues related to marketing to ultimate consumers. Particular attention is given to the role of retailing in the economy, retail mathematics, merchandising, technology, and global expansion.

Prereq: MARKETNG 311.

MARKETNG 350 INTEGRATED MARKETING COMMUNICATIONS**3 u**

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: MARKETNG 311.

MARKETNG 351 INTERNET MARKETING**3 u**

This class is designed to provide marketing majors and minors with basic knowledge of the Internet so that they can understand why this technology has and will continue to exert such an important impact on marketing practice. It will also consider such topics as web demographics, the online business model, web enhancement of products and services, personalization, traffic and brand building, net exchanges, and online community. In addition, the class will explore the impact that the Internet is having on such traditional areas of marketing concern as research, new product development, segmentation, personal selling, pricing, and distribution.

Prereq: MARKETNG 311

MARKETNG 360 ENTREPRENEURIAL MARKETING**3 u**

The course focuses on key marketing strategies relevant for new businesses and/or new product launches. Students will apply marketing concepts to the wide range of business challenges facing entrepreneurs. Through experiential learning opportunities, students will apply what they learned for developing comprehensive entrepreneurial marketing plans.

Prereq: MARKETNG 311

MARKETNG 361 INTERNATIONAL MARKETING**3 u**

The course provides a critical assessment of global market opportunities and of the tactics and strategies for marketing of goods and services across national boundaries. Covered in the course are global marketing environment, modes of market entry, and of managing marketing mix variables in a foreign setting.

Prereq: MARKETNG 311.

MARKETNG 400 INNOVATION AND TECHNOLOGY MARKETING**3 u**

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: MARKETNG 311

MARKETNG 412 BUSINESS TO BUSINESS MARKETING**3 u**

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: MARKETNG 311.

MARKETNG 420 CONSUMER BEHAVIOR**3 u**

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: MARKETNG 311.

MARKETNG 429 PRINCIPLES OF SELLING**3 u**

A seminar in the art and science of selling. Examined and probed in depth will be the whys and hows of selling theories, principles, techniques, practices,

and the basics of sales force management.

Prereq: MARKETNG 311 or for Speech Electronic Media Emphasis Majors only SPEECH 232.

MARKETNG 430 ENTREPRENEURIAL AND ADVANCED SALES TECHNIQUES**3 u**

Selling is a critical criterion for successful enterprises. This course provides advanced hands-on and practical approaches for selling new products/services, obtaining new customers, launching new enterprises, or for creating relationships in other entrepreneurial selling scenarios. Through video and other technologies, students will present interactive solutions for developing strong customer relationships.

Prereq: MARKETNG 311, MARKETNG 429

MARKETNG 431 SALES MANAGEMENT**3u**

This course examines sales management from a motivational and an institutional perspective. The goal of the course is to examine the elements of operating an effective sales force as the key component to organizational success. Topics include sales force structure, use of technology and issues in compensating and retaining salespeople.

Prereq: MARKETNG 311

MARKETNG 432 MARKETING IN SERVICE ORGANIZATIONS**3 u**

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: MARKETNG 311.

MARKETNG 442 LOGISTICS**3 u**

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: MARKETNG 311

MARKETNG 444 DIRECT AND MULTICHANNEL MARKETING**3 u**

The interactive nature of direct marketing initiatives that use one or more media to generate a traceable and measurable response from the target audience is emphasized. The course includes grounding in all major direct marketing media. The measurability and accountability of direct marketing and its relationship to the total marketing mix are stressed.

Prereq: MARKETNG 311

MARKETNG 445 CUSTOMER RELATIONSHIP MANAGEMENT**3 u**

Advancing technology is enabling marketers to create individualized customer relationships in situations where previously such relationships were not possible. This course is designed to increase students' understanding of how technology, specifically the customer database, is used to design and implement marketing strategies. Special attention will be devoted to studying the types of information needed in a customer database and how this information can be integrated into the marketing decision making process.

Prereq: MARKETNG 311

MARKETNG 479 MARKETING MANAGEMENT AND POLICIES**3 u**

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: MARKETNG 311 and MARKETNG 321 and senior standing.

MARKETNG 493 INTERNSHIPS IN MARKETING**1-3 u**

A marketing internship consists of a structured-supervised work experience within a major area of marketing concentration within the department. The internship experience offers students opportunities to apply classroom

learning to the needs of the sponsoring internship company and to acquire some new skill sets during this process. Internships consist of 15-20 hours of work/week during the semester. A minimum of 150 hours work is required for a 3 credit internship. Only one MARKETNG 493 course allowed to count towards major or minor.

Prereq: Junior or senior standing and consent of instructor

MARKETNG 493D INTERNSHIP IN MARKETING - 3 u
DIRECT AND INTERACTIVE EMPHASIS

Structured-supervised work experience for students interested in a Direct and Interactive Emphasis. Internship experiences offer students an opportunity to merge course work with day-to-day activities in business. Not more than 3 internship credits will apply towards major or minor.

Prereq: MARKETNG 311

MARKETNG 493E INTERNSHIP IN MARKETING - 3 u
ENTREPRENEURIAL MARKETING EMPHASIS

Structured-supervised work experience for students interested in an Entrepreneurial Marketing Emphasis. The internship experience offers the student an opportunity to merge course work with day-to-day activities in business. Not more than 3 internship credits will apply towards major or minor.

Prereq: MARKETNG 311

MARKETNG 493I INTERNSHIP IN MARKETING - 3 u
IMC EMPHASIS

Structured-supervised work experience for students interested in an Integrated Marketing Communication Emphasis. Internships offer students an opportunity to merge course work with day-to-day activities in business. Not more than 3 internship credits will apply towards major or minor.

Prereq: MARKETNG 311

MARKETNG 493S INTERNSHIP IN MARKETING - 3 u
SALES EMPHASIS

This course is a structured-supervised work experience within the sales function. The internship experience offers the student an opportunity to merge course work with day-to-day activities in business. Not more than 3 internship credits will apply towards major or minor.

Prereq: MARKETNG 311

MARKETNG 494 MARKETING SEMINAR 3 u

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.

MARKETNG 496 SPECIAL STUDIES *Repeatable* 1-3 u

MARKETNG 497 EXCHANGE STUDY *Repeatable* 1-12 u

MARKETNG 498 INDEPENDENT STUDY IN 1-3 u
MARKETING

Prereq: Senior standing and consent of department chairperson.

COLLEGE OF EDUCATION AND
PROFESSIONAL STUDIES

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

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 Marie Benson, Director of the Office of Field Experiences
 Jillian Smith, Licensure Officer

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 Counselor Education
 Donald Norman
 Curriculum and Instruction
 Robin Fox
 Educational Foundations
 Anne Durst
 Health, Physical Education, Recreation and Coaching
 Steven J Albrechtsen
 Leadership, Military Science and Aerospace Studies
 LTC Brian Wolhaupter
 LTC Todd D. Berge
 Occupational and Environmental Safety and Health
 Alvaro Taveira
 Special Education
 Diana Rogers-Adkinson

HISTORY AND MISSION OF THE COLLEGE

The preparation of teachers has been a major part of the mission of this University since its inception on April 21, 1868, as a normal school, and through its subsequent evolution as a teachers college, a state college and a comprehensive state university. For more than a century UW-Whitewater has offered programs leading to the licensure of teachers. The College of Education and Professional Studies 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 and Professional Studies prepare for professional careers in teaching; safety; communicative disorders; leadership, military science and aerospace studies; and health, physical education, recreation, and coaching.

The Elementary Education program includes dual early childhood education (EC): regular and special education (ages birth-8 years), elementary/middle education (MC-EA). The Middle/Secondary Education (EA-A or ages 12-21 years) program includes majors in art, biology, chemistry, economics, English, geography, history, journalism, mathematics, physics, political science, sociology, and in the broadfield area of social studies. The early childhood/secondary (EC-A or ages birth-21 years) program includes art, business education, French, German, marketing education, music education, physical education, science, Spanish and theatre.

Minors are offered in the areas of art, Bilingual/Bicultural, biology, chemistry, coaching, communicative disorders, computer science, economics, environmental management and occupational safety, ESL, 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 theatre. Not all of the above minors lead to licensure. Contact the department for specific information.

Communication Sciences and Disorders offer pre-graduate training for licensure in Speech-Language Pathology and Audiology.

Special Education programs for students interested in working with persons with special needs include cognitive disabilities, emotional/behavioral disorders, learning disabilities, and early childhood: exceptional educational needs.

Occupational & Environmental Safety and Health offer programs in occupational safety, and driver education are also available with emphasis in construction safety, occupational ergonomics or environmental management.

The University of Wisconsin-Whitewater College of Education and Professional Studies Future Teacher Program (FTP), is a program to assist multicultural students and students interested in teaching in high need areas; Biology, Chemistry, Spanish, Math, Special Education, ESL/Bilingual/Bicultural, Library Media, and Early Childhood (males). Our goal is to increase the enrollment, retention and graduation rates of undergraduate students who major in education at UW-W. FTP provides a one-week summer program, allowing students the opportunity to engage in mentoring and involvement in important campus programs during the critical freshman and sophomore years. The long-term goal is to graduate more multicultural students and students interested in teaching in high need areas will become licensed teachers.

DEPARTMENTAL ORGANIZATIONS AND ACTIVITIES

HONORARY FRATERNITIES

Alpha Beta Alpha is a national fraternity for students in library science. Any student taking courses in library science who has earned an overall C average in classwork is eligible to become a member. Adviser: Anne Zarinnia.

Kappa Delta Pi is a national honorary education fraternity. It limits its membership to juniors and seniors in the College of Education who have demonstrated unusual scholastic proficiency and professional promise. Adviser: Shannon Stuart.

Phi Kappa Phi is a national honor society for the recognition and encouragement of superior scholarship in all academic disciplines. Undergraduate students are eligible for consideration who have senior status and are scholastically in the upper 10% (or less, if the chapter's constitution so provides) of their class; or who have reached the final period of their junior year and are scholastically in the upper 5% (or, again, less if the chapter's constitution so stipulates) of their class. President: Charles Cottle, Secretary/Treasurer: Roxanne DePaul.

STUDENT ORGANIZATIONS

Best Buddies is a university sponsored organization that organizes and creates one to one relationships with adults with intellectual disabilities in the community. Students participate in activities with their buddy once a month. Adviser:

The Caring and Resourceful Educators is the student branch of the Wisconsin Early Childhood Association and the National Association for the Education of Young Children. Membership is open to any student

interested in early childhood education. The group's primary concern is the welfare and education of children. Adviser: Robin Fox.

The Coaching, Health, Athletics, Recreation, and Physical Education (CHARPE) organization is open to all students enrolled in majors or minors in Health Physical Education, Recreation or Coaching. This club works to promote understanding of career opportunities and responsibilities, professional development outside of the classroom, and networking with professionals and peers. Guest speakers, attendance at professional meetings, and banquets are some of the various activities of this organization. Adviser: Cristy Jefson.

The Student Council for Exceptional Children is a pre-professional organization for students interested in expanding their knowledge about and experiences with individual with exceptionalities. Its primary purpose is to "present students with opportunities to improve educational professional standards and increase awareness of exceptional children and youth." Opportunities are available for volunteer experiences with various area service agencies/programs and residential facilities. Projects may include: visiting residential facilities, mentoring clients, planning seasonal parties for residents of community resident settings, provide respite care, and attending and participating in state and national professional organization conferences. Adviser: Katy Casey and Jessica Hasaman.

The National Student Speech Language Hearing Association (NSSLHA) is the national organization for Master's candidates and undergraduate students interested in the study of normal and disordered human communication behavior. NSSLHA is the only official national student association recognized by the American Speech-language-Hearing Association. NSSLHA membership is presently about 13,000 students with chapters in more than 280 colleges and universities. Adviser: Roxanne DePaul

The Student Wisconsin Education Association is a student organization for improving the quality of education. The purpose of the organization is to guide students who plan to teach and to provide supplemental education programs. This organization is a student chapter of NEA. Adviser: John Zbikowski.

ROTC Cadet Association is composed of students enrolled in the Army or Air Force ROTC program (Leadership, Military Science and Aerospace Studies) at Whitewater. The organization fosters military, social and other extracurricular activities within the ROTC student body. Adviser: Capt. Andrew Koshnik.

The Student Safety Organization represents ASSE (American Society of Safety Engineers). The purpose of the Association is to promote interest in and understanding of the role of safety in industry, government, schools, and wherever loss prevention is a concern. Representatives participate in departmental activities and decision-making and the Organization conducts a variety of programs for professional growth and development. The Organization not only serves its present membership, but seeks to maintain contact with graduates by inviting them to speak at Association meetings. Students interested in the Student Safety Association should contact the Occupational & Environmental Safety & Health Office in Room 3305, Hyland Hall. Adviser: Sang Choi.

Students for an Accessible Society fosters an awareness of the needs of disabled students on campus, joins disabled and nondisabled people as an organization to meet these needs, and fosters an atmosphere of mutual understanding and cooperation between the two parties. Adviser: Pam Turner.

ACADEMIC INFORMATION

PROFESSIONAL EDUCATION PROGRAMS LEADING TO TEACHER LICENSURE

The University offers more than seventy different licensure programs

including dual early childhood education (EC), elementary/middle education (MC-EA), middle/secondary education (EA-A), early childhood/secondary (EC-A) and special education (MC-EA and EA/A). See the index for majors in secondary education (including broadfield majors), programs in elementary education, and programs in special education. Satisfactory completion of these programs entitle the graduate to be licensed to teach in Wisconsin public schools as well as in schools in most other states. The Wisconsin teacher's license is issued by the Wisconsin Department of Public Instruction (DPI) only after receiving the endorsement of the Licensure Officer of the College of Education. During the semester before graduation, students print off a Wisconsin teaching license application from the DPI website at <http://dpi.wi.gov/tepd/tepd/applications.html>. Those students desiring a license from other states can also obtain addresses and phone numbers from the College of Education Licensure website.

OTHER PROFESSIONAL CAREER PROGRAMS

The College of Education and Professional Studies offers a program in occupational safety for students who intend to become industrial safety specialists (see Department of Occupational and Environmental Safety and Health), in special education for students who want to work with adults who are developmentally disabled (see Department of Special Education), in Health, Human Performance and Recreation for students who want to pursue careers in health, sport, fitness and racket clubs, corporate and community health promotion, human performance, exercise science, recreation and leisure services (See Department of Health, Physical Education, Recreation and Coaching), and in Communication Sciences and 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 Sciences and Disorders).

LEADERSHIP, MILITARY SCIENCE AND AEROSPACE STUDIES DEPARTMENT

The Department of Leadership, Military Science and Aerospace Studies offers three programs which may be pursued by any student desiring instruction, practical experience, and credentials in leadership.

1. Leadership Minor. Provides the specialized knowledge and training required to be a successful supervisor, manager, or administrator in the student's chosen profession.
2. U.S. Army Commission. Completion of the commission program and a baccalaureate degree provides the opportunity for service to the Nation as a Second Lieutenant in either the US Army, National Guard, or Army Reserve.
3. U.S. Air Force Commission. Completion of the commission program and a baccalaureate degree provides the opportunity for service to the Nation as a Second Lieutenant in either the U.S. Air Force or Air Force Reserve.

CRIMINAL BACKGROUND CHECKS

Organizations now require a criminal background check prior to allowing university students to volunteer or to complete experiences required in their programs (e.g., field work, student teaching, practicum, internship, or ROTC). A criminal background check is required to enter ROTC.

A record may preclude you from participating in our mandatory field experiences, disqualify you for a license, or service/employment in your chosen field.

If you have concerns about what might show up in your criminal background check, we suggest you seek legal counsel prior to declaring a major, or committing to a program of study within the College of Education & Professional Studies.

ADMISSION TO PROFESSIONAL EDUCATION

Admission to Professional Education is based on 1) Completing all eligibility requirements and 2) Placement in a rank ordering of applicants according to the most recent combined (UW-W and transfer or UWW and degree) cumulative GPA. There are several steps in the process of applying for admission to professional education. First, students must meet the Basic Eligibility Requirements. (See below) Also, they must complete an application form and attach letterhead stationary documenting 300 of the 350 hours of experiences with learners in an educational facility/facilities.

BASIC ELIGIBILITY REQUIREMENTS:

- View Phase 1 Meeting: College of Education Program Requirements
- Pass all three portions of the Pre-Professional Skills Test (PPST)
- View Phase 2 Meeting: Professional Education Orientation
- Pass each course of the Pre-Professional Foundations Courses
 - with “C”/”S” or better
 - Not required for admission eligibility for Dual Licensure in *Early Childhood majors.
 - Possible waivers or substitutions must be on official forms and signed by your advisor and department chairperson.

Complete the Phase 2 portfolio evaluation by taking

- All three courses within the Pre-Professional Foundations Courses at UW-Whitewater OR
- If the INTRODUCTION TO EDUCATION AND TEACHING course of the Pre-Professional Foundations block is transferred in from another institution, you MUST take the Portfolio Development I (EDFOUND 214 for 1 credit)
(Phase 2 portfolio not required for admission eligibility for Dual Licensure in *Early Childhood majors*)

Note: Passing the course Introduction to Education and Teaching does not mean you have passed the Portfolio requirement. Talk to your instructor to determine if you have passed the Portfolio requirement. The “non-academic milestones” on your AR must be updated to show if you passed the portfolio requirement.

Pass Speech 110

- with “C”/”S” or better
- Not required for admission eligibility for Dual Licensure in *Early Childhood majors.
- Possible waivers or substitutions must be on official forms and signed by your the Speech Department for typical undergraduates and licensure advisor for those who hold a bachelor’s degree.

Complete a minimum of 40 credits

- *Early Childhood majors must complete a minimum of 30 credits. Music 111 Fundamental of Music
- For *Early Childhood majors only.
- To be eligible for admission to Professional Education in early childhood, students must pass Music 111 (with “C”/”S” or better) or be concurrently enrolled. Waivers or substitutions for Music 111 must be on official forms and signed by the Music Department or Early Childhood Coordinator for typical undergraduates.
- Concurrent enrollment means that you are currently taking the course - not pre-registered! (NOTE: Students accepted into Professional Education while enrolled in Music 111 must successfully complete Music 111 with a “C”/”S” or better. Failure to do so will result in removal from Professional Education and pre-registered courses requiring Professional Education admission will be dropped.)

Achieve a combined cumulative 2.75 GPA

Verify Experiences with Learners

- Minimum of 350 hours beginning with Freshman year in high school.
 - 1. 300 hours of verified experiences
 - At least 300 hours of verified experiences from educational facility/facilities such as schools, agencies, institutions, centers, or organizations. Use letterhead stationery (sample option listed below) from the educational agency to provide verification. Verification statements should include experience descriptions, dates of involvement, total number of hours (for example, camp counselor is a maximum of 12 hours and full time work week is forty hours),

and be signed by the senior member of the agency.

- Some possible examples include: Instructional aide, substitute teaching, daycare teacher, classroom volunteer, coaching, camp counselor, after-school tutoring, Sunday School teacher, etc.
- 2. 50 hours of unverified experiences
- Up to 50 hours of experiences that may be related to the role of teacher not associated or attached to an educational facility (description or verification should be provided)
- Some possible examples include: Childcare, job related training, parenting, tour group leader, etc.
- The goal of the experience requirement is to engage students in supervised, focused experiences that will provide a backdrop for future learning. Students are encouraged to seek out opportunities to work with diverse learners. Diverse populations are defined broadly to indicate differences from the group with which one identifies. These differences may be in terms of race, ethnicity, ability and socioeconomic status. For example, the applicant may have had experiences that involved exceptional educational needs, community services, etc. Experiences with individuals from different cultures provide the kind of background that will enhance students’ knowledge, skills, and dispositions as they progress through their educational program.

* This is the dual licensure program that enables the accepted cohort group to obtain regular and special education licensure.

Admission Deadlines: There will be three admission cycle deadlines in fall, spring, and summer for all students except those applying for Dual Licensure in Early Childhood. The Dual Licensure in Early Childhood program will accept applications only during the fall admission cycle. Students who meet all eligibility requirements and who turn in application forms before the deadline to turn in applications will be part of the admissions pool.

Continuous Admission: Admissions outside the regular admission schedule (i.e., separate from the normal fall, spring, and summer admission cycles) to students who have met all the basic eligibility requirements who are applying for programs with space available. Admission outside the regular schedule (continuous admission) may be granted to students who apply up to four days before the last day to register/add a term class. Continuous admission may not be granted if the applicant is seeking an exception to the GPA or PPST requirements.

TEACHER LICENSURE REQUIREMENTS

The College of Education requires all students seeking endorsement by the Licensure Officer of the College of Education for Wisconsin Department of Public Instruction licensure to complete the following licensure requirements:

Pre-Student Teaching Clinical Experiences

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.

During the Pre-Professional (Foundations) Block, students are assigned for a minimum of 50 hours in a school setting that serves a diverse population. In some programs, the Office of Field Experiences provides transportation to the school sites and students are assessed a transportation fee.

During the Professional Block, students are assigned to one or more experiences completed in schools located within the service area of the College of Education. See the Office of Field Experiences website for a list of these school districts. Students are responsible for their own transportation to the school sites.

- Educational Foundations: EDFOUND 243 Foundations of Teaching in a 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, EDFOUND 424 Measurement and Evaluation in Elementary Schools; EDFOUND 425 Measurement and Evaluation in the Secondary School; or EDFOUND 423 Measurement and Evaluation in Physical Education;

Directed Teaching (“Student Teaching”)

1. All students seeking initial endorsement for licensure by UW-Whitewater must earn units 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. Directed Teaching (“student teaching”). All students seeking initial endorsement for licensure must complete a full day, full term experience following the daily schedule and term of the cooperating school (not the university term). The procedures for determining if a student has met the requirements for Directed Teaching occur during the semester prior to the student’s assigned semester for Directed Teaching. Students who seek endorsement from UW-Whitewater must complete at least 14 units of academic work at UW-Whitewater prior to Directed Teaching. Students are placed in schools located within the service area of the College of Education. See the Office of Field Experiences website for a list of these school districts. Placements are made by the university on the basis of quality and other programmatic considerations. Students are responsible for their own transportation and housing arrangements during Directed Teaching.

ADMISSION TO DIRECTED TEACHING

Admission to Directed Teaching occurs at Decision Point 4 in the College of Education’s Unit Assessment System. Admission to Directed Teaching is restricted to students who have been admitted to Professional Education and who have met the ten criteria listed below. Passing the Phase 3 portfolio (#1) and conducting the record check (#7) could occur during the placement process prior to assuming duties at the placement site.

- 1.) passing score on Phase 3 portfolio (Except for Early Childhood Directed Teaching A and B)
- 2.) passing score in the major(s) on Praxis II subject assessment test(s) by the announced deadline date. * (Except for Early Childhood Directed Teaching A and B)
- 3.) 2.75 combined cumulative grade point average
- 4.) submission of Personal Information Sheet to Office of Field Experience by the announced deadline date. * (Except for Early Childhood Directed Teaching A and B)
- 5.) attendance at required Phase 3 meeting (Except for Early Childhood Directed Teaching A and B)
- 6.) submission of a negative Tuberculosis test result to Office of Field Experience (skin test or x-ray) by the announced deadline date. *
- 7.) completion of a record check (if required by placement site)
- 8.) meeting minimum or better grades in courses as required by department of major. (See individual catalog statements in each department.)
- 9.) meeting additional requirements as identified by the specific program
- 10.) Transfer students must complete at least 14 undergraduate credits or 9 graduate credits of work at the University of Wisconsin-Whitewater before admittance to the student teaching semester.

* See Office of Field Experiences for deadline information

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: GEOGRPY 252 Human Environmental Problems; or BIOLOGY

214 Ecology and Society. (BIOLOGY 214 will also meet the PI34 General Education for licensure Biological Science requirements.)

Cooperatives: Students whose programs lead to Wisconsin licensure in social studies must fulfill the statutory requirements in cooperatives by electing the following course: ECON 213 Economic Principles, Problems and Policies.

Exceptional Education: All persons who receive an initial Wisconsin license must complete an exceptional education requirement. This requirement has been integrated into the curricula of all licensure programs. Students who successfully complete an initial license program at UW-Whitewater will have fulfilled this state requirement.

Human Relations Requirements: All professional education programs leading to initial licensure require study and experiences in human relations. Specific information on the course and experience requirements is available in the Office of Field Experience, Winther 2038.

GENERAL EDUCATION FOR LICENSURE REQUIREMENTS:

The State of Wisconsin through the Wisconsin Department of Public Instruction has implemented a set of teacher education program rules that are referred to as PI34. The rules describe general education requirements that must be met by all teachers seeking their first teaching license, regardless of previous degrees.

To meet the general education requirements for teacher licensure students at UW-Whitewater must complete one third of the units for a bachelor’s degree or a minimum of 40 units of course work in general education and the course requirements in each of the categories listed below. All courses taken to satisfy UW-Whitewater’s general education requirements may be used to meet the General Education requirements for licensure.

Students completing the 45 unit general education requirements will also have met the following PI34 General Education requirements: Composition and Literature, Oral Communication, Fine Arts, Western History or Contemporary Culture, and Non-Western History or Non-Contemporary Culture. The sections not covered by the core and proficiency requirements are Biological Science and Physical Science and must be met with additional course work.

All students including transfer students and those who hold a baccalaureate/master’s degree must meet the following areas:

1. Written and Oral Communication: ENGLISH 101 and SPEECH 110
2. The Humanities including literature: ENGLISH 102
3. Mathematics select one course from MATH (developmental courses excluded)
4. Fine Arts: GENED 110, GA.
5. Social Studies: GENED 130 or GS
6. Biological and Physical Sciences:
 - A. Biological Science: Select one course from Biology
 - B. Physical Science: Select one course from Astronomy, Chemistry, Geology, Physics, or Laboratory Physical Geography course (GEOGRPY 210).
7. Western and Non-Western History or Contemporary Culture: Select two courses from GENED 120, GENED 130 or GENED 390. (this requirement cannot double count with #5 Social Studies)
8. Any General Education courses to equal a total of 40 units, no course may be used to fulfill more than one PI-34 requirement.

Students who transfer to UW-Whitewater or hold a baccalaureate degree should contact their advisor for possible course equivalencies. Specific information on the general education requirements and the approved list of courses are also available at the Winther Hall Information Desk.

Endorsement Requirements: Upon completion of an approved professional education program and a bachelors degree, students will be eligible for endorsement for initial teacher licensure when they meet the following requirements:

1. Completion of an approved major, major and minor,
2. Successful completion of a Directed Teaching experience at UW-Whitewater.
3. Prior to August 31, 2004 a licensure GPA of 2.75 (based on major, minor and professional education course work). After August 31, 2004 students must have a combined cumulative 2.75 GPA.
4. A passing score on a standardized examination in each licensure major and minor (if applicable) required by the Wisconsin Department of Public Instruction. The examination will be administered by the Wisconsin Department of Public Instruction (DPI) and the passing score will be determined by the State Superintendent. UW-W enters scores on the database, but will not archive the scores.

Exceptions to the GPA endorsement requirements for initial teacher licensure may be granted by the Licensure Officer in the College of Education. No more than 10% of all students completing licensure programs in each graduation period may be granted an exception.

COLLEGE DEGREE REQUIREMENTS

BACHELOR OF SCIENCE IN EDUCATION (BSE)

Students may earn a Bachelor of Science in Education from the College of Education. Successful completion of a minimum of one hundred twenty (120) units in the following areas is required:

- University Proficiency
- General Studies
- Diversity and Writing Proficiency
- College/Major (and minor if required)
- Core

General College of Education and Professional Studies requirements:

1. Measurement and Evaluation: Appropriate to major; EDFOUND 422 Measurement and Evaluation in Occupational Safety, or EDFOUND 423 Measurement and Evaluation in Physical Education, or EDFOUND 424 Measurement and Evaluation in Elementary Education, or EDFOUND 425 Measurement and Evaluation in the Secondary School.
2. Introduction to Education and Teaching (EDFOUND 210)

Major Requirements: See the appropriate departmental pages for major, minor, and other departmental requirements.

Minor Requirements: Special Education majors are not required to complete a minor.

Elementary/Middle majors are required to complete all the courses in an approved minor plus any additional licensure requirements for that minor. A special methods course in the minor may be required. Praxis II test is required for ESL or Foreign Language minors.

Middle/Secondary Education majors are required to complete all the courses in an approved minor plus any additional licensure requirements for that minor. A special methods course in the minor may be required. Praxis II test is required for licensure in the minor.

Broadfield majors are not required to complete a minor. Students choosing to complete a minor should be aware that the minor will not be licensable unless all licensure requirements for that minor, including any additional student teaching experience, is completed.

Foreign Language majors and/or minors must complete a foreign language immersion for each licensable area. Contact the Department of Curriculum & Instruction for more information on the immersion requirement.

Special Minors (requirements not listed on Advising Report):

Bilingual Education: Complete the approved minor and an additional student teaching or field study.

Health Education: Complete the approved minor, health methods course, and additional student teaching (if required).

Library Media: Complete the approved minor and two additional practicums.

Foreign Language: Complete the approved minor, a methods course and a four-week immersion experience.

Writing Competency: Students should contact the department office of their major for information concerning their writing requirement.

Teacher Licensure Requirements: Required for students desiring to teach.

Students pursuing a BSE must have a combined cumulative 2.75 GPA. Students pursuing a Safety Studies major must achieve a minimum overall gpa of 2.5 and a minimum gpa of 2.5 in the major. Students pursuing Human, Health & Performance (non-licensure) major must achieve a minimum overall gpa of 2.25 and a minimum gpa of 2.25 in the major.

EDUCATION MAJOR CHANGES

The College of Education, in collaboration with the Admission's Office, has restricted students from transferring to UW-W and declaring an education major UNLESS the appropriate GPA for their desired major has been met.

Student transferring with:

1 - 23 credits may transfer with any grade point and be allowed to declare education as their major

24 - 71 credits must transfer with a minimum 2.50 GPA to be allowed to declare education as their major

72 or more credits must transfer with a minimum 2.75 GPA to be allowed to declare education as their major

To be eligible for a change of major, the following GPA's must be met before the change of major form will be approved:

For all undergraduate licensure programs:

1 - 23 credits any grade point is acceptable to declare education as a major

24 - 71 credits must have obtained a minimum 2.50 GPA to be allowed to declare education as a major

72+ credits must have obtained a minimum 2.75 GPA to be allowed to declare education as a major

Health, Human Performance and Recreation

0 - 23 credits No GPA limit to declare HHPR as a major.

24 + credits Must have obtained 2.25 GPA to declare HHPR as a major.

Occupational & Environmental Safety & Health Dept. (non-licensure)

0 - 23 credits no GPA limit to declare OESH as a major

24 + credits must have obtained a 2.25 GPA to declare OESH as a major

Communication Sciences & Disorders (non-licensure at undergraduate level)

0 - 23 credits no GPA limit to declare Comm Sci/Dis as a major

24 - 71 credits must have obtained a 2.25 GPA to declare Comm Sci/Dis as a major

72 + credits must have obtained a 2.50 GPA to declare Comm Sci/Dis as a major

Change of major forms are routed through the Winther Hall Information Desk. If the above requirements are met, the request will be approved and the major will be changed.

BACHELOR OF SCIENCE (BS)

Students must complete at least 6 units in Natural Sciences/Mathematics or Social Sciences (designated GL, GM, or GS) above the minimum general education University requirements.

EDUCATION - GENERAL

MAJOR/EMPHASES

EARLY CHILDHOOD EDUCATION (BSE)

LICENSURE - 27 UNITS

1. EDUINDP 214
2. EDUINDP 443
3. EDUINDP 331
4. EDUINDP 441
5. EDUINDP 461, EDUINDP 462

MAJOR - 66 UNITS

1. EDUINDP 211, EDUINDP 212, EDUINDP 213, EARLYCHD 322, EDUINDP 215, AND EDUINDP 216
2. COMDIS 355, SPECED 461, EDUINDP 322, SPECED 365, READING 361 AND EDUINDP 320
3. EDUINDP 321, EDUINDP 332, EDUINDP 333, EDUINDP 334 AND SPECED 376
4. EDUINDP 323, EDUINDP 442, EARLYCHD 340 AND SPECED 476
5. EDUINDP 449, EDUINDP 451, EDUINDP 452, EDUINDP 453, PEPFOP 327, READING 461
6. EDUINDP 465

UNIQUE REQUIREMENTS:

1. CONSERVATION SCIENCE (BIOLOGY 214 WILL MEET CONSERVATION SCIENCE AND BIOLOGY SCIENCE)
2. MUSC 111
3. MATH 148 AND MATH 149
4. LIBMEDIA 201

The Early Childhood Education major is designed for students who wish to teach young children, with and without disabilities, from birth through age eight. This program leads to licensure in Early Childhood Special Education and Birth - Grade Three. There is no minor required for this major. Students enter the ECE program as a cohort group during the Spring term. Students interested in this program should apply for admission to Professional Education one term earlier than for other College of Education programs, for the fall term. Students will be admitted to the ECE program once a year.

COURSE DESCRIPTIONS

EDUINDP 211 INTRODUCTION TO EARLY CHILDHOOD EDUCATION 2 u

Designed as a foundations course for students in Early Childhood Education who are preparing to teach children from birth to age 8 in inclusive settings. Students will gain an overview of the field, have an opportunity to examine their commitment to the education and well-being of young children, and begin systematic planning for the development of their professional life.
Prereq: Admission to Professional Education and the Early Childhood Program.

EDUINDP 212 WORKING WITH CHILDREN AND FAMILIES IN A DIVERSE SOCIETY 3 u

This course is designed to prepare students to work with families of both typically and atypically developing children, and with families whose children are at-risk for developmental and educational difficulties. The following concepts will be addressed: young children in an ecological context, risk and resiliency, the post-modern family, parenting styles, positive discipline in the home and classroom, cultural competence, prevention/intervention, and characteristics of healthy families. The content will include on families in a diverse society, and will specifically address the requirement for instruction in native American culture in Wisconsin. Skills will include: ability to access a variety of resources to communicate and collaborate with families, to work with specific at-risk populations, and to determine family strengths and needs. Additionally, students will be exposed to the IEP and IFSP as they related to family strengths and needs.

Prereq: Admission to Professional Education and Early Childhood cohort.

EDUINDP 213 DEVELOPMENT OF THE YOUNG CHILD 3 u

The focus of this course will be on the development of children from birth through age 8 within the context of the whole lifespan. It will include learning theory, theory and practice of play, developmental milestones, and discussions on current thinking and recent research in developmental psychology.

Prereq: Admission to Professional Education and Early Childhood cohort.

EDUINDP 214 FIELD WORK 1: OBSERVATION & REFLECTION IN HEAD START 3 u

This course requires students to spend 75 hours with a group whose background the student does not share, at least 25 hours of which will be with a DPI-designated ethnic minority group. Students will be involved in guided observation tasks in order to gain experience in observing and reflecting upon children's growth and development, family-centered interactions, and the functioning of an early childhood intervention model.

Prereq: Admission to Professional Education and to the Early Childhood Program.

EDUINDP 215 ART IN THE EARLY YEARS 3 u

An introduction to the role and purpose of visual experiencing and art-making as it relates to the development of Early Childhood students. Through a variety of observation, hands-on, lecture and discussion experiences, students will have the opportunity to base and develop their understandings of child development in connection with age appropriate curriculum development in art and art-making. Required of all ECE-Special Ed majors.

EDUINDP 216 REFLECTION SEMINAR: PHASE 2 PORTFOLIO 1 u

The course is intended to ensure that the well-prepared teacher is a reflective practitioner who continually evaluates the effects of his/her choices and actions on others (students, parents, and other professionals in the learning community) and who actively seeks out opportunities to grow professionally.

EDUINDP 320 INTEGRATED CURRICULUM FOR CHILDREN: AGES 3-5 3 u

This course will enable students to plan a curriculum for children ages 3 through 8 with an understanding of integrated curriculum, the project approach and emergent curriculum that are coupled with relevant constructivist theories. An investigation of various early childhood programs will also be an emphasis of this course.

Prereq: Restricted to students with professional ed admission.

EDUINDP 321 GUIDING YOUNG CHILDREN 3 u

This course is designed to help students understand the behavior and feelings of young children, learn how to understand and build positive behaviors and feelings, develop positive classroom environments for young children, and deal with their common behavioral and emotional problems particularly in classroom settings.

Prereq: Admission to professional education and to the Early Childhood Education Program.

EDUINDP 322 WORKING WITH INFANTS AND TODDLERS AND THEIR FAMILIES 3 u

This course examines relevant theories and pertinent research pertaining to care of infants and toddlers within the family setting and in group care programs. Content includes an examination of legislative action that calls for intervention services for the birth to three population in natural settings, screening and assessment procedures, eligibility criteria for service delivery, working closely with and supporting parents, and team collaboration styles. The relationship between best practices for care of infants and toddlers in community care and policies which support them is considered as well. Students will design and evaluate curriculum activities appropriate for all children, from birth to three years of age.

Prereq: Successful completion of all prior Early Childhood Education classes.

EDUINDP 323 REFLECTIVE SEMINAR: ASSESSMENT 1 u

This course provides pre-service teachers with the opportunity to reflect upon their course work and classroom experiences, discuss and share educational ideas, monitor professional growth, formulate personal goals and objectives, collaborate with peers, share new ideas, design and evaluate strategies and methods for working with children, parents and other professionals. Written and oral reflection and other means of creative expression will be practiced with respect to both the content of the current courses and field work experiences.

Prereq: Admission to Professional Education and to the Early Childhood Program.

EDUINDP 331 DIRECTED TEACHING A: INFANTS AND TODDLERS 6 u

This course provides the student with the opportunity to fully develop practice and reflect upon skills acquired through coursework and previous field experience. Students are placed in both a county Birth-to-Three Program and a community infant/toddler childcare program. High quality inclusive programs are selected (when possible). Students are provided supervision by a Cooperating Teacher, and a University Supervisor. Students will plan and implement instruction for individuals and groups of children, adapt instruction for children with disabilities, conduct assessments, evaluate student performance, collaborate with parents and professionals.

Prereq: Successful completion of all prior Early Childhood Education classes.

EDUINDP 332 REFLECTION SEMINAR: LITERACY/ INFANT TODDLER 1 u

This course provides teachers-to-be with opportunities to reflect upon their course work and classroom experiences, discuss and share educational ideas, monitor professional growth, formulate personal goals and objectives, collaborate with peers, and design new strategies and methods for working with children, parents, and other professionals. Written and oral reflection and other means of creative expression will be practiced with respect to both the content of current courses and field work experiences.

Prereq: Successful completion of all prior Early Childhood Education classes.

EDUINDP 333 INFORMAL ASSESSMENT OF YOUNG CHILDREN 3 u

This class is designed to assist students in acquiring skills related to informal assessment. These skills include: the ability to use a variety of observation strategies, to apply functional assessment strategies, use play-based and other criterion-referenced instruments, develop and implement program evaluation strategies. Additionally the student will acquire the ability to link assessment results to IEP/IFSP formation, and the ability to use assessment results to develop differentiated instruction, the ability to write summary reports for school files, and to communicate in writing and verbally, assessment results to parents and to other professionals.

Prereq: Successful completion of all prior Early Childhood Education classes.

EDUINDP 334 CHILDREN'S LITERATURE AND LANGUAGE ARTS, AGES 3 THROUGH 8 3 u

A study of literature and media for young children, ages three through eight years, with a primary focus on student exposure to a wide variety of current, award-winning children's literature across all genres. An emphasis is placed on evaluating, selecting, and presenting materials related to the interests and needs of children and an integrated school curriculum. A second emphasis considers the use of language arts to elicit children's responses to literature.

Prereq: Successful completion of all prior Early Childhood Education classes.

EDUINDP 410/610 CREATING PROFESSIONAL DEVELOPMENT PLANS 3 u

This course is designed to be a campus based course with a 25% on-line component. This course prepares the initial educator to use reflection tools to gauge their current level of performance based on the Wisconsin Educator Standards. From their reflections and documentations, each participant will write a compelling goal(s) that drives the writing of the professional development for the next 3-5 years. Professional Development Plans (PDPs) will be completed and approved so that the initial educator will leave the institute ready to implement the first year of his/her PDP. Assessment strategies are part of the institute so that initial educators may begin to collect and analyze data that show professional growth and a positive impact on student learning. Participants will be part of a learning community which includes the university higher education representative and other members of their professional community.

Prereq: Employed in public/private educational setting; professional educator status.

EDUINDP 411/611 IMPLEMENTATION OF THE PROFESSIONAL DEVELOPMENT PLAN 3 u

This campus based and on-line (50%) institute builds on prior learning from the previous summer institute in that this stage of PDP development and implementation requires the learner and the community to reflect on progress, look at the annual review of the PDP and make necessary revisions. They will analyze current data sources based on their assessment plans that were collected throughout the process. This institute will deepen content knowledge related to participant goals by including content and pedagogical specialists to increase the learner's knowledge, skills, and dispositions related to the standards addressed in their PDPs.

Prereq: EDUINDP 410/610

EDUINDP 412/612 VERIFICATION OF THE PROFESSIONAL DEVELOPMENT PLAN 1 u

This 1 credit campus-based and on-line (50%) institute builds on prior learning from the previous summer institutes by providing the final verification process with Initial Team Members of the Initial Educator's Professional Development Plan.

Prereq: EDUINDP 410/610 and EDUINDP 411/611

EDUINDP 441 DIRECTED TEACHING B: PRESCHOOL (3-4) 3 u

This course provides the student with the opportunity to fully develop practice and reflect upon skills acquired through coursework and previous field experience. Students are placed in high quality inclusive preschool programs (when possible) and provided supervision by a Cooperating Teacher and a University Supervisor. Students will plan and implement instruction for individuals and groups of children, adapt instruction for children with disabilities, conduct assessments, evaluate student performance and collaborate with parents and professionals.

Prereq: Successful completion of all prior Early Childhood Education classes.

EDUINDP 442/642 PLANNING FOR INDIVIDUAL NEEDS 3 u

This class provides students with the skills to develop and adapt curriculum and instructional strategies to meet the educational needs of young children who require specialized instruction. The emphasis is on the provision of that instruction in the natural environment of the children.

Prereq: Admission to Professional Education

EDUINDP 443 FIELD STUDY: AGES 3 THROUGH 8 1-3 u
Being involved in an early childhood classroom enables students to apply theoretical understandings regarding positive discipline approaches for young children and the adaptation of both curriculum and the environment to meet individual needs and abilities. Students will practice written and oral reflection. It is expected that reflective thinking will assist the student in accommodating their beliefs and knowledge of theory to classroom realities. A concurrent seminar will allow students to pose classroom practice problems, negotiate solutions, and share insights while being exposed to multiple viewpoints. Repeatable
Prereq: Admission to Professional Education and enrollment in Early Childhood Education (Dual Licensure) major; or Admission to Professional Education and enrollment in Special Education minor.

EDUINDP 449 MATHEMATICAL CONCEPTS DEVELOPMENT IN EARLY CHILDHOOD EDUCATION 3 u
Students learn how to assess mathematics skills young children ages 0 through 8 years develop and identify instructional strategies that support children's engagement in mathematical thinking. Students observe and reflect on individual children's approaches to mathematical thinking and prepare and implement integrated lessons for children in community and school settings.
Prereq: Admission into the Early Childhood Education major

EDUINDP 451 REFLECTIVE SEMINAR: PHASE 3 PORTFOLIO 1 u
This course provides pre-service teachers with the opportunity to reflect upon their course work and classroom experiences, discuss and share educational ideas, monitor professional growth, formulate personal goals and objectives, collaborate with peers, share new ideas, design and evaluate strategies and methods for working with children, parents and other professionals. Written and oral reflection and other means of creative expression will be practiced with respect to both the content of the current courses and field work experiences.
Prereq: Admission to Professional Education and to the Early Childhood Education Program.

EDUINDP 452 INTEGRATED CURRICULUM FOR CHILDREN: AGES 6 THROUGH 8 3 u
This course is designed to increase students' understanding of how to combine different subject areas, such as literacy, math, art, music, science within one thematic unit based on an understanding of how children learn and develop. Initially, students will study related theory and explore a variety of instructional methods. A field component will allow students to apply their knowledge by planning and implementing a series of classroom experiences with children in primary classrooms. Subsequent reflection and class discussion will address implementation problems and seek solutions.
Prereq: Successful completion of all prior Early Childhood Education classes.

EDUINDP 453 LEADERSHIP IN EARLY CHILDHOOD EDUCATION 2 u
This two credit on-line workshop will examine leadership from three perspectives; the leader within me, leaders in the field and leadership as service. While exploring "the leader within me", participants will explore the characteristics of and types of leaders in an effort to define their personal leadership style. "Leaders in the field" will be dedicated to exploring the early childhood classroom and the field, and finding ways to advocate for children through assuming leadership roles. And finally, participants will observe and consider the ways leaders serve the greater society through service.
Prereq: Admission to the Early Childhood Program

EDUINDP 461 DIRECTED TEACHING C: CONSULTATION IN EARLY CHILDHOOD 6 u
This course provides the student with the opportunity to fully develop their practice and reflect upon skills acquired through coursework and previous field experience. Students are placed in programs serving young children with disabilities. High quality inclusive programs are used (when

possible). Supervision is provided by a Cooperating Teacher and a University Supervisor. Students plan and implement instruction for individuals and groups of children, adapt instruction for children with disabilities, conduct assessments, evaluate student performance, collaborate with parents and professionals.
Prereq: Admission to Professional Education and Early Childhood Education Program

EDUINDP 462 DIRECTED TEACHING D: CHILDREN FIVE THROUGH EIGHT YEARS 6 u
Students have the opportunity to fully develop, practice and reflect upon skills acquired through coursework and previous field experiences. Placed with an educator teaching at a kindergarten through third grade level, students plan and implement instruction for individuals and groups of children, adapt instruction for children with special needs, conduct assessments, evaluate student performance, collaborate with parents and professionals.
Prereq: Admission to Professional Education and Early Childhood Education Program

EDUINDP 463 DIRECTED TEACHING E: PRIMARY 5 u
This course provides the student with the opportunity to fully develop, practice and reflect upon skills acquired through coursework and previous field experience. Students are placed in public school kindergarten programs serving six, seven and/or eight year olds, with and without disabilities. A Cooperating Teacher and a University Supervisor will provide them supervision. Students will plan and implement instruction for individuals and groups of children, adapt instruction for children with disabilities, conduct assessments, evaluate student performance, collaborate with parents and professionals.
Prereq: Admission to Professional Education and Early Childhood Education Program

EDUINDP 465 REFLECTIVE SEMINAR: PHASE FOUR PORTFOLIO 1 u
Reflective Seminar: Phase Four provides a forum for ECE students to develop the Phase Four Portfolio and to begin their Professional Development Plans. The course is intended to ensure that the well-prepared teacher is a reflective practitioner who continually evaluates the effects of his/her choices and actions on others (students, parents, and other professionals in the learning community) and who actively seeks out opportunities to grow professionally.
Prereq: Successful completion of five semesters ECE major courses

EDUINDP 475/675 LICENSURE PORTFOLIO REVIEW .5 u
A course to assist students to remove deficiencies in their portfolio in order to make the portfolio acceptable for student continuation in teacher education programs. Repeatable for maximum of 1.5 units.

EDUINDP 490/690 WORKSHOP 1-3 u

EDUINDP 496/696 SPECIAL STUDIES *Repeatable* .5-3 u

EDUINDP 497 EXCHANGE STUDY *Repeatable* 1-12 u

DEPARTMENT OF COMMUNICATION SCIENCES AND DISORDERS

Phone: 262-472-1301

E-Mail: comdis@uwm.edu

Faculty: Scott Bradley, Roxanne DePaul (Chair), Ruiying Ding, and Giuliana Miolo.

The undergraduate major of communication sciences and disorders prepares speech-language pathologists for graduate work in speech-language pathology and/or audiology. Speech-language pathologists are specialists in normal and disordered human communication and swallowing. They provide service in educational, medical and related settings offering assistance to persons with speech, language and/or hearing disorders. For example, speech-language pathologists treat individuals who experience difficulty

producing speech sounds (articulation), maintaining speech rhythm or fluency, or controlling voice production. They also treat language disorders also such as an inability to understand or use speech sounds, words and their meanings, and/or grammatical patterns. This also includes reading and writing and memory impairments. Speech-language pathologists are also trained to manage swallowing disorders across the lifespan.

MAJORS**COMMUNICATION SCIENCES AND DISORDERS (BA)****MAJOR & WRITING - 40 UNITS**

1. COMDIS 240, COMDIS 270, COMDIS 272 AND COMDIS 278
2. COMDIS 355 OR COMDIS 482
3. COMDIS 371, COMDIS 380 AND COMDIS 483
4. COMDIS 424, COMDIS 426 AND COMDIS 477
5. SELECT 6 UNITS FROM COURSES: COMDIS 210 OR 3 UNITS FROM COMDIS 210 AND 3 UNITS FROM COMDIS 460 WITH PERMISSION OF DEPT.
6. ENGLISH 281 OR ENGLISH 274 OR CIGENRL 310 OR ENGLISH 372
7. PSYCH 211 OR PSYCH 303 OR PSYCH 351 OR SPECED 466
8. SELECT 0-6 UNITS FROM HUMANITIES (RECOMMEND FOREIGN LANGUAGE)
9. SELECT 0-3 UNITS FROM ARTS
10. SELECT 0-3 UNITS FROM RACE AND ETHNIC CULTURE

UNIQUE REQUIREMENT - 15 UNITS

1. EDFOUND 243
2. EDFOUND 230 OR EDFOUND 222 OR EDFOUND 478 OR PSYCH 331 OR PSYCH 332 OR SPECED 205
3. COMDIS 340
4. LIBMEDIA 201
5. COMDIS 210
6. COMDIS 351
7. COMDIS 450

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

COMMUNICATION SCIENCES AND DISORDERS (BS)**MAJOR & WRITING - 40 UNITS**

1. COMDIS 240, COMDIS 270, COMDIS 272 AND COMDIS 278
2. COMDIS 355 OR COMDIS 482
3. COMDIS 371, COMDIS 380 AND COMDIS 483
4. COMDIS 424, COMDIS 426
5. SELECT 6 UNITS FROM COURSES: COMDIS 210 OR 3 UNITS FROM COMDIS 210 AND 3 UNITS FROM COMDIS 460 WITH PERMISSION OF DEPT.
6. PSYCH 211 OR PSYCH 303 OR PSYCH 351
7. PSYCH 304 OR PSYCH 305 OR PSYCH 451
8. SELECT 306 UNITS FROM SCIENCE OR MATH
9. SELECT 0-6 UNITS FROM PSYCHOLOGY OR SOCIOLOGY
10. SELECT 0-3 UNITS FROM RACE AND ETHNIC CULTURE

UNIQUE REQUIREMENT - 15 UNITS

1. EDFOUND 243
2. EDFOUND 230 OR EDFOUND 222 OR EDFOUND 478 OR PSYCH 331 OR PSYCH 332 OR SPECED 205
3. COMDIS 340
4. COMDIS 351
5. LIBMEDIA 201
6. COMDIS 210
7. COMDIS 450

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

COMMUNICATION SCIENCES AND DISORDERS (BSE)**LICENSURE - 21 UNITS**

1. COMDIS 210
2. EDFOUND 222 OR EDFOUND 230 OR EDFOUND 478 OR PSYCH 331 OR PSYCH 332
3. EDFOUND 243
4. SPECED 205 OR PSYCH 304
5. SPECED 360 OR EDFOUND 424 OR EDFOUND 425 OR PSYCH 444
6. CIGENRL 310 OR ENGLISH 281 OR READING 360 OR SECNDED 466
7. COMDIS 450

MAJOR - 57 UNITS

1. COMDIS 240, COMDIS 270, COMDIS 272 AND COMDIS 278
2. COMDIS 340, COMDIS 351, COMDIS 371 AND COMDIS 380
3. COMDIS 355 OR COMDIS 481
4. COMDIS 472 OR COMDIS 210
5. COMDIS 385 (ELECTIVE)
6. COMDIS 424, COMDIS 426, COMDIS 477, COMDIS 482 AND COMDIS 483
7. EDFOUND 482 OR MATH 230 OR PSYCH 215
8. EDFOUND 475 OR PSYCH 345 OR PSYCH 451 OR SPECED 466
9. SELECT 6 UNITS FROM COURSES: COMDIS 210 OR 3 UNITS FROM COMDIS 210 AND 3 UNITS FROM COMDIS 460 WITH PERMISSION OF DEPARTMENT.

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 communication sciences and disorders with undergraduate training totaling at least 60 semester credit hours and at least 30 units in courses taken for graduate credit.

MINOR**COMMUNICATION SCIENCES AND DISORDERS****MINOR - 22 UNITS**

SELECT 22 UNITS FROM COURSES:

1. COMDIS 210 (SEC 2), COMDIS 240, COMDIS 270, COMDIS 272, AND COMDIS 278
2. COMDIS 340, COMDIS 355, COMDIS 371, COMDIS 380
3. COMDIS 424, COMDIS 426, COMDIS 477, COMDIS 482, COMDIS 483

DECLARATION OF THE MINOR AND SELECTION OF THE 22 REQUIRED UNITS MUST BE DONE IN CONSULTATION WITH AN ADVISOR FROM COMMUNICATION SCIENCES AND DISORDERS

COURSE DESCRIPTIONS

COMDIS 210 OBSERVATION & PARTICIPATION IN COMMUNICATIVE DISORDERS 3 u

Offered on a satisfactory/no Credit basis only. This course offers supervised observation and participation with preschoolers and individuals with communicative disorders on-campus and/or off-campus. Site availability, student level of academic and clinical performance and supervisory expertise will determine student section assignment. Repeatable for a maximum of 12 units.

Coreq: EDFFOUND 243 or COMDIS 380.

COMDIS 240 HEARING AND SPEECH SCIENCE 4 u

A study of the anatomy and physiology of the auditory system, physical acoustics, speech production, sound perception, and basic hearing and speech instrumentation.

Prereq: COMDIS 270 and COMDIS 278 or consent of instructor

COMDIS 270 INTRODUCTION TO HUMAN COMMUNICATION AND DISORDERS GI 3 u

The course provides an overview of communicative disorders across the lifespan. Topics include normal communication behavior, the causes and impact of speech, language and hearing disorders, legislation and regulations, resources, cultural and diversity issues, and the role of professionals in the identification and treatment of individuals with communicative disorders.

COMDIS 272 PHONETICS AND ITS RELATED PROCESSES 3 u

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).

COMDIS 278 ANATOMY AND PHYSIOLOGY OF HUMAN COMMUNICATION 3 u

This course provides a basic understanding of the structures and functions involved in normal speech and language communication in humans.

Prereq: COMDIS 270 or consent of instructor.

COMDIS 340/540 MANUAL COMMUNICATION 1 u

This course is designed to provide the student with basic knowledge of manual communication systems and techniques, including finger spelling and basic signs.

COMDIS 351 PHONETIC TRANSCRIPTION 1 u

The phonetic transcription course is an on-line course that provides students with multiple opportunities to practice transcription of single words, phrases, sentences and short conversation as well as disordered speech samples.

Prereq: COMDIS 272

COMDIS 355/555 LANGUAGE DEVELOPMENT AND DISORDERS IN CHILDREN 3 u

This course provides an overview of oral language development and its relationship to the development of social skills, literacy and learning. Language characteristics of children with exceptional educational needs are described and strategies for improving their communication skills are discussed.

Prereq: Restricted to students with Professional Education admission. Coursework in child growth and development is highly recommended.

COMDIS 371 INTRODUCTION TO CLINICAL PRACTICUM IN COMMUNICATIVE DISORDERS 3 u

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.

COMDIS 380/580 SPEECH AND LANGUAGE DEVELOPMENT 3 u

This course provides an introduction to the process and sequence of normal speech and language development in children birth to school-age. Theories of language acquisition and the role of cognition, the environment, and caregivers are discussed. A language sample is analyzed and interpreted using knowledge gained in the class.

Prereq: Restricted to students with Communicative Disorders Major or consent of instructor.

COMDIS 385/585 FLUENCY DISORDERS 3 u

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.

Prereq: COMDIS 460/660 or departmental approval

COMDIS 424/624 COMMUNICATION DISORDERS ACROSS THE LIFE SPAN 3 u

This course provides basic understanding of various communication disorders due to structural damage, including voice disorders, disfluency, cleft palate speech disorders and swallowing dysfunction. The primary focus will be symptom description, evaluation and treatment techniques of these disorders in both the pediatric and adult population.

Prereq: COMDIS 278 and COMDIS 240

COMDIS 426/626 NEURAL BASES OF SPEECH AND LANGUAGE 3 u

This course provides a basic understanding of the neuroanatomic and neurophysiologic mechanisms underlying speech and language. The primary focus of study is on normal processes and neuropathologies and how they influence cognition, communication and swallowing.

Prereq: COMDIS 278 or consent of instructor.

COMDIS 450 METHODS: COMMUNICATIVE DISORDERS 3 u

A study of procedures and materials used in the public schools by speech language pathologists. The course aids the student in the development of a workable philosophical approach for dealing with children who have communicative disorders and are attending school.

Prereq: EDFFOUND 212 or EDFFOUND 222 or EDFFOUND 478 or PSYCH 351 Restricted to students with Professional Education admission.

COMDIS 460/660 PRACTICUM IN COMMUNICATIVE DISORDERS 3 u

This course offers supervised practicum experiences: observation of communicative disorders, clinical work on-campus and/or off-campus, and supervision of practitioners or students. Client availability, student level of academic and clinical training, and supervisory expertise will influence student enrollment and section assignment. This course is repeatable for as many times as needed. Prereq: Undergraduate enrollment requires departmental approval and graduate students must enroll every semester.

COMDIS 472/672 ASSESSMENT IN COMMUNICATIVE DISORDERS 3 u

This course introduces the theoretical and practical aspects of the assessment process in communicative disorders. The development and selection of procedures for assessing communicative disorders are reviewed and issues and methods involved in clinical decision-making are discussed using case studies and applied activities.

Coreq: COMDIS 481/681 and COMDIS 460/660 or departmental approval

COMDIS 477/677 DISORDERS OF SPEECH PRODUCTION 3 u

A study of the development of normal articulation and phonology and of the etiologies, diagnosis, and treatment of articulation and phonological disorder, phonological disorder and developmental apraxia of speech.

EDUCATION AND PROFESSIONAL STUDIES

Prereq: COMDIS 270 and COMDIS 272 or consent of instructor.

COMDIS 481/681 LANGUAGE DISORDERS IN CHILDREN 3 u

This course introduces theoretical and clinical issues in child language disorders. Principles and methods relating to the assessment and management of developmental language disorder are discussed. The development of both content knowledge and applied skills are emphasized.

Coreq: COMDIS 472/672 and COMDIS 460/660 or departmental approval

COMDIS 482/682 AUDIOMETRY 3 u

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: COMDIS 240 or consent of instructor.

COMDIS 483/683 AUGMENTATIVE AND ALTERNATIVE COMMUNICATION 3 u

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.

COMDIS 490/690 WORKSHOP *Repeatable* 1-6 u

COMDIS 491/691 TRAVEL STUDY *Repeatable* 1-3 u

COMDIS 494 SEMINAR 1-6 u

Repeatable. Prereq: Jr st and cons instr.

COMDIS 496/696 SPECIAL STUDIES 1-3 u

Repeatable. Prereq: Jr st. or cons dept chp.

COMDIS 498 INDEPENDENT STUDY 1-3 u

Repeatable. Prereq: Jr st or cons dept chp.

DEPARTMENT OF COUNSELOR EDUCATION

Phone: 262-472-5426 E-Mail: counstred@uwm.edu

Faculty: Cindy Anderton, Donald Norman (Chair), Brenda O'Beirne, Anene Okocha, David VanDoren.

The Department of Counselor Education does not have any undergraduate programs but does offer a Master of Science degree in Counseling. Undergraduate students who have an interest in pursuing a master's degree at a later date will benefit from courses and/or degrees in programs such as psychology, social work, sociology, women's studies or health.

Students who have specific questions should contact the Department chair.

COURSE DESCRIPTIONS

COUNSELED 450/650 INTRODUCTION TO COUNSELING 3 u

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 programs, the counselor's role and relationship to other service providers will be explored.

CURRICULUM & INSTRUCTION 151

COUNSELED 490 WORKSHOP *Repeatable* 1-3 u

COUNSELED 496 SPECIAL STUDIES *Repeatable* 1-3 u

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Phone: 262-472-1122 E-Mail: cioffice@uwm.edu

Faculty: Tammy Bartholomew, Deb Bowditch, Ann Curry Ruff, Anne D'Antonino Stinson, Robin Fox (Chair), Michelle Gibson-Herman, James Hartwick, Lucinda Heimer, Liesl Hohenshell, Edric Johnson, Susan Kidd, Vince Lia, Katrina Liu, Richard Mason, Julie Minikel-Lacocque, Andrea Maxworthy-O'Brien, Virginia Pease, Carmen Rivers, Melanie Schneider, Patricia Shaw, Wallace Sherlock, Nancy Stevens, Matthew Vick, John Zbikowski.

The Curriculum and Instruction Department provides several undergraduate teacher licensure programs and a minor in ESL/Bilingual Education.

The Early Childhood Education major is a dual early childhood program that results in Wisconsin teaching licensure in regular and special education for birth through third grade. See the program description and list of classes on page 157.

The Elementary/Middle leads to licensure in middle childhood - early adolescence (ages 6-13). The programs include an elementary education major, a minor, and a wide range of professional education courses. Special emphasis is placed on fieldwork 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.

Secondary Education prepares students to teach in middle or junior high schools and senior high schools. Academic major(s), minor(s), or broadfield areas are complemented by educational foundations coursework, methods courses, and field work that qualify students for middle/secondary teaching licensure. For Secondary Education majors to be certified in their minor as well as their major, they must have a methods course in the minor unless the major and minor are in a compatible area. A listing of compatible majors and minors is available in the Curriculum and Instruction Office.

The Bachelor of Science with an Elementary/Middle or Secondary Education major with a minor in bilingual-bicultural or ESL education is designed to provide instructional strategies and cultural understanding for undergraduate/graduate students who wish to work with children whose native language is not English.

In addition to the programs offered through the department, the department supports grades K-12 area majors in several fields. Broad area majors are as follows:

Driver Education: The program in driver education is outlined under Occupational & Environmental Safety & Health.

Art Education: The major in art education is outlined under Art.

Music Education: Majors in music education are outlined under Music.

Physical Education: The broadfield major in physical education is outlined under Health, Physical Education, Recreation and Coaching.

Business Education: Majors in business education are outlined under Information Technology & Business Education

Marketing Education: Majors in marketing education are outlined under Information Technology & Business Education

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Foreign Language Majors: Majors in Foreign Language are outlined under Languages & Literatures.

Theatre: Majors in theater education are outlined under Theatre/Dance.

MAJOR/EMPHASES

Students must achieve a grade of "C" (2.0) or better in all required courses prefix PEPROF, CIGENRL, READING, SECNDED, ELEMMD, and EARLYCHD before they can enroll in CIFLD 411/412/414: Directed Teaching

ELEMENTARY EDUCATION ELEMENTARY/MIDDLE EMPHASIS (BSE)

LICENSURE AND WRITING - 36 UNITS

1. LIBMEDIA 201 AND EDFNDPRC 210
2. EDFOUND 243
3. EDFOUND 222 AND EDFOUND 424
4. MATH 148 (GM) AND MATH 149 (GM) RLS
5. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
6. STUDENT TEACHING

SELECT 2 UNITS FROM CIFLD 401 AND 12 UNITS FROM CIFLD 412 OR 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 411

MAJOR & WRITING - 35 UNITS, 2.00 GPA

1. ELEMMD 365, ELEMMD 324, ELEMMD 363, ELEMMD 425, READING 360, READING 462, CIFLD 492 AND SPECED 205
2. ELEMMD 323
3. ELEMMD 362
4. PEPROF 328
5. BIOLOGY 221 OR HEALTHED 382

UNIQUE MAJOR REQUIREMENT - 3 UNITS

1. MUSC 111 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Middle-Level Licensure

To qualify for a license to teach at the middle school level a, students in the Elementary/Middle Emphasis must complete all the courses in a minor plus any additional licensure requirements for that minor. Special licensure requirements for certain minors include the following (refer to descriptions of the minors for details):

Bilingual/Bicultural Education minor: Complete bilingual student teaching or field study;

Foreign Language minor: Complete a methods course and a four-week immersion experience;

Health Education minor: Complete a health methods course;

Library Media K-12 minor: Complete practicum coursework.

SECONDARY EDUCATION (6-12)

Secondary Education programs prepare students to teach specific subjects in grades 6-12. Students in Secondary Education complete an Education major in one of the subjects from the list below, plus an approved minor is required:

Secondary and K-12 Education Majors

Biology	Geography	Political Science
Business	German	Psychology

EDUCATION AND PROFESSIONAL STUDIES

Chemistry	History	Sociology
Earth Science	Marketing	Spanish
Economics	Mathematics	Theatre
English	Physics	
French	Physical Science	

For descriptions of courses required in each major, look under that subject in this catalog:

A set of courses consisting of at least 12 units from each of two closely related subjects from the list above may be substituted for the minor. Consult an adviser in the Department of Curriculum and Instruction to determine approved combinations.

Broadfield majors, which prepare students to teach a set of related subjects in grades 6-9, and selected subjects from the set in grades 10-12, are available in Science (choose from several emphasis areas - refer to specific sciences) and Social Studies (choose from several emphasis areas - refer to specific social sciences). Students who complete a secondary broadfield major select an emphasis subject within the broadfield, and they do not need to complete a minor.

Secondary Licensure Minors

Students who select a minor as well as a major from the list of Education majors may obtain a 6-12 teaching license in both the major and minor subjects. To do so may require taking an additional methods course, depending on how closely the two subjects are related. Consult an adviser in the Department of Curriculum and Instruction to determine whether a particular major-minor combination requires more than one methods course for licensure in both subjects.

Middle/Secondary level licensure may also be obtained in the following subjects by completing any of the following minors in conjunction with any education major from the list above:

ESL and Bilingual/Bicultural Education (Bilingual Education License)

Athletic Coaching Education (Coaching Athletics License)

Computer Science (Computer Science License)

Health Education (Health License)

Library Media K-12 (School Media Specialist Provisional License)

Dance Secondary Education (Dance License)

Some minors are licensable for grades 6-12 only in conjunction with specific majors. They are:

Journalism with an English Education major

Speech with an English Education major

Psychology only with another education major or with a broadfield social studies major

Note that middle-level (6-9) licensure may also be obtained in most of the subjects listed in this section by completing a minor in conjunction with an Elementary Education major.

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. Psychology of the Exceptional Child (3 units)
2. Pre-Professional Foundations Block (9 units):
(Prerequisites: G.P.A. of 2.75 or better and passing scores on at least two parts of the Pre-Professional Skills Test; and Phase I information refer to Educational Foundations for course descriptions)

Education in a Pluralistic Society
 Educational Psychology
 Introduction to Education and Teaching

3. Measurement and Evaluation in the Secondary School (3 units)
 (Prerequisite: Admission to Professional Education)
 (Refer to Educational Foundations for course description)
4. Methods Block (at least 11 units):
 (Prerequisite: Admission to Professional Education)
 Methods course(s) in the licensure subject(s)
 Literacy Strategies in the Content Areas
 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 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 Advising Report (AR) 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 AR or not. Refer to particular departments for details.

Important subject-specific licensure requirements include the following:

Social sciences majors (except Psychology) must complete coursework in economic cooperatives and environmental studies as specified for the major;

Science majors must complete coursework in environmental studies as specified;

English majors must complete coursework in literature for adolescents and literature by authors belonging to American minority groups as specified for the major;

Foreign language majors, within three years of taking the methods course, must complete a four-week residency requirement in a location where the foreign language is the predominant medium of communication.

Bilingual/Bicultural and ESL Education minors must complete bilingual student teaching or field study;

Health minors must complete a methods course in health;

Library media minors must complete practicum coursework.

**TEACHING ENGLISH AS A SECOND LANGUAGE/
 BILINGUAL-BICULTURAL**

MINOR 24 UNITS (LICENSURE)

1. CIGENRL 350/550, ESL 350/550
2. ESL 310/510, CIGENRL 310/510
3. CIGENRL 354/554, ESL 354/554
4. ESL 320/520, CIGENRL 320/520
5. ESL 330/530, CIGENRL 330/530
6. ESL 403/603, CIGENRL 403/603

7. CIGENRL 405/605, ESL 405/605
8. CIFLD 492/692

UNIQUE REQUIREMENT: CORE LICENSE

Those pursuing the ESL license must take language study to the 251 level or above or the equivalent in language experience to be determined in consultation with the program coordinator.

ES./BE LICENSE:

1. Those pursuing the ESL/BE license must take one of the following courses, which can be completed within General Education or Diversity course requirements for graduation: RACEETH 380/580 OR CHICANO 310/510 OR CHICANO 320/520
2. Those pursuing the ESL/BE license must take CIGENRL 455/655 OR ESL 455/655

Those pursuing the ESL/BE license must demonstrate linguistic competence at the low advanced level on the American Council of Teachers of Foreign Languages (ACTFL) Oral Proficiency interview scale and demonstrate cultural competence by an instrument yet to be specified by DPI.

TEACHING ENGLISH AS A SECOND LANGUAGE

MINOR - 24 UNITS (LICENSURE)

1. CIGENROL 350/550, ESL 350/550
2. ESL 310/510, CIGENRL 310, 510
3. CIGENRL 354/554, ESL 354/554
4. ESL 320/520, CIGENRL 320/520
5. ESL 330/530, CIGENRL 330/530
6. ESL 403/603, CIGENRL 403/603
7. CIGENRL 405/605, ESL 405/605
8. CIFLD 492/692

UNIQUE REQUIREMENT: CORE LICENSE

Those pursuing the ESL license must take language study to the 251 level or above or the equivalent in language experience to be determined in consultation with the program coordinator.

ESL Additional Recommendations

It is beyond the scope of this 24-credit academic minor to make someone a balanced bilingual with native-like cultural competence. However, it is possible for candidates to improve cultural and linguistic knowledge and competence by pursuing advanced language and culture study at UW-Whitewater, *within general education course work*, and elsewhere beyond the unique requirements specified above. Indeed, this competence is essential in achieving the performance levels specified by DPI, necessary to secure the ESL/BE license. To this end, students will be advised to include the courses listed below in their general education program as well as coursework in foreign languages, travel study, and study abroad.

- RACEETH 380 Race, Ethnicity, and Social Justice: Issues for Helping Professionals.
- CHICANO 150 Introduction to Chicano Studies
- CHICANO 200 Chicano Literature: Historical Context and Contemporary Text
- CHICANO 201 Contemporary Chicano Literature
- CHICANO 310 History of Chicanos in the U.S.: 19th Century Roots and 20th Century Development
- CHICANO 320 Politics of the Chicano
- CHICANO 330 Chicano and Latino American Thought
- ENGLISH 265 Multicultural Literature of the United States
- HISTORY 343 Modern Latin America
- HISTORY 346 History of Mexico
- HISTORY 394 The U.S. at War in Vietnam

**TEACHING ENGLISH AS A SECOND LANGUAGE
 FOR ADULTS**

MINOR - 24 UNITS (NON-LICENSURE)

1. ENGLISH 281, ENGLISH 383, ESL 301 AND ESL 320
2. SECNDED 435, ESL 401 AND ESL 493
3. FRENCH 251, GERMAN 251 OR SPANISH 251

The certification program in Teaching English as a second language combines the study of theoretical and applied linguistics with instruction in theoretical and practical issues related to the study of English by non-native speakers throughout the lifespan. The minor is offered within the Department of Languages and Literatures, College of Letters and Sciences, in concert the Department of Curriculum and Instruction, College of Education. The licensure program has been designed to meet the standards recommended by TESOL, Inc, the premier international organization for ESL professionals. In its *Core Standards for Language and Professional Programs*, TESOL states that "teaching English to speakers of other languages is an academic field requiring...special professional education and preparation for its practitioners." Furthermore, "each program should have courses which present basic theory and practice covering the second language and teaching paradigm..." Basic entry requirements are: (1) the possession of a teaching license or concurrent enrollment in a program leading to a license; (2) competency in a language other than English as determined by examination or successful completion of the 251 level (may be worked on concurrently with the minor); (3) a GPA of 2.15 or higher. The TESOL minor consists of a core of 24 term units.

COURSE DESCRIPTIONS

CURRICULUM & INSTRUCTION

CIGENRL 310/510 SURVEY OF EDUCATIONAL LINGUISTICS 3 u

In Survey of Educational Linguistics, students will examine certain core areas of linguistics (phonology, morphology and syntax), with special attention to language acquisition. Course assignments will relate to the teaching of linguistically diverse communities.

Prereq: ENGLISH 101 and ENGLISH 102 or consent of instructor

CIGENRL 320/520 THE SPOKEN LANGUAGE AND DISCOURSE ANALYSIS 3 u

In The Spoken Language & Discourse Analysis, students will develop working knowledge of contemporary issues in the teaching of oral communication (speaking and listening skills) to learners of ESL. Linguistic principles studied are also pertinent for those teaching foreign languages.

Prereq: ENGLISH 101 and ENGLISH 102 or ENGLISH 161 and ENGLISH 162 and ENGLISH 281 or special permission from the instructor.

Unreq: ESL 320/520

CIGENRL 330/530 TEACHING GRAMMAR IN THE ESL/ BE CLASSROOM 3 u

Teaching Grammar in the ESL/BE Classroom is a component of the licensure minor in Teaching ESL/Bilingual-Bicultural Education. This course prepares teachers to instruct non-native learners in English grammar. Students examine selected grammatical topics to better comprehend the structure of English and to develop a repertoire of techniques for teaching them.

Prereq: ENGLISH 101 and ENGLISH 102 and Admission to the College of Education or consent of instructor

CIGENRL 350/550 INTRODUCTION TO ESL AND BILINGUAL-BICULTURAL EDUCATION 3 u

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: SECNDED 350/550, ESL 350/550.

CIGENRL 354/554 SEMINAR IN ESL AND BILINGUAL EDUCATION 1 u

In the Seminar in ESL and Bilingual Education, students meet to reflect upon the relationship between program content and contemporary issues in the educational and socio-political experiences of linguistically diverse communities in the region and state. Rotating themes include family, community and cultural change.

Coreq: first term - CIGENRL 350/550, second term - ESL 320/520 or ESL 330/530 or ESL 403/604, third term - CIFLD 492

CIGENRL 403/603 ESL METHODS AND CURRICULUM 3 u
ESL Curricula and Materials will provide students with the background to develop or select appropriate curricula and to design materials which enhance language learning. The approach to curricular design and materials development is one that is learner centered.
Prereq: ENGLISH 101, ENGLISH 102, ENGLISH 281 and ESL 301.

CIGENRL 405/605 ASSESSMENT IN THE ESL/ BILINGUAL CLASSROOM 3 u

This course explores policies, procedures, and instruments used to assess English language proficiency and academic achievement of limited English proficient students in American public schools. Included in this are the areas of English and native language competence; program placement, progress, and exit; alternative assessments in ESL, bilingual and mainstream classrooms.

Prereq: Admission to the College of Education or consent of instructor

CIGENRL 410 CURRENT TOPICS IN EDUCATION 1-3 u

An in-depth examination of a single current topic of interest to preservice teachers seeking licensure in Early Childhood through Grade 12. Topics will vary from semester to semester, and may include, for example, discussions of national curriculum standards for school subjects, assessment issues, intervention, etc.

Prereq: Admission to Professional Education Unreq: EDFOUND 410

CIGENRL 406/606 ART FOR EXCEPTIONAL CHILDREN 3 u

An undergraduate/graduate level course in Art Education for teachers of exceptional children and adolescents. The course will provide a background for curriculum development in art for children and adolescents with specific physical, mental, learning and emotional needs.

CIGENRL 455/655 TEACHING CONTENT IN THE BILINGUAL CLASSROOM 3 u

This course is an examination of various techniques and materials being used to teach content area subject matter in ESL/bilingual education programs. Other topics of discussion include language assessment and adaptation of materials to the learner's language proficiency and cultural experience. The course is taught in English, but discussion will take place in other languages so that students have the opportunity to expand and improve their command of the language used as a medium of instruction.

Unreq: SECNDED 455/655, ESL 455/655.

CIGENRL 470 STUDENT TEACHING SEMINAR 2 u

Offered on a satisfactory/no unit grade basis only. Discussion and writing about practical issues of teaching as experienced in the full-time directed teaching term. Incorporates presentations and panels by experienced educators as well as large- and small-group interaction to promote reflection and inform beginning teachers.

Repeatable.

Coreq: CIFLD 411 or CIFLD 412 or CIFLD 414

Prereq: Restricted to students with professional ed admission.

CIGENRL 479/679 DRAMA IN EDUCATION 3 u

This course is an introduction to the philosophy, methodologies, and practice of educational drama. The course explores how drama can alter the social relationships and modes of interactions among diverse teachers and students so that learning can become more engaging and more critical.

CIGENRL 489/689 EMPLOYMENT STRATEGIES 1 u

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: SPECED 489/689.

CIGENRL 490/690 WORKSHOP 1-6 u
Repeatable for a maximum of 9 units in degree.

CIGENRL 491/691 TRAVEL STUDY *Repeatable* 1-3 u

CIGENRL 494/694 SEMINAR 1-3 u
Repeatable. Prereq: Junior standing.

CIGENRL 496/696 SPECIAL STUDIES *Repeatable* 1-3 u

CIGENRL 498 INDEPENDENT STUDY 1-4 u
Repeatable. Prereq: Junior or senior standing and cons instr.

EARLY CHILDHOOD

EARLYCHD 321 PROGRAMS AND CURRICULUM FOR YOUNG CHILDREN 3 u

The investigation of various early childhood programs with emphasis on planning the environment: designing, implementing, and evaluating learning and teaching in an effective manner.

Prereq: Professional Education Admission; Restricted to students with curriculum Elementary Education, Emphasis: PreK-6 (EC/MC)

EARLYCHD 330 COMMUNITY - SCHOOL - CHILD RELATIONSHIPS 3 u

This course is designed to aid the student in identifying the interrelationships of home, school, community, and society in affecting the education of children. An emphasis is placed on the children-at-risk concept and its implications for teachers. A second emphasis will be given to techniques of communication between parents and teachers and means of actively engaging community members in the school.

Prereq: Professional Education Admission; Restricted to students with curriculum Elementary Education, Emphasis: PreK-6 (EC/MC).

EARLYCHD 340/540 NUTRITION AND HEALTH: EARLY CHILDHOOD 3 u

This course pertains to the needs of the young child of preschool age through the third grade, with emphasis on knowledge of nutrition, safety, and health in homes and community and school settings.

Prereq: Professional Education Admission; Restricted to students with curriculum Elementary Education

EARLYCHD 361/561 CHILDREN'S LITERATURE 3 u

A study of literature and media for Early Childhood, PreK-6; emphasis on evaluating, selecting, and presenting materials related to the interests and needs of children and the curriculum.

Prereq: Restricted to students with professional education admission; PreK-6 Licensure or EEN Licensure or Library/Media Minor.

EARLYCHD 462/662 PROGRAMS AND CURRICULUM FOR INFANTS AND TODDLERS 3 u

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: Professional Education Admission; Restricted to students with curriculum Elementary Education, Emphasis: PreK-6 (EC/MC)

EARLYCHD 475/675 ADMINISTRATION OF PRE - SCHOOL PROGRAMS 3 u

The concentration of this course is upon managerial skills. Areas of emphasis are licensing, writing policies, programming, staffing, finances, professional ethics, and public relations.

Prereq: EARLYCHD 321, Jr or sr st. Restricted to students with professional ed admission.

ELEMENTARY/MIDDLE EDUCATION

ELEMID 315 METHODS OF TEACHING ART IN THE ELEMENTARY/MIDDLE SCHOOL 2 u

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: Professional Education Admission and ARTSTUDIO 121; Restricted to students with curriculum Elementary Education

ELEMID 324 TEACHING OF SCIENCE IN THE ELEMENTARY/MIDDLE SCHOOL 3 u

This course considers different teaching models, metacognitive tools, inquiry structures, assessment approaches, curriculum design, use of computer technology in elementary and middle school science instruction, and state and national science education standards. Issues of safety and accessibility are addressed as a part of curriculum planning for the science classroom.

Prereq: Professional Education Admission; Restricted to students with curriculum Elementary Education major.

ELEMID 362/562 CHILDREN'S LITERATURE 3 u

A study of literature for older children including fiction and non-fiction. Multi-media as related to literature, selection and usage are also explored.

Prereq: Professional Education Admission; Restricted to students with curriculum Elementary Education major, Emphasis: MC/EA or Library Media Public Special Emphasis or Library Media K-12 Emphasis minor.

ELEMID 363 THE TEACHING OF SOCIAL STUDIES IN THE ELEMENTARY/MIDDLE SCHOOL 3 u

This course prepares preservice teachers to organize the social studies curriculum, construct strategies for instruction and to teach problem solving in the elementary and middle school. Additionally, the course gives attention to methods of pupil assessment, selection of instructional materials, use of different instructional media to facilitate learning among students with a wide range of abilities and various cultural backgrounds.

Prereq: Professional Education Admission; Restricted to students with curriculum Elementary Education major.

ELEMID 365 STRATEGIES FOR TEACHING VISUAL LITERACY 3 u

The pervasiveness of the visual experience in contemporary life is indisputable. Whether one is engaged in the mundane coping with one's surroundings; navigating a lived or virtual setting; acquiring new knowledge or being involved in gaming or entertainment all necessitate certain visual literacy skills. This course is a study of the means and methods of engaging elementary and middle school children in the skills and activities needed to develop the varied literacies needed to engage in their visual world.

Prereq: Admission to Professional Education

ELEMID 424 ELEMENTARY/MIDDLE SCHOOL ART EDUCATION 3 u

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.

Prereq: Restricted to students with professional ed admission.

ELEMID 425 TEACHING MATHEMATICS IN THE ELEMENTARY/MIDDLE GRADES 3 u

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.

Prereq: Completion of MATH 149 with a grade of C or better and admission to Professional Education or BSE Special Education Major with admission to Professional Education

READING

READING 360 READING IN THE ELEMENTARY/ MIDDLE SCHOOL 3 u

This course is designed for the undergraduate student to examine the reading process. The principles and strategies of the approaches to reading instruction, beginning reading instruction, word recognition skills, vocabulary development, and special needs are also examined in detail.

Prereq: Restricted to students with professional ed admission.

READING 361 EMERGENT LITERACY AND BEGINNING READING INSTRUCTION 3 u

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: Restricted to students with Professional Education Admission.

READING 461 REMEDIATION STRATEGIES FOR TEACHING DISABLED READERS 3 u

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: READING 361 and Early Childhood Education Admission

READING 462 LITERACY INSTRUCTION IN THE ELEMENTARY/MIDDLE GRADES 5 u

This course focuses on literacy with emphasis on the interrelatedness of listening, speaking, reading, viewing, visually representing, and writing, as elements of communication. This course also will include an in-depth examination of reading, comprehension, study skills and content reading using children's literature as support. In addition, classroom organization, special needs and assessment will be considered.

Prereq: READING 360 or READING 361

READING 491/691 TRAVEL STUDY *Repeatable* 1-3 u

MIDDLE/SECONDARY EDUCATION

SECNDED 423 MIDDLE/SECONDARY SCHOOL ART EDUCATION 3 u

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: EDFOUND 212 or EDFOUND 222. Restricted to students with professional ed admission.

SECNDED 426/626 METHODS OF TEACHING ENGLISH AND LANGUAGE ARTS 3 u

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: EDFOUND 212. Restricted to students with professional ed admission.

SECNDED 427/627 METHODS OF TEACHING FOREIGN LANGUAGE AND ESL 3 u

An introduction to the principles and techniques of teaching modern foreign languages including English as a second language designed to prepare students for the Teaching Practicum. Emphasis is placed on a communicative approach to lesson planning, classroom instruction and proficiency assessment in accordance with the WI Academic Standards.

Prereq: EDFOUND 212. Restricted to students with admission to

professional ed or Graduate Studies.

SECNDED 428/628 METHODS OF TEACHING MATHEMATICS 3 u

A study of the materials, methods, curriculum and structure of secondary school mathematics. Review of current objectives in secondary school mathematics.

Prereq: EDFOUND 212. Restricted to students with professional ed admission.

SECNDED 429/629 METHODS OF TEACHING SCIENCE 3 u

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: EDFOUND 212. Restricted to students with professional ed admission.

SECNDED 430/630 METHODS OF TEACHING SOCIAL STUDIES 3 u

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: EDFOUND 212. Restricted to students with professional ed admission.

SECNDED 434 METHODS OF TEACHING THEATRE 3 u

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: EDFOUND 212. Restricted to students with professional ed admission.

SECNDED 436 METHODS OF TEACHING GENERAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL 2 u

Required of music education students desiring middle/secondary general licensure. Planning and sequencing classroom music instruction for the general student in middle and high school. Examination of various course options for the general student as well as current approaches, techniques, and materials.

Prereq: Restricted to students with professional ed admission.

SECNDED 440 METHODS OF TEACHING MARKETING EDUCATION 2 u

A practical analysis of the various methods, teaching devices, and sources of information in teaching marketing education. This course involves writing objectives; developing unit and lesson plans; examining core requirements and criteria for a quality marketing education program; utilizing school-based enterprises; and incorporating school-to-work and student organization activities.

Coreq: Nine units of marketing-related courses and admission to professional education.

SECNDED 441 METHODS OF TEACHING ACCOUNTING 2 u

A study of course content in accounting and record keeping 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: ACCOUNT 244 and ACCOUNT 498 or ACCOUNT 701 and ACCOUNT 798. Restricted to students with professional ed admission or consent of instructor.

SECNDED 442 METHODS OF TEACHING COMPUTER APPLICATIONS AND PROGRAMMING 2 u

This course examines the methods of teaching computer-based courses through the study of keyboarding development, curriculum for keyboarding from early elementary grades through post-secondary schools, curriculum and instructional techniques for programming, procedures and standards of assessment, and computer applications including Microsoft Word, Excel, Access, and PowerPoint.

Prereq: COMPSCI 162 or waiver, admission to professional education and ITBE 245 or consent of instructor

SECNDED 444 METHODS OF TEACHING BASIC BUSINESS SUBJECTS 2 u

A study of the current issues and the curriculum affecting basic business subjects. Objectives, methods, and resources are explored through development of a resource unit, lesson plans, and instructional materials.

Prereq: FNBSLW 341 and FNBSLW 301 or ITBE 401/601, one of which may be taken concurrently, and admission to professional education.

SECNDED 450 METHODS: COMMUNICATIVE DISORDERS 3 u

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: EDFOUND 212 or EDFOUND 222 or EDFOUND 478.

SECNDED 466 LITERACY STRATEGIES FOR CONTENT-AREA TEACHERS 3 u

The principles, techniques and materials for literacy instruction in the middle/secondary schools with emphasis on application of skills within the various content areas taught in the secondary schools.

Prereq: EDFOUND 212 or EDFOUND 222 or EDFOUND 478. Restricted to students with professional ed admission.

PRACTICUM

CIFLD 401 DIRECTED TEACHING - ALTERNATIVE PLACEMENT ELEMENTARY SCHOOL 2 u

Professional laboratory experience is provided 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 units of directed teaching on this campus regardless of the number of units earned elsewhere.

Prereq: Restricted to students with Admission to Directed Teaching

CIFLD 402 DIRECTED TEACHING - ALTERNATIVE PLACEMENT MIDDLE SCHOOL 2 u

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 units of directed teaching on this campus regardless of the number of units earned elsewhere.

Prereq: Restricted to students with Admission to Directed Teaching

CIFLD 404 DIRECTED TEACHING - ALTERNATIVE PLACEMENT SECONDARY SCHOOL 2 u

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 units of directed teaching on this campus regardless of the number of units earned elsewhere.

Prereq: Restricted to students with Admission to Directed Teaching

CIFLD 411 DIRECTED TEACHING - ELEMENTARY 2-12 u

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 units of directed teaching on this campus regardless of the number of units earned elsewhere.

Repeatable for a maximum of 18 units in major/degree.

CIFLD 412 DIRECTED TEACHING - MIDDLE SCHOOL 2-12 u

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 units of directed teaching on this campus regardless of the number of units earned elsewhere. Repeatable for a maximum of 18 units in major/degree.

CIFLD 413 DIRECTED TEACHING FOR SPECIAL MINORS 2 u

Offered on a satisfactory/no credit basis only. Teaching under the guidance of supervising teachers in affiliated public schools in special subject areas. Repeatable.

CIFLD 414 DIRECTED TEACHING - SECONDARY 2-12 u

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 units of directed teaching on this campus regardless of the number of units earned elsewhere. Repeatable for a maximum of 18 units in major/degree.

CIFLD 415 DIRECTED TEACHING: EARLY CHILDHOOD/PRE-KINDERGARTEN 3 u

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 units in major/degree.

Prereq: Restricted to students with professional ed admission.

CIFLD 492 FIELD STUDY 1-12 u

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 units in degree.

Prereq: EDFNDPRC 210. Restricted to students with professional ed admission.

DEPARTMENT OF EDUCATIONAL FOUNDATIONS

Phone: 262-472-1380

E-Mail: edfound@uwm.edu

Faculty: Pamela Clinkenbeard, Anne Durst (Chair), Beth King, Mark Jones, Lloyd LaRoque, Scott Peters, Jennifer Petersen, Eileen Schroeder, Mark Schroeder, Amy Schuffelton, Ellen Smith, Gregory Valde.

The Department of Educational Foundations offers electives and required courses that are taken by those seeking teacher licensure. A 24/26 hour minor is offered in Library Media. This program is designed to prepare students to be public librarians and librarians in the fields of art, business, engineering, finance, industry, law, medicine, museums, music, and vocational technical settings as well as school librarians on the K-12 level.

MINOR/EMPHASES

LIBRARY SCIENCE MINOR

MINOR - 24 UNITS

1. LIBMEDIA 343, OR ENGLISH 310, LIBMEDIA 350, AND ELEMID 362
2. EDFNDPRC 411, LIBMEDIA 434, LIBMEDIA 440, LIBMEDIA 451 AND LIBMEDIA 454

LIBRARY MEDIA K-12 MINOR

MINOR - 21 UNITS

1. LIBMEDIA 343, OR ENGLISH 310, LIBMEDIA 350, AND EMMID 362
2. LIBMEDIA 434, LIBMEDIA 440, LIBMEDIA 451 AND LIBMEDIA 454

Please note, to receive Library Media (initial) K-12 licensure with your secondary or elementary major, you need to complete all courses for the Library Media minor plus two practicum experiences (LIBMEDIA 793E and LIBMEDIA 793S).

COURSE DESCRIPTIONS**FOUNDATIONS (EDFOUND)****EDFOUND 243 FOUNDATIONS OF EDUCATION IN A PLURALISTIC SOCIETY** *GI/Diversity* 3 u

This course is designed to prepare students to understand and teach in school settings with diverse populations. Attention will be directed to major educational issues, the experiences of students from diverse backgrounds, and the role of the teacher in a pluralistic society. Through an emphasis on historical, cultural, and sociological perspectives, students will understand how issues of diversity have shaped the educational experiences of different groups of Americans. For those seeking licensure in education, concurrent enrollment in CIFLD 210 or SPECFLD 210 and EDFOUND 212 or EDFOUND 222.

LIBRARY/MEDIA**LIBMEDIA 201 INDIVIDUALIZED LEARNING SYSTEM IN EDUCATIONAL MEDIA (ILSEM)** 1 u

Offered on a satisfactory/no credit basis only. ILSEM is a modular individualized learning system designed to present students with exploratory and hands-on practical experiences at the introductory level with classroom technologies for print, graphics and visual communication, and related software and web-based resources.

EDFOUND 212 EDUCATIONAL PSYCHOLOGY 3 u

This course is designed primarily for secondary school teachers. Among the areas considered are the psychology of teaching, learning theories, memory, development, intelligence, creativity, individual differences, motivation, and classroom management.

Coreq: EDFOUND 243 and EDFNDPRC 210, Pass two portions of PPST and 2.75 GPA.

EDFOUND 214 PORTFOLIO DEVELOPMENT I 1 u

This course provides a hybrid course format (online & face-to-face) for students who need to fulfill the preprofessional portfolio requirement for admission to professional education. It is designed to assist students in developing a Phase 2 developmental preprofessional portfolio aligned with University of Wisconsin-Whitewater's College of Education (COE) conceptual framework and Wisconsin Department of Public Instruction's (DPI) standards and assessment categories. Students will also be instructed in development of the basic preprofessional requirements (philosophy statement, key/seminal artifacts, and reflective statement(s)).

Prereq: 2.75 cum GPA on a minimum of 12 units, passing score on a minimum of two parts of the PPST, attendance at a Phase I Meeting, official waiver/substitution for EDFNDPRC 210 or completed EDFNDPRC 210 at another campus or completed EDFNDPRC 210 at UWW prior to Fall 2003 or completed EDFNDPRC 210 at UWW but did not pass the Phase 2 portfolio, official waiver/substitution, completion or currently enrolled in EDFOUND 243 and official waiver/substitution, completion or currently enrolled in EDFOUND 212 or EDFOUND 222.

EDFOUND 222 CHILD DEVELOPMENT 3 u

A developmental study of the child from conception to the onset of puberty, including physical, psychosocial and cognitive growth.

Prereq: Concurrent enrollment in CIFLD 210 or SPECFLD 210 and EDFOUND 243.

EDFOUND 230 INTRODUCTION TO HUMAN DEVELOPMENT *GI* 3 u

The focus of this course is the study of human development and change throughout the entire lifespan from psychological, sociological, and biological perspectives.

EDFOUND 341 URBAN EDUCATION: ISSUES AND POLICIES *Diversity* 3 u

This course introduces students to important issues and policies that influence urban schools. It provides a deeper understanding of the difficulties schools, parents, children and teachers face in making American schools a truly equitable institution. The course is suitable for future teachers and policy professionals interested in the social, political, and economic factors that shape urban schooling. Unreq: POLISCI 341

EDFOUND 342 URBAN EDUCATION SERVICE LEARNING 3 u

Edfound 342 prepares students to work more effectively with urban students, including economically disadvantaged students, immigrant students, and children and youth of color. The course includes a 50 hour service component, in addition to academic coursework.

EDFOUND 410 CURRENT TOPICS IN EDUCATION 1-3 u

An in-depth examination of a single current topic of interest to preservice teachers seeking licensure in Early Childhood through Grade 12. Topics will vary from semester to semester, and may include, for example, discussions of national curriculum standards for school subjects, assessment issues, intervention, etc.

Prereq: Admission to Professional Education Unreq: CIGENRL 410

EDFOUND 423 MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION 3 u

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.

EDFOUND 424/624 MEASUREMENT AND EVALUATION IN THE ELEMENTARY SCHOOL 3 u

This class is designed for special education, communicative disorders, and elementary education majors. It includes testing, measurement, and evaluation of student progress in multiple contexts. Teacher testing, assessment, and decision making in the school environments are emphasized as well as examining traditional and performance assessment strategies. Basic statistical procedures, the use and interpretation of standardized tests, appropriate use of non-testing techniques are covered as well as various grading and reporting systems.

Prereq: Jr or sr st. Restricted to students with professional ed admission.

EDFOUND 425/625 MEASUREMENT AND EVALUATION IN THE SECONDARY SCHOOL 3 u

This class is designed for special education, communicative disorders and secondary education majors. It includes testing, measurement, and evaluation of student progress in multiple contexts and subject areas. Teacher testing, assessment, and decision making in the school environments are emphasized as well as examining traditional and performance assessment strategies. Basic statistical procedures, the use and interpretation of standardized tests, appropriate use of non-testing techniques are covered as well as various grading and reporting systems specific to the secondary school setting.

Prereq: Jr or sr st. Restricted to students with professional ed admission.

EDFOUND 472/672 MODELS OF ACCELERATED CLASSROOM LEARNING 3 u

This course is intended to instruct teachers how to use the latest academic acceleration learning theories and techniques in the classroom and in the larger K-12 education context. Topics will range from acceleration within individual classrooms to school district acceleration policies and practices.

EDFOUND 475/675 UNDERSTANDING AND DEALING WITH DISRUPTIVE CLASSROOM BEHAVIOR 3 u

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.

EDFOUND 481/681 HUMAN ABILITIES AND LEARNING 3 u

This course is designed to help educators comprehend and apply the fundamental psychological principles underlying the teacher-learning process. Among the areas considered are motivation, classroom management, instructional applications, individual differences and creativity. Prereq: Pass two portions of PPST or professional ed admission or consent of Department Chair.

EDFOUND 482/682 EDUCATIONAL STATISTICS 3 u

This course is designed for students at the senior or graduate level who find it necessary to be an educated consumer of statistical information. This is designed to be a first course on this topic. Major areas of study include gathering/organizing data, probability, inferential techniques (t-test, ANOVA, follow-up tests, correlation, and regression), non-parametric techniques (chi-square test), and single subject designs.

EDFNDPRC 210 INTRODUCTION TO EDUCATION AND TEACHING 3 u

This course introduces prospective teachers to the teaching profession, educational philosophies, and the structure of schools. It includes a fieldwork component that complements classroom instruction. Offered on a letter grade basis only. Repeatable.

Coreq: EDFOUND 243 and EDFOUND 212 or EDFOUND 222 and student must have passed at least two sections of the PPST and 2.75 GPA based on at least 12 credits of course work or consent of department.

SPECIALIZED STUDIES (EDFOUND)**EDFOUND 490/690 EDUCATION WORKSHOP 1-6 u**

Repeatable for a maximum of 9 units in major/degree.

EDFOUND 491/691 TRAVEL STUDY 1-4 u**EDFOUND 492 FIELD STUDY 1-6 u****EDFOUND 496/696 SPECIAL STUDIES 1-3 u**

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

EDFOUND 498 INDEPENDENT STUDY 1-3 u

Repeatable. Prereq: Sponsorship of instructor and permission of dept.

LIBRARY MEDIA (LIBMEDIA)**LIBMEDIA 343/543 ADOLESCENT LITERATURE AND RELATED MEDIA 3 u**

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: Sophomore standing

LIBMEDIA 350/550 FINDING AND USING INFORMATION 3 u

Support the inquiries, interests and investigations of the community by identifying questions, connecting library members with the information they seek and providing services associated with its use. The course introduces basic reference theory and professional practice, and the tools, information resources and problem solving strategies used by professionals. Prereq: Junior standing

LIBMEDIA 351/551 BUILDING MEDIA COLLECTIONS 3 u

Principles of building and managing collections for all types of libraries. Study of tools used in selection and ensuring access to information for particular purposes and populations. Emphasis will be placed on supporting intellectual freedom. Prereq: Junior standing

LIBMEDIA 434/634 DIGITAL TOOLS FOR LEARNING 3 u

An introduction to digital technologies for accessing, using, creating and communicating information in a variety of formats for enhancing and improving learning. Prereq: Junior standing

LIBMEDIA 440/640 INFORMATION LITERACY 3 u

This course is designed to support development of effective information and technology literacy skills in library users and integration of those skills into the curriculum.

LIBMEDIA 451/651 ORGANIZING INFORMATION 3 u

Learn to describe information resources clearly, assess their information potential, and use strategies and procedures that will help somebody seeking information find what they need. Become familiar with formal and informal strategies for facilitating subject access, such as MARC records, tagging, metadata, controlled vocabularies, abstracting and classification. Address intellectual and practical issues related to creating structured access to information in all formats.. Prereq: Junior standing

LIBMEDIA 454/654 LIBRARY ADMINISTRATION 3 u

The theories, principles and processes underlying the organization and administration of school and public library services: planning, organizing staffing, budgeting, acquiring, and accessing resources, evaluating, scheduling, promoting and marketing, equipping, housing and policy development. Emphasis is on planning, leadership, working toward change and the new roles and responsibilities of the library professional. Prereq: Junior standing

LIBMEDIA 494 SEMINAR 2 u

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: Junior standing

EDFNDPRC 411 PUBLIC LIBRARY ADMINISTRATION PRACTICUM 3 u

Students combine study of public library governance and law, financial management, collection development and programming and knowledge and skills from prior library coursework with experience in a small public library to apply theory to practice. Offered on a satisfactory/no credit grade basis only. Prereq: LIBMEDIA 350, LIBMEDIA 451, LIBMEDIA 454 or cons instr.

EDFOUND 492 FIELD STUDY 1-6 u

Studies designed to increase the student's understanding of an area of library media by reading and travel under the direction of a member of the department. Area of concentration to be approved by the chairperson of the department. Repeatable. Prereq: Jr st or cons instr.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND COACHING

Phone: 262-472-1140

E-Mail: hperc@uwm.edu

Faculty: Steven J. Albrechtsen (Chair), Karen L. Barak, L. Brenda Clayton, Nancy K. Farmer, Ann W. Garvin, Thomas F. Gustafson, Cristy A. Jefson, Guoli Liang, Brandi S. Niemeier, Penny Portman, William A. Skelly, and Kelly S. Witte.

GENERAL EDUCATION requirements include a personal health and fitness course for all University students. Additional opportunities exist for the study of health-related physical fitness and/or participation in team, individual, and high risk adventure sports as leisure-time activities at a beginning or intermediate level. Courses offered are available to all students and promote a knowledge of sports and activities which stress the importance of the benefits derived from regular participation in physical activity.

PHYSICAL EDUCATION MAJOR programs provide opportunities supporting both licensure to teach in the public schools, and preparation for careers in health, physical education, recreation and coaching. There are two physical education major programs: (1) a 54-unit Licensure major that includes course work leading to a broadfield (K-12) Physical Education public school licensure, and (2) a 35-unit Health, Human Performance and Recreation major, requiring an approved minor, that leads to careers in health promotion, human performance, exercise science, recreation and leisure services.

ADAPTED PHYSICAL EDUCATION CERTIFICATE provides a 15-unit 860 certificate leading to an Adapted Physical Education public school license.

MAJOR/EMPHASES

Writing Proficiency Requirement: Students are required to successfully write on a selected topic. This will occur within PEPROF 165 - Introduction to Physical Education. Those who do not pass within PEPROF 165 and transfer students must contact the Department Chairperson for information on alternate examination dates, times, and procedures.

PHYSICAL EDUCATION - LICENSURE EMPHASIS (BSE)

LICENSURE REQUIREMENTS - 35 UNITS

1. EDFOUND 212, EDFOUND 222 AND EDFOUND 423
2. EDFOUND 243 OR EDFOUND 445
3. PEPROF 400 AND SECNDED 466
4. SELECT 2 UNITS FROM EDFNDPRC 210
5. STUDENT TEACHING
 - a. SELECT 6 UNITS FROM PEFIELD 411
 - b. SELECT 6 UNITS FROM PEFIELD 412 OR PEFIELD 414
6. SELECT 3 UNITS FROM PEPROF 492
7. PEPROF 410 RECOMMENDED AS A 2 UNIT ELECTIVE (TO BE USED IN THE MAJOR FOR REQUIREMENT 9) CONCURRENT WITH STUDENT TEACHING

MAJOR - 54 UNITS

1. PEPROF 165, PEPROF 173, PEPROF 177, PEPROF 200, PEPROF 212 AND PEPROF 215
2. PEPROF 240, PEPROF 271, PEPROF 281, PEPROF 371, PEPROF 471 AND HEALTHED 181
3. SELECT 1 UNIT FROM EACH GROUP:
 - GRP A: PEPROF 171 OR PEPROF 178
 - GRP B: PEPROF 172, PEPROF 174 OR PEPROF 210

4. SELECT 2 UNITS FROM COURSES: PEPROF 175, PEPROF 176 OR PEPROF 213
5. SELECT 1 UNIT FROM COURSES LISTED AS PEGNRL (EXCEPT PEGNRL 192 AND COURSES LISTED IN REQUIREMENT 6)
6. SELECT 1 UNIT FROM COURSES: PEGNRL 150, PEGNRL 151, PEGNRL 158, PEGNRL 159, PEGNRL 180, PEGNRL 190, PEPROF 251 OR PEPROF 291
7. PEPROF 314, PEPROF 324, PEPROF 330, PEPROF 340 AND PEPROF 380
8. PEPROF 475 OR PEPROF 478
9. SELECT 5 UNITS APPROVED BY ADVISOR

SWIMMING PROFICIENCY

1. PEGNRL 151 OR PEGNRL 152 OR PEPROF 251 OR PEPROF 291 OR PROFICIENCY TEST

PHYSICAL EDUCATION-HEALTH, HUMAN PERFORMANCE AND RECREATION EMPHASIS (BSE)

DEGREE REQUIREMENTS - 10-16 UNITS

1. EDFOUND 423 OR HEALTHED 471
2. PEPROF 209
3. SELECT 6 - 12 UNITS FROM PEPROF 493

MAJOR - 35 UNITS

1. PEPROF 165, PEPROF 271, PEPROF 371, PEPROF 415, PEPROF 416 AND PEPROF 471
2. SELECT 3 UNITS FROM COURSES HEALTHED 360, HEALTHED 362, HEALTHED 391, SAFETY 201 OR SAFETY 255
3. SELECT 3 UNITS FROM COURSES HEALTHED 465, RECREATN 334, RECREATN 391 OR COACHING 265
4. SELECT 3 UNITS FROM COURSES PEPROF 480, RECREATN 382, RECREATN 388, RECREATN 480, RECREATN 489 OR COACHING 480
5. SELECT 3 UNITS FROM COURSES PEPROF 475 OR RECREATN 360
6. SELECT 5 UNITS IN HEALTH, PHYSICAL EDUCATION, RECREATION OR COACHING APPROVED BY ADVISOR

PROFICIENCY REQUIREMENT

1. PEPROF 281 OR FIRST AID PROFICIENCY
2. CARDIOPULMONARY RESUSCITATION PROFICIENCY
3. AUTOMATIC EXTERNAL DEFIBRILLATION PROFICIENCY
4. WRITING PROFICIENCY PER DEPARTMENT REQUIREMENT

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

COURSE DESCRIPTIONS

All students are required to report to class in attire appropriate to the activity. Students participating in some classes such as the following: archery, bowling, canoeing, golf, skiing, skin and scuba diving are required to pay a fee or provide equipment.

PHYSICAL EDUCATION GENERAL

PEGNRL 103 BEGINNING ARCHERY

GP

1/2 u

An activity course designed to teach the student the fundamental techniques of archery for use as a leisure-time activity.

PEGNRL 104 BEGINNING BADMINTON GP 1/2 u

An activity course designed to teach the student the basic skills, knowledge, strategies, and understandings of badminton.

PEGNRL 108 BEGINNING BOWLING GP 1/2 u

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.

PEGNRL 109 INTERMEDIATE BOWLING GP 1/2 u

A course designed to develop the bowler on the intermediate skill level through intermediate and advanced techniques.

PEGNRL 120 BEGINNING GOLF GP 1/2 u

To learn the basic skills, rules, and etiquette of golf for use as a leisure-time activity.

PEGNRL 121 INTERMEDIATE GOLF GP 1/2 u

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.

PEGNRL 135 BICYCLING GP 1 u

This bicycling course is designed for both the beginner to the intermediate rider. A variety of topics will be included: safety, proper size and riding technique, equipment, repairs and maintenance, basic physiological benefits, cycle touring and route development. Trips will be on low traveled roads and bike paths. Bicycles and helmets are available.

PEGNRL 141 BEGINNING YOGA GP 1/2 u

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.

PEGNRL 142 INTERMEDIATE YOGA GP 1/2 u

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.

PEGNRL 149 BEGINNING COUNTRY WESTERN DANCE GP 2 u

This course is an introduction to contemporary Country Western dance, with selections drawn from an array of continuously emerging line and partner dances, as well as the standard couple dances. Some standard CW couple dances include, but are not limited to Waltz, Polka, Two Step, Triple Two Step, Double Two Step, Progressive Two Step, and Pony.

PEGNRL 150 BEGINNING SWIMMING GP 1/2 u
(ARC III-IV)

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: ARC Level II or equivalent

PEGNRL 151 INTERMEDIATE SWIMMING GP 1/2 u
(ARC V-VI)

An activity course designed to polish the students front crawl and back crawl, as well as develop proficiency in the breaststroke and sidestroke. The butterfly, approach stroke, turns, and surface dives are introduced.

Prereq: ARC Level IV or equivalent

PEGNRL 158 BEGINNING SKIN AND SCUBA DIVING GP 1 u

An activity course emphasizing basic skin and scuba diving knowledge,

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).

PEGNRL 159 BEGINNING CANOEING GP 1 u

An activity course designed to develop techniques and safety skills necessary for river and lake canoeing. Students will be responsible for transportation.

PEGNRL 160 BEGINNING TENNIS GP 1/2 u

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.

PEGNRL 167 BEGINNING WEIGHT TRAINING GP 1/2 u

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.

PEGNRL 170 BEGINNING SELF DEFENSE GP 1/2 u

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.

PEGNRL 175 BEGINNING TAE KWON DO: KARATE GP 1/2 u

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.

PEGNRL 176 INTERMEDIATE TAE KWON DO: KARATE GP 1/2 u

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.

Coreq: PEGNRL 175

PEGNRL 177 INTRODUCTION TO MARTIAL ARTS WEAPONS GP 1/2 u

A course designed to teach beginning martial arts weapon skills. Students will discuss various weapons used in the martial arts and will learn basic skills and techniques in the bo staff and escrima sticks.

Prereq: PEGNRL 175 or consent of instructor

PEGNRL 178 ADVANCED TAE KWON DO GP 1 u

The course is designed to enhance skills learned in the beginning and intermediate classes along with developing more advanced skills. Students will discuss and practice various advanced techniques, skills, strategies and philosophies in martial arts, along with a constant focus on sound structural basics.

Prereq: PEGNRL 176 or consent of instructor

PEGNRL 179 MARTIAL ARTS SPARRING GP 1/2 u

Course focuses on techniques, strategies, and skills to improve self-defense and martial arts competition.

Prereq: PEGNRL 175 and PEGNRL 176 or consent of instructor

PEGNRL 180 OPEN WATER SCUBA "CHECK-OUT DIVES" GP 1 u

An activity course which reviews basic diving and give the student five open water diving experiences. Students will be asked to show skills and knowledge gained in pool and lecture portion of Beginning Skin and Scuba Diving.

Prereq: PEGNRL 158 or consent of instructor

PEGNRL 183 EXERCISEWALKING *GP* 1/2 u
An activity class to teach students a variety of walking styles and training routines. Students develop a program of exercise walking which best fits their lifestyle and physical fitness needs.

PEGNRL 187 MILITARY CONDITIONING I *GP* 1 u
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.

PEGNRL 190 SWIM FOR FITNESS *GP* 1/2 u
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.

PEGNRL 192 PERSONAL HEALTH AND FITNESS FOR LIFE *GP* 1 u
A course which develops students understanding of the importance of a healthy lifestyle, while experiencing the choices available. Students will develop a basic understanding of creating and/or assessing healthy and safe exercise program(s) relative to their goals and needs.

PEGNRL 193 INTERCOLLEGIATE ATHLETIC PARTICIPATION 1 u
PEGNRL 193 is open to all students who are selected to participate on an intercollegiate athletic team at the University of Wisconsin-Whitewater. The student-athlete must participate in the physical activity and lectures pertaining to the preparation of a varsity athletic team for the entire season to receive credit for the class. (May count for degree credits but not credits in a major or minor.)
S/NC grade basis only. Repeatable.

Prereq: Students must take this course during the term that their sport season ends. The student-athlete must be eligible to participate in athletics practice as defined by the Wisconsin Intercollegiate Athletic Conference.

PEGNRL 209 AMERICAN PARTNER DANCE: LINDY, LATIN AND NIGHT CLUB *GP* 3 u
Students enrolling in this course must register with a partner. Students practice partner dancing that evolved from interactions of Americans with African-Americans, Afro-Cubans, and other Caribbean Cultures. American Lindy Hop, Night Club Two Step, Cha Cha, and Mambo/Salsa dances are presented for beginners. Cultural-historical backgrounds, musical accompaniment, gender role expectations, and partnering dance skills are introduced through practice, readings, community outreach, lecture, and assignments.

PEGNRL 490 WORKSHOP 1/2 - 3 u
Repeatable up to 3 units.

PEGNRL 497 EXCHANGE STUDY *Repeatable* .5-12 u

PEGNRL 498 INDEPENDENT STUDY *Repeatable* .5-3 u

PROFESSIONAL PHYSICAL EDUCATION

PEPROF 165 INTRODUCTION TO PHYSICAL EDUCATION 2 u
This course is designed for the beginning student considering a career as a professional physical educator with a Physical Education Broadfield K-12 License or a Health, Human Performance, Recreation major. The class will focus on the development of a physical education philosophy, career orientation, the history of physical education and sport, and the various sub-disciplines related to the field of physical education.

PEPROF 171 FUNDAMENTALS OF FLAG FOOTBALL AND TEAM HANDBALL 1 u

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.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 172 FUNDAMENTALS OF BASKETBALL 1 u
Designed to teach the physical education major/minor the basic skills, knowledge, strategies, and mechanical principles relative to basketball.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 173 FUNDAMENTALS OF TUMBLING 1 u
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.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 174 FUNDAMENTALS OF VOLLEYBALL 1 u
Designed to teach physical education majors/minors the basic skills, knowledge, strategies and mechanical principles relative to volleyball.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 175 FUNDAMENTALS OF BOWLING AND BADMINTON 1 u
Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to bowling and badminton.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 176 FUNDAMENTALS OF ARCHERY AND GOLF 1 u
Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to golf and archery.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 177 FUNDAMENTALS OF TRACK AND FIELD 1 u
Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to track and field.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 178 FUNDAMENTALS OF SOCCER AND SPEEDBALL 1 u
A course designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to soccer and speedball.
Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 200 FUNDAMENTALS OF RHYTHMS 2 u
A course designed to teach movement patterns that will be used in the execution of basic dance steps and dances.
Prereq: Physical Education major, Recreation and Leisure Studies minor, Dance Education minor, or consent of instructor.

PEPROF 209 INVESTIGATING COMMUNITY PROFESSIONS IN PHYSICAL EDUCATION 1 u
This course prepare students majoring in Physical Education, who are not pursuing a teaching license, for the required Internship. This course provides resources and instruction for designing a plan for professional development and field study placement. Students will visit potential Intern

sites, interview professionals and develop a resume. Satisfactory/No Credit grade basis only.

PEPROF 210 FUNDAMENTALS OF SOFTBALL 1 u

Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to softball.

Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 212 FUNDAMENTALS OF APPARATUS 1 u

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.

Prereq: PREPROF 173 and Physical Education Licensure major or Recreation and Leisure Studies minor.

PEPROF 213 FUNDAMENTALS OF TENNIS 1 u

Designed to teach the physical education major/minor the basic skills, knowledge, strategies and mechanical principles relative to tennis.

Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 215 FUNDAMENTALS OF WEIGHT TRAINING AND PHYSICAL FITNESS 1 u

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.

Prereq: Physical Education majors and/or Recreation and Leisure Studies minors.

PEPROF 240 THEORY OF TEAM AND INDIVIDUAL ACTIVITIES 3 u

A course that bridges the gap between participation in and the teaching of team and individual activities.

Prereq: PEPROF 165, 1 credit of Individual Sports PEPROF Series (PEPROF 175, 176, and 213) and 1 credit of Team Sports PEPROF Series (choose from PEPROF 171, 172, 174, 178 and 210)

PEPROF 251 WATER SAFETY INSTRUCTOR GP 3 u

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.

PEPROF 271 STRUCTURE AND FUNCTION OF THE HUMAN BODY 4 u

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 consent of instructor

PEPROF 281 FIRST AID AND C.P.R. 2 u

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.

PEPROF 291 LIFEGUARDING GP 3 u

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.

PEPROF 314/514 TECHNIQUES OF TEACHING DANCE 3 u

A course designed to emphasize techniques of teaching dance and the

organization of rhythms and dance programs for the elementary and secondary levels.

Prereq: PEPROF 200, Junior status, admission to Professional Education, or consent of instructor.

PEPROF 315 PERSONAL TRAINER PROFESSIONAL PREPARATION 3 u

This course is designed to provide theoretical knowledge and practical skills in personal training. Topics include guidelines for instructing safe, effective/purposeful exercise, essentials of client-trainer relationship, conducting health and fitness assessments, and designing/implementing appropriate exercise programming. This course will prepare persons to take the ACE National Certification test. Course fee for certification materials required.

PEPROF 324/524 TECHNIQUES OF TEACHING GYMNASTICS 3 u

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: PEPROF 173, and PEPROF 212 or equivalent

PEPROF 327/527 MOTOR PROGRAMMING FOR EARLY CHILDHOOD 2 u

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: Admission to Professional Education

PEPROF 328 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER 3 u

This course is designed for those who plan to work with children middle childhood/early adolescence. Emphasis will be placed on understanding, planning, and teaching a developmentally appropriate and integrative physical activity for children within these ages.

Prereq: Admission to Professional Education

PEPROF 330 TECHNIQUES OF TEACHING MOVEMENT ACTIVITIES IN ELEMENTARY SCHOOL 3 u

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: Admission to Professional Education, Physical Education - Licensure majors, and EDFOUND 222 and EDFOUND 212 or EDFOUND 481 and PEPROF 240. Coreq: PEPROF 340, PEPROF 380 and PEPROF 492.

PEPROF 340 TEACHING PHYSICAL EDUCATION IN SECONDARY SCHOOLS 3 u

A course which combines the theory of curriculum development (games stages, cooperative/adventure, and fitness) with planning and conducting lessons and developing unit plans suitable for 5-12 grade students in physical education.

Prereq: PEPROF 240. Coreq: PEPROF 330 and PEPROF 380 and PEPROF 492

PEPROF 371/571 KINESIOLOGY 3 u

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: PEPROF 271.

- PEPROF 380/580 PERCEPTUAL MOTOR ACTIVITIES FOR YOUNG CHILDREN** 3 u
A study of motor maturation, developmental variances affecting motor efficiency, gross motor assessment instruments, and prescriptive techniques involving perceptual motor activities.
Prereq: Admission to Professional Education, Physical Education - Licensure majors, and EDFOUND 222 and EDFOUND 212 or EDFOUND 481 and PEPROF 240. Coreq: PEPROF 330, PEPROF 340 and PEPROF 492.
- PEPROF 400/600 METHODS OF TEACHING PHYSICAL EDUCATION** 3 u
This course focuses on the teaching and learning process including selection of content, methods of presentation, class management, supervision, community influences, curriculum planning, professional responsibilities and establishing an environment for learning which includes conflict resolution.
Prereq: Admission to Professional Education, Physical Education - Licensure majors, and EDFOUND 222 and EDFOUND 212 or EDFOUND 481 and PEPROF 240.
- PEPROF 410 STUDENT TEACHING SEMINAR- PHYSICAL EDUCATION** 2 u
Restricted to students currently enrolled in Directed Teaching.
- PEPROF 415/615 HEALTH APPRAISAL AND EXERCISE TESTING** 3 u
Theoretical considerations and practical applications of health appraisal and exercise testing. Includes the use of written health appraisal instruments, tests of muscular strength, endurance and flexibility, tests of aerobic capacity, pulmonary function testing, electrocardiography and graded exercise testing. Applications for healthy populations, medical populations and special populations.
- PEPROF 416/616 EXERCISE PRESCRIPTION AND LEADERSHIP** 3 u
Theoretical considerations and practical applications of exercise prescription and leadership. Includes risk stratification, prescription techniques, program progression, exercise leadership, health counseling and program administration. Applications for healthy populations, medical populations and special populations.
- PEPROF 471/671 PHYSIOLOGY OF EXERCISE** 3 u
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: PEPROF 271.
- PEPROF 472/672 ADVANCED PHYSIOLOGY OF EXERCISE** 3 u
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: PEPROF 471.
- PEPROF 475/675 ADAPTED PHYSICAL EDUCATION** 3 u
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.
- PEPROF 480/680 HEALTH PROMOTION MANAGEMENT** 3 u
Theoretical considerations and practical applications of management, operations and programs for health promotion organizations. Begins with the planning, design, financing and construction of health promotion facilities. Includes the hiring and organization of staff members, the development and marketing of special programs and the administration and finance of health promotion organizations.
- PEPROF 490/690 WORKSHOP** 1/2-6 u
Repeatable for a maximum of 9 units in major/degree.
- PEPROF 492 FIELD STUDY** 1-12 u
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: Junior or Senior status and consent of department chair
- PEPROF 493 HEALTH, HUMAN PERFORMANCE AND RECREATION INTERNSHIP** 6-12 u
The internship is a culminating learning experience for students studying in Health, Physical Education, and Recreation. This experience allows students the opportunity to practice the application of theory and apply the knowledge acquired through academic preparation. The internship is an in-depth supervised work and study experience, preferably at the supervisor or mid-management level, where the student has a degree of responsibility for planning, directing and supervising the work of others. A desired result of this course design is to stimulate good judgement and sound decisions while improving problem solving, communication, human development and relation building skills.
Prereq: PEPROF 209, within 9 credits of completing major and minor, application materials filed by due dates semester prior to placement, and consent of program coordinator
- PEPROF 494/694 SEMINAR** 1-3 u
Repeatable. Prereq: Junior status or consent of instructor
- PEPROF 496/696 SPECIAL STUDIES** *Repeatable* 1/2-3 u
- PEPROF 498 INDEPENDENT STUDY** 1-3 u
Repeatable for a maximum of 3 units in major/degree.
Prereq: Consent of department chair. Restricted to students with a minimum 2.75 cumulative GPA.
- HEALTH MINORS/CERTIFICATE**
All three programs offered in health utilize holistic, integrated approaches for the development of effective teaching/facilitation skills, knowledge, and attitudes for disease prevention, health maintenance, and optimal mental/emotional, physical, and spiritual growth.
- **HEALTH PROMOTION MINOR:** Most often serves as a minor for Physical Education (Health, Human Performance and Recreation emphasis), Social Work, Psychology, and Business students who wish to work with lay and/or professional populations. The Health Promotion minor does not meet requirements for teaching licensure in Health Education.
 - **HEALTH EDUCATION MINOR:** Serves Physical Education - Licensure majors and Elementary/Middle School licensure majors. Courses that are used to meet Health Education *minor* requirements may not be used to meet *major* course requirements.
 - **HEALTH EDUCATION CERTIFICATE PROGRAM (ADD-ON LICENSURE PROGRAM):** Serves as the existing structure for students wishing to acquire the Health Education add-on licensure. A health minor is not declared for this program. This

program does not show up on an Advising Report, however, a student who successfully completes the program will receive a Health Education Certificate from the Department of Health, Physical Education, Coaching and Recreation. This certificate program will be identified on a student's transcripts and will then qualify the student for recommendation to the Wisconsin Department of Public Instruction for licensure in Health Education.

COURSE DESCRIPTIONS

HEALTH EDUCATION

HEALTHED 181 CONTEMPORARY HEALTH 2 u

An investigation of health areas and behaviors as they relate to the college student.

Prereq: PEGNRL 192

HEALTHED 280 INTRODUCTION TO HEALTH EDUCATION AND PROMOTION 2 u

This course is the designated gateway course required for students who choose to minor in health education or health promotion and should be taken within the first 6 units of declaring a health minor or pursuing health licensure requirements. It serves as an introduction to knowledge, research, and application of skills necessary for helping others with health behavior changes, while creating healthier environments in the home, school, workplace, and community.

HEALTHED 340/540 SECONDARY HEALTH EDUCATION 3 u

An introduction to various health belief models and philosophies with particular emphasis on health education content at the secondary level.

HEALTHED 341/541 YOGA/STRESS REDUCTION 2 u

A course designed to help students and professionals learn to effectively handle stress through specific Yoga training and mind/body connections.

Prereq: Junior status.

HEALTHED 344/544 PREK-12 SEXUALITY EDUCATION 3 u

This course will explore current practices associated with teaching sexuality education to preK-12 students. This pedagogy class will explore various sexuality education paradigms as well as address the complexities of teaching this area of study, with the goal of increasing the competency and comfort level of future teachers.

HEALTHED 360/560 CURRENT TOPICS IN HEALTH AND WELLNESS 3 u

The course examines, interprets, and evaluates wellness as it relates to current topics in health, disease prevention, health promotion, and health education. Topics included are cardiovascular health, alcohol and other drugs, nutrition concepts, health hazards, tobacco, and topics related to public health such as physical activity and behavior changes.

Prereq: Junior status or consent of instructor

HEALTHED 362/562 STRESS MANAGEMENT 3 u

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: Sophomore status

HEALTHED 382/582 ELEMENTARY HEALTH EDUCATION 2 u

Teaching and learning experiences in selected content areas of health education. Designed for the elementary teacher.

Prereq: Admission to Professional Education

HEALTHED 391/591 NUTRITION FOR HEALTH 3 u

The course helps students plan, evaluate, and analyze dietary intake based on sound nutritional guidelines, principles, and knowledge for the purpose of health enhancement, improved mental and physical performance, and decreasing risk of disease.

Prereq: Sophomore status

HEALTH EDUCATION MINOR

MINOR - 22 UNITS

1. HEALTHED 181, HEALTHED 280, HEALTHED 360, AND HEALTHED 445
2. HEALTHED 280 AND EITHER HEALTHED 340 (FOR PE K-12 LICENSURE MAJORS) OR HEALTHED 382 (FOR ELEMENTARY EDUCATION LICENSURE MAJORS)
3. SELECT 8 OR MORE UNITS FROM COURSES:
HEALTHED 181, HEALTHED 340, HEALTHED 341, HEALTHED 344, HEALTHED 362, HEALTHED 382 (ELEMENTARY/MIDDLE MAJORS MAY NOT TAKE 382 AS AN ELECTIVE), HEALTHED 391, HEALTHED 440, HEALTHED 471, HEALTHED 490, HEALTHED 492, HEALTHED 494, HEALTHED 496, OR HEALTHED 498
4. SELECT 0 OR MORE UNITS FROM COURSES
PEPROF 271, SAFETY 201, SAFETY 255, SOCWORK 301, SOCWORK 302, SOCWORK 303, SOCWORK 341, OR SOCIOLOGY 410

UNIQUE REQUIREMENT

1. HEALTHED 445

HEALTH PROMOTION MINOR

MINOR - 22 UNITS

1. HEALTHED 181, HEALTHED 280, HEALTHED 360, HEALTHED 362 AND HEALTHED 470
2. SELECT 6 OR MORE UNITS FROM COURSES:
PEPROF 271, PEPFOP 415, PEPFOP 416, HEALTHED 341, HEALTHED 391, HEALTHED 440, HEALTHED 465, HEALTHED 471, HEALTHED 490, HEALTHED 492, HEALTHED 494, HEALTHED 496, OR HEALTHED 498
3. SELECT 0 OR MORE UNITS FROM COURSES
PSYCH 104, PSYCH 451, SAFETY 201, SAFETY 255, SAFETY 450, SOCWORK 301, SOCWORK 302, SOCWORK 303, SOCWORK 341, SOCIOLOGY 410, COMM 228

HEALTH EDUCATION CERTIFICATE

1. HEALTHED 181, HEALTHED 280, HEALTHED 360, AND HEALTHED 445
2. HEALTHED 382 OR HEALTHED 340
3. SELECT 8 OR MORE UNITS FROM COURSES:
HEALTHED 340, HEALTHED 341, HEALTHED 344, HEALTHED 362, HEALTHED 382, HEALTHED 391, HEALTHED 440, HEALTHED 471, HEALTHED 490, HEALTHED 492, HEALTHED 494, HEALTHED 496, OR HEALTHED 498
4. SELECT 0 OR MORE UNITS FROM COURSES:
PEPROF 271, SAFETY 201, SAFETY 255, SAFETY 450, SOCWORK 301, SOCWORK 302, SOCWORK 303, SOCWORK 341, OR SOCIOLOGY 410

HEALTHED 400/600 ADVANCED STRESS MANAGEMENT 3 u

The class emphasis is on 1) facilitating stress management in others, 2) coping with "deep" stress such as trauma and low self-esteem, and 3) alternative avenues for coping such as Tai Chi, yoga, art therapy, and meditation. This course is appropriate for anyone in the helping professions.

Prereq: HEALTHED 362/562 or SOCWORK 303 or consent of instructor

HEALTHED 445/645 TEACHING HEALTH EDUCATION 3 u

A study of philosophy, trends and teaching-learning strategies. Emphasis will be placed on developing and utilizing models and strategies in health education.

Prereq: HEALTHED 340

HEALTHED 465/665 HEALTH PROMOTION STRATEGIES 3 u

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 status or consent of instructor

HEALTHED 470/670 FACILITATING HEALTH BEHAVIOR 3 u

This course is designed as a capstone experience for non-teaching health minor students who have had at least 12 credits of work in the health minor. This course offers opportunities to gain the skills necessary for helping others with health behavior changes, while creating healthier environments in the home, workplace and community.

Prereq: HEALTHED 360/560 or consent of instructor

HEALTHED 471/671 RESEARCH IN HEALTH AND PHYSICAL ACTIVITY 3 u

The content of this course is from a psychophysiological perspective. Emphasis will be placed on research involving the effects of physical activity on psychological states and traits as well as how affect influences performance. Topic will include research design, motivation and adherence, attention, arousal, overtraining, behavior change, personality dynamics, and mental health.

Prereq: Junior status or consent of instructor

HEALTHED 490/690 WORKSHOP 1-6 u

Repeatable for a maximum of 6 units in major/degree.

HEALTHED 492 FIELD STUDY 1-12 u

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: Junior status or consent of instructor

HEALTHED 494/694 SEMINAR 1-3 u

Repeatable. Prereq: Junior status or consent of instructor

HEALTHED 496/696 SPECIAL STUDIES Repeatable 1-3 u**HEALTHED 497 EXCHANGE STUDY Repeatable 1-12 u****HEALTHED 498 INDEPENDENT STUDY 1-3 u**

Repeatable for a maximum of 3 units in major/degree.

Prereq: department consent. Restricted to students with a Health or Health Education minor and a 2.75 cumulative GPA.

RECREATION AND LEISURE STUDIES MINORS

Recreation and leisure service professionals require educational training that

is both generalized in the field of recreation, and specialized for unique populations, settings, or tasks. Areas of specialization fall within areas of business, education, sociology, social work, gerontology, psychology, physical education, public administration, communications, geography, theatre, art, music and others, and can be gained through elective course work or major studies. The Recreation and Leisure Studies minors are interdisciplinary and designed to enhance the student's major area of professional preparation while expanding employment opportunities to include professional opportunities in recreation and leisure services.

RECREATION AND LEISURE STUDIES EDUCATION MINOR

MINOR - 22 UNITS

1. RECREATN 232 AND RECREATN 334
2. SELECT 3 UNITS FROM COURSES RECREATN 382, RECRE-ATN 388, RECREATN 480 OR RECREATN 489
3. SELECT 2-8 UNITS OF ELECTIVES APPROVED BY RECREATION COORDINATOR
4. SELECT 6 - 12 UNITS FROM RECREATN 492

RECREATION AND LEISURE STUDIES LETTERS AND SCIENCES MINOR

MINOR - 22 UNITS

1. RECREATN 232 AND RECREATN 334
2. SELECT 3 UNITS FROM COURSES: RECREATN 382, RECRE-ATN 388, RECREATN 480 OR RECREATN 489
3. SELECT 0 - 6 UNITS FROM RECREATN 492
4. SELECT 5-11 UNITS OF ELECTIVES APPROVED BY RECREATION COORDINATOR

COURSE DESCRIPTIONS**RECREATION AND LEISURE STUDIES****RECREATN 232 INTRODUCTION TO RECREATION AND LEISURE 2 u**

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.

RECREATN 320/520 LEADERSHIP AND FACILITATION OF RECREATIONAL GAMES 3 u

This course will assist students to develop their knowledge, skills, and abilities as facilitators and leaders of recreational activities. Readings, assignments, and lecture will focus on leadership and facilitation theories and techniques. A variety of recreational activities will be introduced in class.

RECREATN 334/534 RECREATION PROGRAMMING 3 u

Students learn processes involved in assessing recreation participants' needs, program development, goal setting, program implementation, and evaluation. Skills are enhanced through group process experiences and on campus programming.

Prereq: RECREATN 320 or consent of instructor with previous recreation leadership experience (ex. youth resident camp counselor or Resident Assistant experience).

RECREATN 360/560 AGING AND LEISURE 3 u

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.

**RECREATN 382/582 ADVENTURE AND SPORT
TOURISM****3 u**

The nature of sport and adventure program areas will be examined in relation to tourism, perhaps the largest segment of the for-profit sector of the recreation profession. This course introduces students to knowledge, skills, and considerations relevant to tourism professionals operating in adventure and sport tourism settings. Participant motivation, global tourist destinations, and management concerns will be considered through readings and case studies.

Prereq: Junior status

RECREATN 388 SPECIAL EVENTS MANAGEMENT**3 u**

This course examines local, national and international special events from an international perspective. Skills and knowledge required by professionals involved in Event Management (such as conceptualization, project management, staffing, budget operation, marketing plans, sponsorship, facility operation, and risk management) will be addressed through readings, lectures, and assignments.

Prereq: Junior status

**RECREATN 391/591 OUTDOOR RECREATION
LEADERSHIP****3 u**

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.

**RECREATN 480/680 LEGAL ASPECTS OF SPORT AND
RECREATION ACTIVITIES****3 u**

This course will examine the complexities of sport and recreation litigation, primarily focused on educational institutions. Students will use this knowledge to aid their professional growth in the fields of sport and recreation activity. Topics such as risk management, contracts, liability, and policy development will provide a better understanding of the law with respect to challenges encountered by sport and recreation professionals.

Prereq: Junior status or consent of instructor Unreq: COACHING 480/680

**RECREATN 489/689 MANAGING RECREATIONAL
SPORTS AND PROGRAMS****3 u**

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.

Prereq: Junior status or enrolled in the recreation minor, or instructor consent

RECREATN 490/690 WORKSHOP**1-3 u**

Repeatable for a maximum of 6 units in major/degree.

RECREATN 492 FIELD STUDY: RECREATION**1-12 u**

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 units in major/degree.

Prereq: Junior status and consent of department chair

**RECREATN 494/694 SEMINAR IN RECREATION/
LEISURE STUDIES****1-3 u**

Repeatable for a maximum of 6 units in major/degree.

Prereq: Junior status and consent of department chair

RECREATN 496/696 SPECIAL STUDIES**1-3 u**

Repeatable for a maximum 6 units in major/degree.

RECREATN 498 INDEPENDENT STUDY**1-3 u**

Repeatable for a maximum 6 units in major/degree.

Prereq: department consent. Restricted to students with a Recreation minor and a 2.75 cumulative GPA.

ATHLETIC COACHING EDUCATION MINOR

The minor in coaching provides professional preparation for the coaching of interscholastic athletics and sports. The imbalance between trained coaches and the number of coaching positions available makes the minor an attractive addition to many majors.

MINOR - 22 UNITS

1. COACHING 240

2. COACHING 250, COACHING 255, AND COACHING 256

3. COACHING 460, AND COACHING 461

4. SELECT 2-3 UNITS FROM COACHING 492

5. SELECT 2-4 UNITS FROM COURSES:

COACHING 350 THROUGH COACHING 361

6. SELECT 3-6 UNITS FROM COURSES

COACHING 252, COACHING 260, COACHING 265,

COACHING 463, COACHING 464, COACHING 470,

COACHING 480, COACHING 490, COACHING 496,

COACHING 498, COACHING 361 OR PEPROF 271,

PEPROF 281, PEPROF 371, OR PEPROF 471. THERE

IS A LIMIT OF 3 UNITS THAT MAY BE TAKEN IN

EACH OF THE FOLLOWING COURSES: COACHING

490, COACHING 496, OR COACHING 498.

UNIQUE REQUIREMENT

1. PEPROF 271, BIOLOGY 120 OR BIOLOGY 360

COURSE DESCRIPTIONS**ATHLETIC COACHING EDUCATION****COACHING 100 WIAA COACHING CERTIFICATION:
COACHING PRINCIPLES/SPORT FIRST AID** **3 u**

The course serves as the Wisconsin Interscholastic Athletic Association (WIAA) certified coaching course for students who are not seeking licensure in education. The course will develop a basic knowledge of sport first aid and coaching principles. This course does not count toward the coaching minor.

COACHING 240 INTRODUCTION TO COACHING **2 u**

A course designed to introduce undergraduate students to the profession of coaching. The nature of the profession, qualifications, skills and issues relative to the profession will be explored.

**COACHING 250 APPLICATION OF MECHANICAL
PRINCIPLES TO COACHING** **2 u**

This course is designed as an introductory course to the fundamentals of movement.

Prereq: PEPROF 271, BIOLOGY 120 or BIOLOGY 360

**COACHING 252 SPORTS PEDAGOGY: TEACHING
AND COACHING SPORTS SKILLS** **3 u**

This course introduces the student to motor learning/motor development, teaching styles, understanding and writing of teaching/coaching objectives, and the planning, teaching and organization of sports skills. It will also involve the student in a teaching practicum.

**COACHING 255 CONDITIONING FOR
INTERSCHOLASTIC SPORTS** **2 u**

This course is designed to give the student the knowledge needed to develop an agility, endurance, and strength program for all sports.

Prereq: COACHING 250

- COACHING 256 PSYCHO-SOCIAL ASPECTS OF COACHING** 2 u
A study of the social and psychological factors that impact athletic performance. Theoretical and applied perspectives will be explored from a coaching framework.
- COACHING 260 HISTORY AND SOCIAL ASPECTS OF ATHLETICS** 3 u
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.
- COACHING 265 COACHING OF COMMUNITY SPONSORED SPORTS** 3 u
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.
- COACHING 350 COACHING FOOTBALL** 2 u
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.
- COACHING 351 COACHING OF BASKETBALL** 2 u
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.
- COACHING 352 COACHING OF BASEBALL** 2 u
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.
- COACHING 353 COACHING OF TRACK AND FIELD/ CROSS COUNTRY** 3 u
Primarily designed for men and women who wish to become track and field /cross country coaches. The organization, motivation, coaching techniques and training programs for each event /sport will be covered by lecture and demonstration.
- COACHING 354 COACHING OF SWIMMING** 2 u
To provide candidates with the skills and knowledge necessary to coach a swimming team. All aspects of coaching philosophy, techniques, training, stroke analysis, organization, and management will be covered by lecture, demonstration, observation, and participation.
Prereq: Ability to swim at the intermediate level.
- COACHING 356 COACHING OF WRESTLING** 2 u
This course is designed to provide the knowledge and skills essential to the coaching of competitive wrestling.
- COACHING 359 COACHING OF VOLLEYBALL** 2 u
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.
- COACHING 360 COACHING OF SOCCER** 2 u
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.
- COACHING 361 COACHING OF SOFTBALL** 2 u
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.
- COACHING 460/660 ORGANIZATION AND ADMINISTRATION OF INTERSCHOLASTIC ATHLETICS** 2 u
This course is designed for those individuals who wish to become athletic coaches or administrators. The organization and administration of an athletic program will be covered.
Prereq: COACHING 240, COACHING 250, COACHING 255, COACHING 256, COACHING 461/661, and 2 units from courses: COACHING 350 through COACHING 361
- COACHING 461/661 PREVENTION AND CARE OF ATHLETIC INJURIES** 2 u
This course is designed to give the student the knowledge needed to develop agility, endurance, and strength programs for all sports.
Prereq: COACHING 250
- COACHING 463 CHILDREN AND SPORTS** 3 u
Explore the historical perspective and the present controversy surrounding the involvement of children in competitive sport. Future directions for competitive sport for children will be a major focus.
- COACHING 464 MANAGING ATHLETIC PRACTICE SESSIONS** 2 u
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: PSYCH 211 or equivalent and consent of instructor
- COACHING 470 PRACTICUM IN ATHLETIC TRAINING** 1-4 u
A course designed to give the prospective student trainer actual experience in the training room, working with athletes.
Prereq: COACHING 461, PEPROF 271, and PEPROF 281. May be retaken.
- COACHING 480/680 LEGAL ASPECTS OF SPORT AND RECREATION ACTIVITIES** 3 u
This course will examine the complexities of sport and recreation litigation, primarily focused on educational institutions. Students will use this knowledge to aid their professional growth in the fields of sport and recreation activity. Topics such as risk management, contracts, liability, and policy development will provide a better understanding of the law with respect to challenges encountered by sport and recreation professionals.
Prereq: Junior status or consent of instructor Unreq: RECREATN 480/680
- COACHING 490/690 WORKSHOP** 1-6 u
Repeatable for a maximum of 6 units in major/degree
- COACHING 492 FIELD STUDY** 2-3 u
Field study in coaching provides undergraduate students with a supervised capstone experience in coaching. Students will be placed with department approved university/public/private/community teams/programs to obtain practical experience in the sport(s) of their choice. The site selection will be consistent with the professional objectives selected by the student.
Prereq: Consent of program coordinator

COACHING 496/696 SPECIAL STUDIES

1-4 u

a leadership minor. Students seeking an Army commission must have a minimum of two years remaining in their academic program - undergraduate or graduate.

COACHING 498 INDEPENDENT STUDY IN INTERCOLLEGIATE OR INTERSCHOLASTIC ATHLETICS

1-4 u

Repeatable for a maximum of 4 units in major. Prereq: Consent of department chair

COURSE DESCRIPTIONS

DIRECTED TEACHING

PEFIELD 411 DIRECTED TEACHING PHYSICAL EDUCATION-ELEMENTARY SCHOOL

1-12 u

Prereq: PEPROF 330/530, PEPROF 340/540, PEPROF 380/580, PEPROF 400/600, PEPROF 492 S/NC, and successful completion of courses in major.

PEFIELD 412 DIRECTED TEACHING PHYSICAL EDUCATION-MIDDLE SCHOOL

1-12 u

Prereq: PEPROF 330/530, PEPROF 340/540, PEPROF 380/580, PEPROF 400/600, PEPROF 492 S/NC, and successful completion of courses in major.

PEFIELD 414 DIRECTED TEACHING PHYSICAL EDUCATION-SECONDARY

1-12 u

Prereq: PEPROF 330/530, PEPROF 340/540, PEPROF 380/580, PEPROF 400/600, PEPROF 492 S/NC, and successful completion of courses in major.

DEPARTMENT OF LEADERSHIP, MILITARY SCIENCE AND AEROSPACE STUDIES

Phone: 262-472-1541

E-Mail: ROTC@uwm.edu

Faculty: ARMY: Thomas Fisher, Michael D. Nyenhuis, Shawn C. Simmons, David C. Shono, Brian P. Wolhaupter (Co-Chair) AIR FORCE: Todd D. Berge (Co-Chair), Barry L. Crook, Jesse P. Somann

The Leadership, Military Science and Aerospace Studies Department offers an interdisciplinary study of leadership which is available to any student on a non-discriminatory basis and may be taken without incurring a military service obligation. Students may pursue one or both of the departmental programs (I) LEADERSHIP MINOR, (II) COMMISSION in the US Army, Army Reserve or Army National Guard, or (III) COMMISSION in the US Air Force.

I. LEADERSHIP AND MILITARY SCIENCE MINOR

This interdisciplinary minor is for students desiring instruction, practical experience and credentials in leadership. The courses studied provide students with the specialized leadership knowledge and training required to be a successful supervisor, manager or administrator and is universally applicable across a broad spectrum of professions. The two available options provide additional specialization for students with interests in either a civilian or military career. The completion of this program provides college students with a valuable minor and valuable credentials which are in high demand by future employers. Students enrolled in a business related major should definitely consider this complementary minor as a valuable credential for entry into their chosen career field.

Academic Eligibility

No specific academic eligibility requirements exist for students who pursue

MINOR - 21 UNITS

1. COMPLETE ONE GROUP OF COURSES FOR EITHER CIVILIAN LEADERSHIP, MILITARY LEADERSHIP-ARMY OR MILITARY LEADERSHIP-AIR FORCE
 - a. LDRSHP 210, LDRSHP 211, LDRSHP 220 AND LDRSHP 221
 - b. LDRSHP 310, LDRSHP 320 AND LDRSHP 420
 - c. LDRSHP 301, LDRSHP 302, LDRSHP 401 AND LDRSHP 402
2. LDRSHP 410 AND PHILSPHY 410
3. SELECT 3 UNITS FROM COURSES (BEHAVIORAL) PHILSPHY 261, PSYCH 211, SOCIOLOGY 140 OR INTRAUNV 246
4. SELECT 3 UNITS FROM COURSES (HISTORICAL) HISTRY 390, HISTRY 392 AND HISTRY 401, LDRSHP 350
5. SELECT 3 - 6 ELECTIVE UNITS FROM COURSES MANGEMNT 310, MANGEMNT 419, MANGEMNT 428, MANGEMNT 486, EDFOUND 212, EDFOUND 483, LDRSHP 101, LDRSHP 102, LDRSHP 110, LDRSHP 111, LDRSHP 120, LDRSHP 121, LDRSHP 122, LDRSHP 123, LDRSHP 201, LDRSHP 202, LDRSHP 240, LDRSHP 311, LDRSHP 321, LDRSHP 330, LDRSHP 411, LDRSHP 420, LDRSHP 421, LDRSHP 440, COMM 240, COMM 242, COMM 247, COMM 327, HISTRY 307, PHILSPHY 245, PHILSPHY 281, RELIGST 351, POLISCI 351, POLISCI 421, PSYCH 104, SOCIOLOGY 355 OR SOCIOLOGY 380

UNIQUE MINOR REQUIREMENT - 3 UNITS

1. SELECT 3 UNITS FROM COURSES ITBE 353, ENGLISH 370 AND ENGLISH 372 RLS

II. COMMISSION

Army

The academic pursuit of a commission as an officer in the United States Army is accomplished simultaneously as students meet the prerequisites for a degree in the discipline of their choice; either undergraduate or graduate. The Army Reserve Officers' Training Corps (ROTC) offers a progressive leadership education program that combines challenging academic study and practical training experiences in the theories, concepts and principles of leadership. Additional emphasis is also placed on organizational dynamics, resource management and ethical decision making. The completion of this departmental program prepares the college student to receive a commission as a Second Lieutenant in the United States Army, Army Reserve or Army National Guard.

The commission program is generally divided into a two-year Basic Phase (freshman and sophomore) and a two-year Advanced Phase (junior and senior). Alternate means of completing the on-campus Basic Phase are available to students desiring to enter the program at the Advanced Phase level. Students seeking a commission will be provided administrative assistance and counseling guidance by a faculty adviser from the Department of Leadership, Military Science and Aerospace Studies.

Students must have a minimum of two years remaining in their academic program - undergraduate or graduate - to successfully complete the academic program for a commission. During this period of upper division courses the qualified students will have a contractual commitment between themselves and the United States Army. In exchange for participation in the program, a student will receive \$450-\$500 a month during the school year (up to \$5000 maximum) and approximately \$700 plus paid travel to attend the Leadership Development Assessment Course (LDRSHP 440) normally

conducted near Seattle, Washington, at Fort Lewis. In all, the student receives about \$9,500 during the two year advanced phase. Application for the Advance Phase should be initiated as early as possible by contacting the Department of Leadership, Military Science and Aerospace Studies, 3rd floor, Goodhue Hall.

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 \$900 a term from which they may purchase textbooks, classroom supplies and equipment. Army ROTC scholarship winners also receive a tax-free subsistence allowance of \$300 for freshmen; \$350 for sophomores; \$450 for juniors, and \$500 for seniors a month for 10 months for each year that the scholarship is in effect. Scholarships at UW-Whitewater are worth approximately \$7,000 a year and they are available for 2, 3, 3 1/2 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 3rd floor, Goodhue 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. Both programs offer many financial benefits.

Though National Guard and Reserve members may participate in Air Force ROTC, prior to entry into their last two years of training they will be required to get a "Conditional Release" from them. For details on any ROTC program and eligibility requirements contact a representative in 3rd floor, Goodhue Hall.

ARMY COURSE DESCRIPTIONS

LDRSHP 110 INTRODUCTION TO LEADERSHIP I 2 u
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

LDRSHP 111 LEADERSHIP LABORATORY 1 u
Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in LDRSHP 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.

LDRSHP 120 INTRODUCTION TO LEADERSHIP II 2 u
An introductory study of leadership with emphasis on communications, management, authority and responsibility. The theoretical study is enhanced with practical leadership experience through the use of the military model and examining leadership applications to the civilian management process.
Prereq: Restricted to Freshmen, Sophomore, Junior

LDRSHP 121 LEADERSHIP LABORATORY 1 u
Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in LDRSHP 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.

LDRSHP 210 BASIC LEADERSHIP I 2 u
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.

LDRSHP 211 LEADERSHIP LABORATORY 1 u
Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in LDRSHP 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.

LDRSHP 220 BASIC LEADERSHIP II 2 u
Continues the study of organizational leadership and the development of leadership skills. Emphasis is on examination of contemporary civilian and military leadership styles and methods, group dynamics, staff functions, management styles and techniques, and the development of interpersonal communicative skills.
Prereq: Restricted to Freshmen, Sophomore, Junior

LDRSHP 221 LEADERSHIP LABORATORY 1 u
Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in LDRSHP 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.

LDRSHP 224 MILITARY CONDITIONING II 1 u
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: PEGNRL 187.

LDRSHP 240 LEADERSHIP CAMP 3 u
A five 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.

LDRSHP 310 ADVANCED LEADERSHIP 3 u
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: LDRSHP 220 or cons instr.

LDRSHP 311 LEADERSHIP LABORATORY 1 u
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 LDRSHP 310. Meets two hours once per week.

LDRSHP 320 ADVANCED LEADERSHIP 3 u
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 LDRSHP 440.
Prereq: LDRSHP 310 or cons instr.

LDRSHP 321 LEADERSHIP LABORATORY 1 u

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 LDRSHP 320. Meets two hours once per week.

LDRSHP 330 LAND NAVIGATION 1 u

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.

LDRSHP 350 HISTORY OF THE UNITED STATES MILITARY 3 u

Students will learn and demonstrate their knowledge of the History of the United States Military in the classroom through class participation, examinations, and battle analysis. Course is an overview of the impact the United States Military has had on the history of the United States.

HISTORY 390 AMERICAN MILITARY HISTORY 3 u

See History.

LDRSHP 410 APPLIED LEADERSHIP 2-3 u

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: LDRSHP 320 or consent of instructor.

LDRSHP 411 LEADERSHIP LABORATORY 1 u

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 LDRSHP 410. Meets two hours once per week.

LDRSHP 420 APPLIED LEADERSHIP 3 u

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: LDRSHP 410 or cons instr.

LDRSHP 421 LEADERSHIP LABORATORY 1 u

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 LDRSHP 420. Meets two hours once per week.

LDRSHP 440 ADVANCED LEADER CAMP 3 u

A five-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.

LDRSHP 498 INDEPENDENT STUDY 1-3 u

Repeatable. Prereq: Consent of department chairperson or instructor.

Air Force

The Air Force ROTC (AFROTC) program is the primary path available to enter the U.S. Air Force as an officer. Students enroll in the AFROTC program while working toward the bachelor's degree in any major they choose. They attend aerospace studies class each semester corresponding with their class year, a hands-on leadership laboratory, and weekly physical fitness sessions, while learning about how the Air Force works and deciding which job fields match their interests. Upon graduating, they enter active duty service as commissioned second lieutenants. Officers in the Air Force serve in career fields such as pilot, maintenance, acquisitions, finance, personnel, aerospace physiology, engineering, nursing, intelligence, medical doctor, security forces, JAG (lawyer), communications, and much more.

Most career fields have an active-duty commitment of four years after college. If students choose to separate from the Air Force at that time, they can pursue other careers with experience and the distinction of "military officer" on their resumes.

AFROTC is designed for students with two or more years remaining until graduation. To receive an officer's commission, AFROTC cadets must complete all necessary requirements for a degree as well as courses specified by the Air Force. Courses are often taken for academic credit as part of a student's electives. The amount of credit given toward a degree for AFROTC academic work is determined by the student's school or college, and major department.

Scholarships are available to qualified applicants on a competitive basis. Scholarships may provide full tuition, laboratory and incidental fees, and reimbursement for textbooks. In addition, scholarship cadets receive a nontaxable allowance ranging from \$300 to \$500 per month, depending on academic/AFROTC year. Juniors and seniors automatically receive \$450 and \$500, respectively, regardless of scholarship status.

All AFROTC introductory (100 and 200 level) courses are open to all students regardless of membership in the program. Students are invited to take one of the program's courses to determine if AFROTC is right for them—with no obligation to join. For more information, please contact the unit admissions officer at the host detachment in Madison: 608/262-3440 or 608/265-4812, or send an e-mail to afrotc@mailplus.wisc.edu.

AIR FORCE COURSE DESCRIPTIONS**LDRSHP 101 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE I 1 u**

Establishes introductory framework for understanding USAF organizational structure, core officership values, customs and courtesies, chain of command, rudiments of career benefits, and group leadership.

LDRSHP 102 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE II 1 u

Continues building on framework for understanding USAF organizational structure, officership values, communicative skills, customs and courtesies, and Air Force missions.

Prereq: LDRSHP 101 and LDRSHP 201 (waivers given by dept. chairman on case-by-case basis).

LDRSHP 201 THE EVOLUTION OF US AIR AND SPACE POWER I 1 u

Establishes framework for understanding USAF history and development of air power; focuses on evolution of air power concepts and doctrine, and the role of technology in growth of airpower. Also, applies knowledge of both written and communicative skills.

Prereq: LDRSHP 101 and LDRSHP 102 (waiverable by dept. chairman with commitment to six (6) week field training encampment)

LDRSHP 202 THE EVOLUTION OF US AIR AND SPACE POWER II 1 u

Continues to build framework for understanding USAF organizational

structure, core officership values, customs and courtesies, chain of command, and group leadership skills. Builds basic understanding of USAF communicative processes, both oral and written. Macro examination of aerospace doctrine, USAF mission, characteristics of offensive and defensive airpower as related to their historic application.

Prereq: LDRSHP 101 (waiverable).

LDRSHP 301 LEADERSHIP STUDIES I 3 u

Focuses on leadership and management fundamentals, leadership ethics and decision making. Introduces unique Air Force perspectives on quality management. Increases emphasis on communicative, group leadership, and counseling skills.

Prereq: Satisfactory completion of the General Military Course (GMC) or GMC-waiver which was contingent on attendance of a six (6) week field training encampment. The POC is not open to the general student population.

LDRSHP 302 LEADERSHIP STUDIES II 3 u

Continues focus on leadership and management fundamentals, leadership ethics and decision making. Elaborates on unique Air Force perspectives on quality management. Increases emphasis on communicative, group leadership, and counseling skills.

Prereq: Satisfactory completion of the General Military Course (GMC) or GMC-waiver which was contingent on attendance of a six (6) week field training encampment, and LDRSHP 301.

LDRSHP 401 NATIONAL SECURITY AFFAIRS 3 u

Examines the need for national security; analyzes the evolution and formulation of the American defense/national security policy and strategy; examines American concept of civilian control of the military; explores conflict management, alliances and regional security issues; enhances understanding of Air Force major command structure and joint responsibilities; expands focus on the Military as a profession and continues to refine communicative skills.

Prereq: Officer candidates must have successfully completed Field Training, the USAF sponsored and funded summer encampments typically held between the Sophomore and Junior year, or between the Junior and Senior year in exceptional cases. Successful completion of all AF ROTC AS300 coursework.

LDRSHP 402 PREPARATION FOR ACTIVE DUTY 3 u

Continues the examination of the need for national security; analyzes the evolution and formulation of the American defense/national security policy and strategy; examines the Uniform Code of Military Justice (UCMJ) and the military justice system; analyzes the Law of Armed Conflict; expands focus on the Military as a profession and continues to refine communicative skills.

Prereq: Officer candidates must have successfully completed Field Training (the USAF sponsored and funded summer encampments typically held between the Sophomore and Junior year, or between the Junior and Senior year in exceptional cases). Successful completion of the AF ROTC AS300 courses and LDRSHP 301. Cannot be taking a AS300 level AF ROTC course simultaneously.

LDRSHP 461 AFROTC LEADERSHIP LAB 0 u

Provides a structured environment within which commissioning candidates can demonstrate and fine tune leadership, management and professional officership skills. Cadets examine their own leadership/followership strengths and weaknesses through practical application.

Prereq: Application and acceptance into AFROTC membership.

DEPARTMENT OF OCCUPATIONAL & ENVIRONMENTAL SAFETY & HEALTH

Phone: 262-472-1117

E-Mail: safety@unm.edu

Faculty: Deborah Bowen, Sang Choi, Wayne Cole, George Gruetzmacher, Andrew Kapp, Todd Loushine, David Nordstrom, Alvaro Taveira

(Chairperson), Vay Rodman (Emeritus), Donna Vosburgh, Craig Wucivic, Roger Young.

The Department of Occupational & Environmental Safety & Health (OESH) prepares students for rewarding careers protecting America's work force, the public and the natural environment from harm in today's age of rapid technological and scientific development. The Occupational & Environmental Safety & Health professional is concerned with the interaction between people and the physical, chemical, biological and psychological factors which affect their safety, health and productivity. Coursework covers a wide range of subjects including accident prevention, ergonomics, construction safety, environmental protection, and regulatory compliance. The students are provided with essential skills that enable them to evaluate, devise and implement methods to control hazards. OESH majors are provided with a number of practical work site activities, culminating in a full semester internship with a practicing OESH professional. In addition to a general track, majors can select from three different emphases: Construction Safety, Occupational Ergonomics, and Environmental Management. The Department also offers two minor programs which provides a basic foundation in Occupational Safety or in Environmental Management for students majoring in other fields.

The OESH Department offers a Driver Education Licensure, a program approved by the Wisconsin Department of Public Instruction, which provides current or potential licensed teachers an additional certification to teach driver's education. This is not a stand alone certification/licensure.

The OESH Department offers two General Education (GI) courses: SAFETY 201 Personal and Public Safety and SAFETY 255 Alcohol and Other Drugs. These are courses which support all degree programs and are in strong demand from undergraduate students across all majors. Other courses such as SAFETY 380 Industrial Accident Prevention, SAFETY 450 Behavioral Aspects of Accident Prevention and SAFETY 383 Introduction to Security attract undergraduate students from several other programs.

DRIVER EDUCATION LICENSURE 18 units

Licensed elementary, junior high, or secondary school teachers in any subject area can become licensed to teach driver education if they complete these courses:

SAFETY 201, SAFETY 450/650, SAFETY 255, SAFETY 260, SAFETY 461/661, SAFETY 464.

MAJORS/EMPHASES

GPA Requirements for Internship and to Graduate: To obtain an internship and graduate the student must have a minimum 2.5 GPA in the major and as an overall college average.

Construction Safety Emphasis:

The construction safety emphasis provides the student with a comprehensive background in worksite hazard assessment, safety and health program development, and risk management as it applies to the construction industry.

Occupational Ergonomics Emphasis:

The occupational ergonomics emphasis prepares students to meet the growing demand for safety professionals capable of dealing with work-related musculoskeletal disorders (WMSDs). This emphasis provides students with a comprehensive background in ergonomic work analysis, hazard assessment, and program development in a variety of essential industries.

Environmental Management Emphasis:

OESH professionals are often expected to manage environmental hazards created by operational and procedural processes at industrial and manufacturing facilities. This emphasis introduces environmental management concepts to students and prepares them to address

environmental concerns at their job sites.

Writing Proficiency Requirement: ITBE 353 Business Communication or ENGLISH 372 Technical and Scientific Writing

OCCUPATIONAL SAFETY (BS)

COLLEGE OF EDUCATION BS DEGREE REQUIREMENTS

1. STUDENTS MUST COMPLETE AT LEAST 6 UNITS IN NATURAL SCIENCES/MATHEMATICS OR SOCIAL SCIENCE COURSES (DESIGNATED GL, GM, OR GS) ABOVE THE MINIMUM GENERAL EDUCATION UNIVERSITY REQUIREMENTS.

UNIQUE REQUIREMENTS (22 UNITS)

1. CHEM 102 AND CHEM 104
2. PHYSCS 130
3. BIOLOGY 120, BIOLOGY 361 OR PEPROF 271
4. ECON 245, EDFOUND 482, MATH 230 OR MATH 231

MAJOR - 69 UNITS

1. SAFETY 201, SAFETY 450, SAFETY 453, AND SAFETY 488
2. SAFETY 380, SAFETY 388, SAFETY 420, SAFETY 479, SAFETY 481, SAFETY 483, SAFETY 485
3. ITBE 353 OR ENGLISH 372
4. SAFETY 470 (2 UNITS) AND SAFETY 492 (12 UNITS)
5. SELECT 6 UNITS FROM: ECON 353, FNBSLW 446, MANGEMNT 306, MANGEMNT 320, MANGEMNT 430, MANGEMNT 486
6. SELECT 11-12 UNITS FROM: PEPROF 281, SAFETY 255, SAFETY 260, SAFETY 381, SAFETY 382, SAFETY 383, SAFETY 384, SAFETY 482, SAFETY 487, SAFETY 489, SAFETY 493, COMDIS 444

OCCUPATIONAL SAFETY MAJOR - CONSTRUCTION SAFETY EMPHASIS (BS)

COLLEGE OF EDUCATION BS DEGREE REQUIREMENTS

1. STUDENTS MUST COMPLETE AT LEAST 6 UNITS IN NATURAL SCIENCES/MATHEMATICS OR SOCIAL SCIENCE COURSES (DESIGNATED GL, GM, OR GS) ABOVE THE MINIMUM GENERAL EDUCATION UNIVERSITY REQUIREMENTS.

UNIQUE REQUIREMENTS (22 UNITS)

1. CHEM 102 AND CHEM 104
2. PHYSCS 130
3. BIOLOGY 120, BIOLOGY 361, OR PEPROF 271
4. ECON 245, EDFOUND 482, MATH 230, OR MATH 231

MAJOR REQUIREMENTS - 69 UNITS

1. SAFETY 201, SAFETY 450, SAFETY 453, AND SAFETY 488
2. SAFETY 380, SAFETY 388, SAFETY 420, SAFETY 479, SAFETY 481, SAFETY 483, SAFETY 485
3. SAFETY 382, SAFETY 384, SAFETY 482
4. SAFETY 470 (2 UNITS) AND SAFETY 492 (12 UNITS)
5. ITBE 353 OR ENGLISH 372
6. SELECT 6 UNITS FROM: ECON 353, FNBSLW 446, MANGEMNT 306, MANGEMNT 320, MANGEMNT 430 AND MANGEMNT 486
7. SELECT 2-3 UNITS FROM COURSES: PEPROF 281, SAFETY 255, SAFETY 260, SAFETY 381, SAFETY 382, SAFETY 383, SAFETY 384, SAFETY 482, SAFETY 487, SAFETY 489, SAFETY 493, AND COMDIS 444

Additional Requirements: Students must successfully complete a comprehensive examination prior to beginning their professional semester

OCCUPATIONAL SAFETY - OCCUPATIONAL ERGONOMICS EMPHASIS (BS)

UNIQUE REQUIREMENTS (22 UNITS)

1. CHEM 102 AND CHEM 104
2. PHYSCS 130
3. BIOLOGY 120, BIOLOGY 361 OR PEPROF 271
4. ECON 245, EDFOUND 482, MATH 230 OR MATH 231

MAJOR REQUIREMENTS (69 UNITS)

1. SAFETY 201, SAFETY 450, SAFETY 453 AND SAFETY 488
2. SAFETY 380, SAFETY 388, SAFETY 420, SAFETY 479, SAFETY 481, SAFETY 483, SAFETY 485
3. SAFETY 471, SAFETY 472
4. SAFETY 470 (2 UNITS) AND SAFETY 492 (12 UNITS)
5. ITBE 353 OR ENGLISH 372
6. SELECT 6 UNITS FROM: ECON 353, FNBSLW 446, MANGEMNT 306, MANGEMNT 320, MANGEMNT 430 AND MANGEMNT 486
6. SELECT 5-6 UNITS FROM COURSES: PEPROF 281, SAFETY 255, SAFETY 260, SAFETY 381, SAFETY 382, SAFETY 383, SAFETY 384, SAFETY 482, SAFETY 487, SAFETY 489, SAFETY 493, AND COMDIS 444

Additional Requirements: Students must successfully complete a comprehensive examination prior to beginning their professional semester

OCCUPATIONAL SAFETY-ENVIRONMENTAL MANAGEMENT EMPHASIS (BS)

UNIQUE REQUIREMENTS (22 UNITS)

1. CHEM 102 AND CHEM 104
2. PHYSCS 130
3. BIOLOGY 120, BIOLOGY 361, OR PEPROF 271
4. ECON 245, EDFOUND 482, MATH 230, OR MATH 231

MAJOR REQUIREMENTS (67 UNITS)

1. SAFETY 201, SAFETY 450, SAFETY 453, AND SAFETY 488
2. SAFETY 380, SAFETY 388, SAFETY 420, SAFETY 479, SAFETY 481, SAFETY 483, SAFETY 485
3. BIOLOGY 214 OR GEOGRPY 252, SAFETY 489, SAFETY 493
4. SAFETY 470 (2 UNITS) AND SAFETY 492 (12 UNITS)
5. ITBE 353 OR ENGLISH 372
6. SELECT 6 UNITS FROM: ECON 353, FNBSLW 446, MANGEMNT 306, MANGEMNT 320, MANGEMNT 430 AND MANGEMNT 486
7. SELECT 2-3 UNITS FROM COURSES: PEPROF 281, SAFETY 255, SAFETY 260, SAFETY 381, SAFETY 382, SAFETY 383, SAFETY 384, SAFETY 482, SAFETY 487, AND COMDIS 444

Additional Requirements: Students must successfully complete a comprehensive examination prior to beginning their professional term.

MINOR/EMPHASES

OCCUPATIONAL SAFETY MINOR

MINOR - 24 UNITS

1. SAFETY 201
2. SAFETY 380
3. SAFETY 450
4. SAFETY 453
5. SAFETY 483

6. SAFETY 488
7. SELECT 6 ELECTIVE UNITS FROM COURSES
SAFETY 255, SAFETY 383, SAFETY 382, SAFETY 420,
SAFETY 471, SAFETY 472, SAFETY 487, SAFETY 489,
OR SAFETY 381

ENVIRONMENTAL MANAGEMENT MINOR

MINOR 21-23 UNITS

1. BIOLOGY 214 OR GEOGRPY 252
2. SAFETY 420
3. SAFETY 453
4. SAFETY 489
5. SELECT 9-11 ELECTIVE UNITS:
CHEM 352, CHEM 480, ECON 471, GEOGRPY 323,
GEOGRPY 300, GEOLOGY 301, SAFETY 493

COURSE DESCRIPTIONS

Field trips may be required for any of the courses.

SAFETY 201 PERSONAL AND PUBLIC SAFETY *GI* 3 u

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.

SAFETY 255 ALCOHOL AND OTHER DRUGS *GI* 3 u

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.

SAFETY 260 BASIC TRAFFIC SAFETY 3 u

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.

SAFETY 380 INDUSTRIAL ACCIDENT PREVENTION 3 u

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.

SAFETY 381/581 MOTOR FLEET SAFETY 3 u

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: SAFETY 380 or cons instr.

SAFETY 382/582 SAFETY IN THE CONSTRUCTION INDUSTRY 3 u

This course examines the practices and safety-related problems found in the construction industry. Administrative and organizational issues that impact construction safety programs are examined. Students will be introduced to specific problems and countermeasures for correction through lectures and field experiences. The course provides an overview of applicable OSHA and MSHA standards.
Prereq: SAFETY 380 or consent of instructor.

SAFETY 383/583 INTRODUCTION TO SECURITY 3 u

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.

SAFETY 384/584 CONSTRUCTION ACCIDENT PREVENTION 3 u

A combination of principles and practices designed to provide a basis for understanding the nature of accident prevention, health preservation and loss reduction in construction operations. The topics to be examined include federal safety and health regulations, techniques of hazard control, strategies for minimizing injuries and losses, and sources of assistance in resolving safety and health problems.
Prereq: SAFETY 382/582 or consent of instructor.

SAFETY 388 OCCUPATIONAL SAFETY & HEALTH STANDARDS AND APPLICATIONS 3 u

This course is designed to provide the student with a comprehensive understanding of occupational safety and health standards and their application for the management of workplace injury prevention and health promotion. Topics to be examined include federal regulations and their interpretations and accident investigation methodologies.
Prereq: SAFETY 380 and PHYSCS 130

SAFETY 420/620 PRINCIPLES OF ENVIRONMENTAL MANAGEMENT 3 u

This course addresses the U.S. Environmental Protection Agency regulations and the related responsibilities of the safety professional to insure compliance. Areas to be covered are: Safe Drinking Water Act, Storm Water Discharges, Hazardous Waste Disposal, Environmental Audits, Clean Air Act, etc.
Prereq: CHEM 102 and CHEM 104 or one year of general college chemistry and SAFETY 380.

SAFETY 450/650 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION 3 u

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.

SAFETY 453 FUNDAMENTALS OF ENVIRONMENTAL LAW 3 u

An examination of federal and state laws with judicial and regulatory interpretations having application to the management of the occupational and environmental safety & health responsibilities of private sector firms in the United States.
Prereq: Jr status or cons instr.

SAFETY 461/661 PROBLEMS AND MATERIALS OF DRIVER EDUCATION 3 u

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: SAFETY 260 or cons instr.

SAFETY 464 TECHNIQUES OF LABORATORY INSTRUCTION 1-5 u

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: SAFETY 461 or cons instr.

SAFETY 470 SEMINAR — SAFETY 2 u

This seminar will provide emphasis on independent study research and inquiry and an opportunity for discussion and evaluation of professional internship experiences.
Prereq: Department approval required. Concurrent enrollment in SAFETY 492 and 2.50 University (cumulative) GPA.

SAFETY 471/671 APPLIED METHODS IN ERGONOMICS 3 u

Students will study methods and techniques for job and workstation evaluation to identify potential ergonomic hazards that contribute to work-related musculoskeletal disorders. At the conclusion of the course students will be able to select and apply appropriate ergonomics methods and techniques to industry-specific problems.

Prereq: SAFETY 488/688 or consent of instructor

SAFETY 472/672 ADVANCED INDUSTRIAL ERGONOMICS 3 u

This course focuses on the specific needs of key industries that present high incidence of work-related musculoskeletal disorders. These industries display specific working conditions with large and diverse workforces. In addition, ergonomic issues of work populations with special needs are also reviewed. The course will involve applied problem solving projects in different work settings.

Prereq: SAFETY 471/671 or consent of instructor

SAFETY 479/679 PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE 5 u

An introduction to the science and art of anticipating, recognizing, evaluating, and controlling the chemical, physical, and biological agents that affect the health and safety of workers. The laboratory provides working knowledge and hands-on experience with equipment for recognizing, analyzing, and evaluating occupational health hazards in industry. One 2.5 hour lecture and one 2.5 hour lab per week.

Prereq: CHEM 102, CHEM 104, PHYSCS 130 or consent of instructor

SAFETY 481 ANALYSIS AND DESIGN FOR SAFETY IN INDUSTRIAL OPERATIONS 3 u

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: SAFETY 380, SAFETY 479, and SAFETY 488

SAFETY 482/682 CONSTRUCTION SAFETY MANAGEMENT 3 u

An examination of the practices of managing occupational safety and health programs in the construction field. The course is designed to provide the student with an understanding of how the regulatory and financial responsibilities of accident prevention, health preservation and loss reduction in construction operations are met.

Prereq: SAFETY 384/584

SAFETY 483/683 OCCUPATIONAL SAFETY MANAGEMENT 3 u

Emphasis will be on the organizational and administrative problems that relate to risk assessments, occupational accidents, worker compensation management, safety committees and employee safety training programs. The course is designed for students majoring in the business related areas and future safety professionals who desire to develop an understanding of these management problems as well as applicable solutions.

Prereq: SAFETY 380 or cons instr. and 2.50 University (cumulative) GPA

SAFETY 485/685 FIRE PROTECTION/PREVENTION 3 u

Control of fire through study of building construction to prevent fire spread, occupancy-hazard relationships, exposure to and from adjacent occupancies, lifesaving aspects, and the development of professional knowledge of flammable gases, liquids, combustible solids, dusts, chemicals, and explosives. Interpretation of appropriate codes will be covered.

Prereq: CHEM 102 or one semester of general college chemistry or consent of instructor.

SAFETY 487/687 PRODUCT SAFETY 3 u

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: SAFETY 380 or consent of instructor

SAFETY 488/688 ERGONOMICS 3 u

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: consent of instructor

SAFETY 489/689 HAZARDOUS MATERIALS MANAGEMENT 3 u

This course addresses OSHA, NFPA & ANSI standards as they relate to the use & storage of chemical, biological and radiological hazardous materials in the workplace. Standards to be covered include Process Safety Management of Highly Hazardous Chemicals, Hazardous Chemical Communication, Personal Protective Equipment Regulation, Laboratory Safety Standard, DOT Shipping regulations, Nuclear Regulatory Commission Standards, etc.

Prereq: CHEM 102 and CHEM 104 or one year of general college chemistry or consent of instructor

SAFETY 490/690 WORKSHOPS IN SAFETY EDUCATION 1-6 u

Repeatable three times for a maximum of 9 units in major/degree. Prereq: Consent of instructor.

SAFETY 491/691 TRAVEL STUDY *Repeatable* 1-3 u

SAFETY 492 FIELDWORK INTERNSHIP IN SAFETY 1-12 u

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 units in major/degree. Prereq: Consent of Coordinator of Field Experiences and concurrent enrollment in SAFETY 470 and University (cumulative) GPA equal to or higher than 2.50.

SAFETY 493 AIR POLLUTION EVALUATION & CONTROL 3 u

This entry-level course presents a broad overview of the major aspects of air pollution evaluation and control. The course includes information about pollutants, pollutant sources, and effects of pollution on human health and the environment, dispersion of pollutants, measurement and control of emissions, and laws and regulations pertaining to air pollution control.

Prereq: SAFETY 380

SAFETY 496/696 SPECIAL STUDIES 1-3 u

A course which offers study in special topics in safety which are not regularly included in the curriculum.

Repeatable for a maximum of 6 units in degree.

SAFETY 498 INDEPENDENT STUDY 1-4 u

May be taken for a maximum of 3 units in major/degree. Prereq: Consent of department. Restricted to students with Jr or Sr standing and majors and minors and licensure/certification candidates.

DEPARTMENT OF SPECIAL EDUCATION

Phone: 262-472-1106

E-Mail: special@unm.edu

Faculty: Kathryn Casey, Lana Collet-Klingenberg, Simone De Vore, Amy Griffith, Nomsa Gwalla-Ogisi, Jessica Hagaman, Sharon Kolb, Rowand Robinson, Diana Rogers-Adkinson (Chair), Shannon Stuart, Brooke Winchell.

Special Education prepares personnel to work with individuals who have a variety of disabilities. Program options include dual licensure early childhood, cross categorical special education with an emphasis in learning and behavior disorders or cognitive disabilities.

MAJOR/EMPHASES

- Early Childhood Education dual licensure
- Cross Categorical: Learning Disabilities/Behavior Disorders Emphasis
- Cross Categorical: Cognitive Disabilities Emphasis

Writing Proficiency Requirement: Requirement accomplished in several courses within the emphasis course sequence.

Grades of Incomplete, D or F in special education courses (prefix SPECED or SPECFLD) must be removed before the student can enroll in SPECFLD 411 (A-H) Directed Teaching.

Department Staffing Procedure: Students in the department of Special Education are expected to maintain professional dispositions as they matriculate. Students experiencing difficulty may be asked to participate in a department staffing to assist the student in the drafting of a plan to facilitate successful completion of their program.

EARLY CHILDHOOD EDUCATION MAJOR

See page 134 .

SPECIAL EDUCATION MAJOR CROSS CATEGORICAL PROGRAM EBD/LD EMPHASIS (BSE)

LICENSURE - 26 UNITS

1. EDFOUND 222, EDFOUND 243, EDFNDPRC 210, LIBMEDIA 201
2. COMDIS 355/555, READING 360, ELEMID 425
3. SPECFLD 385, SPECFLD 485B & 485C, SPECFLD 410

MAJOR - 61 UNITS

1. SPECED 205 OR SPECED 700, SPECED 324/524
2. SPECED 325/525, SPECED 426/626
3. SPECED 360/560, SPECED 361/561
4. SPECED 380/580, SPECED 440/640, SPECED 450/650, SPECED 462/662, SPECED 466/666
5. SPECED 406/606, SPECED 458/658, SPECED 486/686, SPECED 487/687
6. SPECED 470/670, SPECED 480/680
7. SPECFLD 489B, C & D OR SPECFLD 789B, C & D OR SPECFLD 793B, C & D

SPECIAL EDUCATION MAJOR CROSS CATEGORICAL PROGRAM

COGNITIVE DISABILITIES (BSE)

LICENSURE - 23 UNITS

1. EDFOUND 222, EDFOUND 243, EDFNDPRC 210, LIBMEDIA 201
2. COMDIS 355/555, ELEMID 425
3. SPECFLD 385, SPECFLD 485A, SPECFLD 410

MAJOR - 64 UNITS

1. SPECED 205 OR SPECED 700, SPECED 324/524
2. SPECED 325/525, SPECED 426/626, AND SPECED 466/666
3. SPECED 360/560, SPECED 361/561, SPECED 462/662
4. SPECED 376/576, SPECED 406/606, SPECED 440/640, SPECED 380/580, SPECED 465/665
5. SPECED 458/658, SPECED 476/676, SPECED 486/686
6. SPECED 470/670, SPECED 480/680
7. SPECFLD 489 A&D OR SPECFLD 789 OR SPECFLD 793

MINOR

SPECIAL EDUCATION - ADAPTIVE-LICENSURE FOR EDUCATION MAJORS

MINOR - 24 UNITS

1. SPECED 325
2. SPECED 360 and COMDIS 340
3. SPECED 361 OR EDUINDP 442
4. SPECED 426 OR EDUINDP 333
5. SPECED 466 and SPECED 458
6. SPECFLD 385 OR EDUINDP 443
7. SPECFLD 410

UNIQUE REQUIREMENT:

SPECED 205 AND ADMISSION TO PROFESSIONAL EDUCATION.

SPECIAL EDUCATION - FOR NON-EDUCATION MAJORS

MINOR - 24-25 UNITS

1. SPECED 205
2. SPECED 325
3. SPECED 360 AND COMDIS 340
4. SPECED 361 OR EDUINDP 442
5. SPECED 426 OR EDUINDP 333
6. SPECED 466
7. SPECFLD 385 OR EDUINDP 443
8. SPECED 462 OR SPECED 201 OR SPECED 406

COURSE DESCRIPTIONS

SPECIAL EDUCATION

SPECED 201 DISABILITY IN SOCIETY

3 u

A study of the social construction of disability. This course focuses on the political and cultural context of disability. Particular attention is given to the issues of perception, mobility, accessibility, distribution of bio-resources, and the human condition as well as a process to assist individuals achieve comfortable, authentic, and more equal relationships with persons with disabilities.

SPECED 205 PSYCHOLOGY OF THE EXCEPTIONAL CHILD

3 u

A survey course designed to familiarize students with the psychological, physiological and educational problems which confront persons who are cognitively disabled, gifted, emotionally disturbed, speech impaired, auditorily

impaired, visually impaired, orthopedically and neurologically impaired.

SPECED 324/524 FOUNDATIONS OF SPECIAL EDUCATION 3 u

The purpose of this course is to help students explore issues and perspectives related to basic theories in special education. The course also examines the legal and ethical implications surrounding special education, and the historical developments within the field. This course will provide teacher education students with experiences that engage them in explicitly examining their conceptions, assumptions, and attitudes related to students with exceptional educational needs. Extensive consideration will be devoted to misconceptions about multicultural and bilingual aspects of special education as well as pedagogical approaches for including students with diverse learning styles and abilities in general education environments.

Prereq: SPECED 205

SPECED 325 CHARACTERISTICS OF CD/EBD/LD 3 u

This course addresses the characteristics of cognitive disabilities, emotional/behavioral disabilities, and learning disabilities. The purpose of the course is to provide an overview of the theoretical and historical issues related to the three most common disabilities. Specific application of theory and history will be applied to all three areas looking at characteristics across the life span. Inter-relationships of the characteristics, needs and implication for practice will be covered.

Prereq: Special Education major and 2.75 GPA and passing 2 portions of PPST and SPECED 205 or Special Education minor and SPECED 205 and admission to professional education or Physical Education K-12 emphasis and SPECED 205 and admission to professional education.

SPECED 360/560 BEHAVIOR MANAGEMENT FOR THE INCLUSIVE CLASSROOM 3 u

The purpose of this course is to provide general strategies to promote effective behavior management in the inclusive educational environment. Focus will be on theories and practices for facilitating successful integration of children with disabilities in the regular education classroom or public school special education programs.

Prereq: SPECED 205, admission to professional education.

SPECED 361 INCLUSIVE METHODS OF INSTRUCTION 3 u

This course is designed to help prospective special education teachers in grades K-12 learn to work effectively with students with mild disabilities. Instructional principles and strategies to provide quality instruction to help students become successful learners will be emphasized. Content emphasis includes models of instruction, and methods for delivering instruction including lesson planning and unit planning.

Prereq: Special Education major and SPECED 205, 324, 325 and Admission to Professional Education, Coreq: SPECFLD 385; or Special Education minor and SPECED 205, 325 and Admission to Professional Education, Coreq: SPECFLD 385 or EDUINDP 443

SPECED 365/565 EVIDENCE BASED EARLY INTERVENTION FOR INFANTS AND TODDLERS 2 u

This course examines relevant theories and pertinent research pertaining to care of infants and toddlers with special needs within the family setting and in group care programs. Content includes an examination of legislative action that calls for intervention services for the birth to three population in natural settings, screening and assessment procedures, eligibility criteria for service delivery, working closely with and supporting families, and team collaboration styles. Mental health issues related to infants and toddlers are examined in relation to those who provide care to this population.

Prereq: Admission to the College of Education and the Early Childhood Program

SPECED 376/576 MEDICAL ASPECTS OF DISABILITY 3 u

Study of the medical, physiological, neurological, physical, developmental,

and sensory characteristics of persons with physical or medical conditions which impact educational programming. Emphasis on the etiology and implications of genetic, prenatal and acquired causes of disabilities including cerebral palsy, genetic syndromes, medical fragility, technology dependency, AIDS, and perinatal drug exposure. Interdisciplinary approaches to services provided for persons with complex attendance needs are addressed.

Prereq: Admission to Professional Education

SPECED 380/580 PHASE 3 PORTFOLIO 2 u

This course assists teacher candidates to develop their phase 3 portfolio which includes a philosophical statement which addresses DPI's core values; three narratives in the areas of assessment, instruction, and communication and collaboration; and three to nine student-selected artifacts selected from course projects or related artifacts across the college and Department of Special Education, prior to their entrance into the Directed Teaching Block that provide evidence of the attainment of knowledge and skills related to WTS and CEC/NCATE standards.

Prereq: Admission to professional education, SPECED 205, 324, 325, 360, 361, 426 and SPECFLD 385

SPECED 406/606 CAREER/VOCATIONAL PROGRAMMING FOR EXCEPTIONAL EDUCATIONAL NEEDS 3 u

Identification of specific strategies for overcoming attitudinal and technical barriers to vocational mainstreaming of special needs students. Content includes values clarification, vocational assessment, vocational IEP development, and elementary and secondary vocational models in delivering appropriate vocational services to EEN students. Content covers grades K-12.

Prereq: SPECED 325 and admission to professional ed.

SPECED 409/609 NONVIOLENT CRISIS INTERVENTION 1 u

This course provides participants with certification or recertification in Nonviolent Crisis Intervention as recognized by the Crisis Prevention Institute (CPI). Techniques for de-escalating potentially harmful situations as well as strategies for responding to direct physical threats will be presented. The instructor is certified by CPI to provide training. Participants passing the exit exam will receive a one-year certificate in non-violent crisis intervention. Participants are asked to wear comfortable clothing suitable for physical activity and avoid wearing jewelry during the course. Students must purchase a workbook from the instructor the first day of class to participate.

SPECED 426/626 INTRODUCTION TO INDIVIDUAL DIAGNOSTIC ASSESSMENT OF EXCEPTIONAL EDUCATIONAL NEEDS 3 u

A core course providing an overview of educational assessment and diagnosis of those with disabilities. Emphasis is placed upon testing for IEP development, the teaching and implications of the educational evaluation for multidisciplinary team decision making.

Prereq: Special Education major and 2.75 GPA and passing 2 portions of PPST and SPECED 205 or Special Education minor and SPECED 205 and admission to professional education or Physical Education K-12 emphasis and SPECED 205 and admission to professional education.

SPECED 440/640 ADVANCED BEHAVIOR INTERVENTION STRATEGIES 3 u

The purpose of this course is to provide special educators with the knowledge and skills to intervene with children with intense patterns of behavior that prevent the student from accessing the general education classroom. Techniques for conducting functional behavior assessments and designing behavior intervention plans will be provided. In addition, legal aspects regarding behavior intervention will be provided.

Prereq: SPECED 205, 360, 361, 426, SPECFLD 385 and Admission to Professional Education; Coreq: SPECFLD 485A or 485B and 485C

SPECED 450/650 INTERVENTION FOR CHILDREN WITH EBD 3 u

The purpose of this course is to provide intervention strategies for working

with children with severe emotional/behavioral disorders. Strategies related to AODA, social skills curriculum, abuse/neglect, juvenile corrections, and medication management will be presented. In addition, methods for creating effective program models will be presented.

Prereq: SPECED 205, 361, 426, SPECFLD 385 and Admission to Professional Education.

SPECED 458/658 COLLABORATION FOR EFFECTIVE INSTRUCTION 3 u

This course develops student's skills and understanding of the laws pertaining to students with disabilities, writing individualized instructional plans, inclusion, collaboration and school-based team membership, and adaptation and modifications of instruction. Students also develop their personal philosophy of education including beliefs about teachers, students, diversity, community, inclusion, etc. and a profile of their role as a team member through the use of a variety of self-assessment tools and the use of a cooperative learning structure (base teams) for the course.

Prereq: Special Education major and SPECED 205, 361, 426, 466, SPECFLD 385 and Admission to Professional Education, Coreq: SPECFLD 410; or Special Education minor and SPECED 205, 361, 426, 466, SPECFLD 385 and Admission to Professional Education, Coreq: SPECFLD 410

SPECED 461/661 FORMAL ASSESSMENT FOR YOUNG CHILDREN 3 u

This class provides the students with knowledge of the legal and ethical considerations related to the assessment of young children (Birth through age eight). Students will acquire skills related to developmental screening, determination of eligibility for special education, conducting norm-referenced assessments, writing reports, and communication with parents and other professionals.

Prereq: Completion of all prior Early Childhood Education courses and restricted to students with professional ed admission and ECE majors.

SPECED 462/662 EDUCATIONAL DIAGNOSIS AND ASSESSMENT IN LD, E/BD, CD 3 u

A course to develop advanced diagnostic skills for elementary through secondary mild/moderate disabled (LD, ED, MR) individuals. Particular emphasis is placed upon the assessment of cognitive, academic, developmental and behavioral skills that affect classroom performance. The application of advanced trend analysis and data synthesis techniques for special education placement and program planning is stressed and current issues and trends are discussed.

Prereq: SPECED 426/626. Restricted to students with professional ed admission.

SPECED 465/665 CURRICULUM/METHODS COGNITIVE DISABILITIES-FUNCTIONAL 3 u

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: SPECED 205, SPECED 324, SPECED 325 and Admission to Professional Education

SPECED 466 WORKING WITH PARENTS OF EXCEPTIONAL CHILDREN AND COMMUNITY AGENCIES 3 u

Provides insight into the adjustment problems of individuals with disabilities in the home and school environments. Particular emphasis upon consultation and supportive skills to aid the person and their parents in dealing with school or agency personnel and programs.

Prereq: Special Education major and 2.75 GPA and passing 2 portions of PPST and SPECED 205 or Special Education minor and SPECED 205 and admission to professional education or Physical Education K-12 emphasis and SPECED 205 and admission to professional education or

Communication Sciences & Disorders emphasis and SPECED 205 and admission to professional education.

SPECED 470 STUDENT TEACHING SEMINAR 2 u

The seminar provides a meaningful capstone experience for student teachers during their professional teaching semester. Current research, issues, and strategies specific to the field of special education and the teaching professional are presented.

Prereq: Pass Praxis II, have no incomplete grades or grades lower than C in SPECED or SPECFLD courses; 2.75 GPA and Consent of Department. Coreq: SPECFLD 489A, 489D and SPECED 480 or SPECFLD 489B, 489C, 489D and SPECED 480

SPECED 476/676 CURRICULUM, METHODS AND MATERIALS FOR THOSE WITH MULTIPLE DISABILITIES 3 u

For persons interested in acquiring specialized techniques and strategies in the care, instruction, programming, and management of individuals with physical, motor, medical, cognitive, communicative and/or behavioral disabilities. Specific information on positioning, physical handling, feeding facilitation, augmentative communication, sensory integration, adaptive switches, medication therapy and life skills development for the person with severe and profound disabilities. Emphasis is on functional skills.

Prereq: SPECED 205, SPECED 324, SPECED 325 and Admission to Professional Education or Early Childhood major and Admission to Professional Education.

SPECED 480/680 PHASE 4 PORTFOLIO 1 u

This course assists teacher candidates to develop their phase 4 portfolio which includes a philosophical statement which addresses DPI's core values; three narratives in the areas of assessment, instruction, and communication and collaboration; and three to nine student-selected artifacts selected from field-based experiences with children (special education fieldwork, general education fieldwork, and student teaching) that provide evidence of the attainment of knowledge and skills related to WTS and CEC/NCATE standards. At the end of the seminar, teacher candidates will present the portfolio to an interdisciplinary group of UW-W faculty and staff.

Prereq: Pass Praxis II ; have no incomplete grades or grades lower C in SPECED or SPECFLD courses; 2.75 GPA and consent of department; Coreq: SPECFLD 489A, 489D or SPECFLD 489B, 489C, 489D and SPECED 470

SPECED 486/686 ACADEMIC INTERVENTION I 3 u

The course is about reading for students with problems and disabilities through the use of theories, models, and specific research-based programs in phonemic awareness, decoding, reading and comprehension. We will examine the processes and skills children and adolescents engage in to read and understand literature and content within the curriculum. Specifically the difficulties encountered by students with language and learning differences will be reviewed and research providing "best practices" in teaching phonemic awareness, reading, decoding, and comprehension as a tool for literacy development will be emphasized. Students will develop personal philosophies and review and implement instructional strategies for teaching the development and fluency aspects of phonemic awareness, reading, decoding, and comprehension within the special and regular curriculum.

Prereq: SPECED 205, 324, 325, 361, 426 SPECFLD 385 and Admission Professional Education.

SPECED 487/687 ACADEMIC INTERVENTION II 3 u

This course is about writers and writing. WE will examine the processes and skills children and adolescents engage in to compose a quality written product. Specifically the difficulties encountered by students with language and learning differences will be reviewed and research providing "best practices" in teaching writing as a tool for literacy development will be emphasized. Students will develop personal philosophies and instructional strategies for teaching the development and fluency aspects of composition.

Prereq: SPECED 205, 324, 325, 361, 426 SPECFLD 385 and Admission to Professional Education

EDUCATION AND PROFESSIONAL STUDIES

SPECED 490/690 WORKSHOP 1-10 u
Repeatable for a maximum of 12 units in major.

SPECED 491/691 TRAVEL STUDY *Repeatable* 1-3 u

SPECED 494/694 SEMINAR - SPECIAL EDUCATION 1-3 u
Repeatable. Prereq: Consent of instructor.

SPECED 496/696 SPECIAL STUDIES 1-4 u
Repeatable for a maximum of 12 units in major. Prereq: 480 205 or consent of instructor.

SPECED 498 INDEPENDENT STUDY 1-3 u
Repeatable for a maximum of 9 units in degree. Prereq: Consent of instructor.

PRACTICUM

SPECFLD 385/585 CROSS CATEGORICAL FIELD WORK 2 u

This field experience provides all students with the opportunity to observe and participate with classrooms for children with cross-categorical educational needs with cognitive delays, emotional/behavioral disorders and learning disabilities.

Prereq: Special Education major and SPECED 205, 324, 325, Admission to Professional Education. Coreq: SPECED 361; or Special Education minor and SPECED 205, 325, Admission to Professional Education; Coreq: SPECED 361 or EDUINDP 442

SPECFLD 410/610 GENERAL EDUCATION FIELD EXPERIENCES 3 u

Students seeking licensure in Special Education will complete a 150 hour assignment in a general education classroom where inclusionary practices for individuals with special needs are applied. The field experience provides opportunities to become familiar with the range of students' abilities; curricular focus; achievement expectations; enhancements, adaptations, and modifications of instruction; and collaborative practices of general and special educators.

Prereq: Special Education major, SPECED 361 and SPECFLD 385, Admission to Professional Education, Coreq: SPECED 458; or Special Education minor, SPECED 361 and SPECFLD 385 and Admission to Professional Education; Coreq: SPECED 458

SPECFLD 485/685A SPECIALIZATION FIELD WORK- COGNITIVELY DELAY 2 u

This field experience provides all students with the opportunity to observe and participate with classrooms for children within the specialization area of cognitively delays.

Prereq: SPECED 205, 324, 325, 361, SPECFLD 385, Admission to Professional Education. Coreq: SPECED 440

SPECFLD 485/685B SPECIALIZATION FIELD WORK- LEARNING DISABILITY 1 u

This field experience provides all students with the opportunity to observe and participate with classrooms for children within the specialization area of learning disabilities.

Prereq: SPECED 205, 324, 325, 361, SPECFLD 385, Admission to Professional Education. Coreq: SPECFLD 485C and SPECED 440

SPECFLD 485/685C SPECIALIZATION FIELD WORK- EMOTIONAL/BEHAVIORAL DISORDERS 1 u

This field experience provides all students with the opportunity to observe and participate with classrooms for children within the specialization area of emotional/behavioral disorders.

Prereq: SPECED 205, 324, 325, 361, SPECFLD 385, Admission to Professional Education. Coreq: SPECFLD 485B and SPECED 440

SPECIAL EDUCATION

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SPECFLD 489A DIRECTED TEACHING SPECIAL EDUCATION - COGNITIVE DISABILITY 5 u

Offered on a satisfactory/no credit basis only. Professional laboratory, classroom or center based experiences under the guidance of carefully selected, qualified cooperating teacher in classroom in the areas school districts or other approved sites. Repeatable.

Prereq: Pass Praxis II, have no incomplete grades or grades lower than C in SPECED or SPECFLD courses; 2.75 GPA Coreq: SPECFLD 489D, SPECED 470 and SPECED 480

SPECFLD 489B DIRECTED TEACHING SPECIAL EDUCATION - LEARNING DISABILITY 4 u

Offered on a satisfactory/no credit basis only. Professional laboratory, classroom or center based experiences under the guidance of carefully selected, qualified cooperating teacher in classroom in the areas school districts or other approved sites. Repeatable.

Prereq: Pass Praxis II, have no incomplete grades or grades lower than C in SPECED or SPECFLD courses Coreq: SPECFLD 489C, 489D, SPECED 470 and SPECED 480

SPECFLD 489C DIRECTED TEACHING SPECIAL EDUCATION - EMOTIONAL/BEHAVIORAL DISORDERS 4 u

Offered on a satisfactory/no credit basis only. Professional laboratory, classroom or center based experiences under the guidance of carefully selected, qualified cooperating teacher in classroom in the areas school districts or other approved sites. Repeatable.

Prereq: Pass Praxis II, have no incomplete grades or grades lower than C in SPECED or SPECFLD courses Coreq: SPECFLD 489B, 489D, SPECED 470 and SPECED 480

SPECFLD 489D DIRECTED TEACHING SPECIAL EDUCATION - CROSS CATAGORICAL 8 u

Offered on a satisfactory/no credit basis only. Professional laboratory, classroom or center based experiences under the guidance of carefully selected, qualified cooperating teacher in classroom in the areas school districts or other approved sites. Repeatable.

Prereq: Pass Praxis II, have no incomplete grades or grades lower than C in SPECED or SPECFLD courses Coreq: SPECFLD 489A, SPECED 470 and SPECED 480 or SPECFLD 489B, 489C, SPECED 470 and SPECED 480

COLLEGE OF LETTERS AND SCIENCES

(Title Page)

COLLEGE OF LETTERS AND SCIENCES

Phone: 262-472-1620

www.uwm.edu/cls/

Mary Pinkerton, Dean
 David Travis, Associate Dean
 Elizabeth Hachten, Assistant Dean and Coordinator of General Education
 Debra Heiber, Director of Advising, Letters and Sciences

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 Chemistry
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 Geography
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 History
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 Mathematical and Computer Sciences
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PROGRAM COORDINATORS

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 Foreign Languages
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 Peter Killoran
 Individually Designed Majors and Minors
 Elizabeth Hachten
 International Studies
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 Liberal Studies
 Richard Brooks
 Latin American Studies
 James P. Winship
 Management Computer Systems
 Robert L. Horton
 Public Policy and Administration
 Susan Johnson

Race and Ethnic Cultures
 Eugene Grigsby

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 Integrated Science-Business International Studies	Liberal Studies Management Computer Systems Mathematics Physics Political Science Psychology Public Policy and Administration Social Work Sociology Criminal Justice Emphasis Spanish Women's Studies
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Letters and Sciences majors may choose a minor from most of the areas listed above, or from the following:

Actuarial Mathematics Advertising Anthropology Art Art History Art Studio Art Management Asian Studies <ul style="list-style-type: none"> • General • Japanese Studies Biology Business Studies* <ul style="list-style-type: none"> • Accounting • Business Law • Information Technology • Finance • General Business • Management Business • Management HR • Management Production • Marketing Chemistry Athletic Coaching Education Communicative Disorders Computer Science Criminal Justice Dance Economics English <ul style="list-style-type: none"> • Literature • Writing • Prof. Writing/Book Publish Environmental Studies Environmental Management Family & Health Studies	German GIS Health Promotion History Human Services Foundation Individualized International Studies Journalism Latin American Studies Legal Studies Liberal Studies Library Media Public Special Mathematics Multimedia Design (Art) Multimedia (Communication) Music (General) Occupational Safety Philosophy Physical Science Physics Political Science Psychology Public Administration Public History Race and Ethnic Cultures Recreation & Leisure Studies Sociology Spanish Special Education-Non-licensure Speech (General) Speech (Public Relations) Teaching ESL to Adults Theatre Urban and Area Development Web Development & Administration
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Forensic Science
 French
 Geography
 Geology
 Gender and Ethnicity
 Certificate Program in Paralegal Studies
 Certificate Program in Lobbying
 Certificate Program in Web Development & Administration
 Certificate Program in Women's Studies

Women's Studies
 World Religions

*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.

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 and 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 (Emphasis available through Physics)
 Robert Benjamin, Physics
 Law
 Jolly Emrey, Political Science
 Medicine
 Peter Mesner, Biology
 Optometry
 Steve Sahyun, Physics
 Pharmacy
 Hephzibah Kumpaty, Chemistry
 Veterinary Medicine
 Ellen Davis, Biology

There are 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 end of your junior year, you may have part of your work in the professional school applied toward completion of the bachelor's degree at UW-Whitewater. Details must be worked out with the Dean of the College of Letters and Sciences prior to your junior year.

As a student in a pre-professional curriculum you will be assigned a faculty adviser who is familiar with the requirements for admission to professional schools. 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 transfer agreements with UW-Madison, UW-Milwaukee, and UW-Platteville (contact the Engineering Emphasis adviser or the chair of the Physics Department for details). For the Chiropractic program, transfer articulation programs to Chiropractic schools also exist.

(contact the Chiropractic 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 SOCIETIES

Alpha Delta Mu is a national social work honor society. The Beta Zeta Chapter, established at the University of Wisconsin-Whitewater on April 2, 1980, advances excellence in social work practice and encourages, stimulates, and maintains scholarship of the individual members in all fields, particularly in Social Work. Eligible individuals must have completed at least 6 units in social work, be at least junior standing, and have earned a minimum overall GPA of 3.5.

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 units 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.

Delta Phi Alpha is the National German Honor Society. The Sigma Delta chapter of the society was established at the UW-Whitewater in 2007. Initiates must be at least sophomore standing and have completed a minimum of two years of German at the university level with registration in an advanced course, earn a minimum grade average of 3.33 in all German courses taken as well as a minimum of 2.67 GPA in all courses of study at the university level, and also demonstrate continued interest in the study of German language and literature.

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 units 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 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 units 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 (300 or 400-level) or have completed two with current enrollment in a third, have attained a 3.0 GPA in Spanish courses and 2.75 overall GPA, and have completed at least three university semesters.

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

Association of Information Technology Professionals 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 AITP conferences.

English Club is an organization open to anyone interested in English language or literature.

French Club is an organization open to anyone interested in French language and culture.

German Club is an organization open to all students in German and to anyone interested in German culture.

The Law Society, co-sponsored by the Political Science Department and the Finance and Business Law Department, 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.

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.

Students in Physics Society 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.

The Student Math Association (<http://math.uww.edu/sma>) is a student chapter of the Mathematics Association of America whose purposes are to provide students majoring, minoring or just interested in math with information pertaining to the math field, and to encourage and inform about the use of math in every aspect of life.

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 units, including coursework to satisfy all of the General Education (Communication & Calculation Skills and University Requirements), Diversity, College Degree, and major and minor requirements. Students must have at least a 2.0 grade point average in the major and minor fields as well as a 2.0 UW-W overall grade point average. Certain majors and minors in the College require a grade point average above 2.0 in the major, minor and/or overall.

Students may earn either the Bachelor of Arts or the Bachelor of Science degree in the College of Letters and Sciences. The BA degree emphasizes preparation in the arts, foreign languages, humanities and social sciences, while the BS degree emphasizes preparation in mathematics and sciences.

Most students are required to complete both a major and a minor from the approved majors and minors listed in the Catalog. Consult the list on the L&S website or in the Degree Planning Guide at the College of L&S. The same course units may not be counted toward both a major and a minor.

BACHELOR OF ARTS

In addition to the University Requirements, students must complete the following BA degree requirements:

1. Upper Level Breadth Requirement
6 units at the 300-400 level in Arts, Humanities, Social Sciences or Race/Ethnic or Women's Studies, excluding courses in major and minor disciplines; not limited to Gen Ed courses or one course per discipline rule
2. Foreign Language Requirement
Completion of 2nd semester foreign language (Chinese, French, German, Spanish 142 or above; Japanese 102 or above) or demonstration of equivalent proficiency by appropriate score on placement examination. Exception: students who graduated high school before 2012 may satisfy this requirement with 2 years of the same foreign language in high school. One course taken to fulfill this requirement may count as an elective in the University Requirements.

BACHELOR OF SCIENCE

In addition to the University Requirements, students must complete the following BS degree requirements:

1. Two 4-5 unit laboratory science courses designated GL from 2 different disciplines (biology, chemistry, geology, geography, physics or astronomy), one of which may count in University Requirements.
2. 5 units in math beyond 141 or 3 units in math beyond 141 and 3 units in computer science courses (not limited to GM courses, but may count in University Requirements if they are GM).

GENERAL DIVISION**LSINDP 100 FOREIGN FILM APPRECIATION GH 1 u**

This course seeks to expand the cinematic horizon of course participants and to expose them to historical, social, economic, and political issue of foreign cultures through film.

LSINDP 399 CAREER INFORMATION IN ARTS & COMMUNICATION, LETTERS AND SCIENCES 1 u

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: ACINDP 399.

LSINDP 490/690 WORKSHOP Repeatable 1-3 u**LSINDP 491/691 TRAVEL STUDY Repeatable 1-3 u****LSINDP 496/696 SPECIAL STUDIES Repeatable 1-3 u****LSINDP 498 INDEPENDENT STUDY Repeatable 1-3 u****INTERDEPARTMENTAL COURSES****PAX 200 INTRODUCTION TO PEACE AND SOCIAL JUSTICE 3 u**

Introduction to Peace and Social Justice teaches an interdisciplinary approach to understanding peace -- as more than the absence of war. It explores multiple ways to create the conditions where social justice can flourish from global to local levels. Themes: non-violence, conflict resolution, human rights, environmental sustainability, and social inequality. Prereq: Completion of GENED 120, 130 or 140

PAX 488 SPECIAL TOPICS IN PEACE AND SOCIAL JUSTICE 3 u

The Capstone Special Topics teaches interdisciplinary analytical approaches to peace and social justice. Based on the sponsoring department, the topics under investigation will vary. Students will learn peace-building skills through theoretical and practical exercises and active participation in the face of fundamental environmental, economic and human crises. Prereq: PAX 200

INTERDEPARTMENTAL MAJORS AND MINORS

International and Area Studies - Refer to *International and Area Studies Section*.

International Studies Major
Asian Studies Minor
International Studies Minor
Latin American Studies Minor

Integrated Science - Business Major - Refer to *Biology Department*

Criminal Justice Minor - Refer to *Sociology, Anthropology and Criminal Justice Department*.

Environmental Studies Minor - Refer to *Geography & Geology Department*.

Family and Health Studies - Refer to *Sociology Department*

Human Services Foundation Minor - Refer to *Social Work Department*

Liberal Studies Major - Refer to *Philosophy and Religious Studies Department*

Physical Science Minor - Refer to *Physics Department*

Public Policy and Administration Major - Refer to *Political Science Department*

SOCIAL STUDIES BROADFIELD MAJOR (BSE)

Open only to students pursuing teacher licensure. This major consists of at least 53 hours in a program approved by the College of Education. This program must follow either of two basic guidelines:

1. A 33-34 unit concentration in any approved area of social studies and 20-21 units in at least two other areas of social studies.
2. A 21-22 unit concentration in any approved area of social studies and 32-33 units in at least three other areas of social studies.

If courses in the major are used to satisfy General Education requirements, the program can be completed within 120 units. 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 ECON 213, Economic Principles for Secondary Teachers. The requirement for instruction in conservation may be met by the completion of GEOGRPY 252 Human Environmental Problems, or BIOLOGY 214 Ecology and Society.

History certification for holders of Social Studies (701) license: 15 units of upper level (300 or 400) history courses distributed as follows: 6 units of U.S. History, 6 units of European History, and 3 units of African, Asian, Latin American or Middle-Eastern History. All 15 units 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 units.

There are ten 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 with Social Studies Emphasis

Political Science Option I
Political Science Option II
Psychology Option I
Psychology Option II
Sociology Emphasis

ELEMENTARY EDUCATION MAJOR

Elementary Education majors who have a minor in English, Foreign Language, Mathematics or Social Studies (Economics, Geography, History, Political Science, Psychology or Sociology) may be certified to grade 9 with the addition of the appropriate Secondary Education methods course and Secondary Education Observation and Participation.

GENERAL SCIENCE ELEMENTARY MINOR

This is a broadfield, general science minor for students majoring in elementary education. It is intended to insure breadth of science preparation, with training from each of the four areas: biology, chemistry, physical geography/geology, and physics/astronomy. This general, introductory background from the specified courses would be appropriate for conducting science classes in the elementary schools.

MINOR - 24 UNITS

1. BIOLOGY 214 AND AT LEAST 3 ADDITIONAL UNITS FROM BIOLOGY COURSES. BIOLOGY 120 IS RECOMMENDED
2. SELECT 4-5 UNITS FROM CHEMISTRY COURSES. CHEM 100 IS RECOMMENDED, CHEM 102 WOULD BE ACCEPTABLE.
3. SELECT 4-5 UNITS FROM PHYSICAL GEOGRAPHY OR GEOLOGY COURSES. EITHER GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 IS RECOMMENDED.
4. PHYSCS 212 AND ASTRONMY 114
5. ADDITIONAL UNITS TO TOTAL AT LEAST 24 UNITS MUST BE SELECTED FROM COURSES: GEOLGY 204, GEOLGY 205, GEOLOGY 300, GEOLGY 307, PHYSCS 100, PHYSCS 120, OR PHYSCS 240

PEACE AND JUSTICE STUDIES MINOR

MINOR - 24 UNITS

1. PAX 200
2. COMM 328
3. PAX 488
4. FIVE ELECTIVE COURSES MUST BE CHOSEN FROM AMONG THE THEMATIC GROUPS, WITH NOT MORE THAN 2 COURSES FROM THE SAME GROUP:
 GROUP I: PHILOSOPHY, RELIGION, AND IDENTITY:
 ENGLISH 363, PHILOSOPHY 245, PHILOSOPHY 248, RELIGST 330, POLISCI 414, RELIGST 135, WOMENST 392, COMM 228
 GROUP II: INTERNATIONAL CONFLICT, CONFLICT RESOLUTION, AND TRANSNATIONAL INSTITUTIONS:
 GEOGRPY 332, HISTRY 150, HISTRY 324, HISTRY 338, POLISCI 340, POLISCI 350, POLISCI 351, POLISCI 463, POLISCI 464, POLISCI 471
 GROUP III: ENVIRONMENTAL SUSTAINABILITY, GLOBALIZATION, AND ECONOMIC INTERDEPENDENCE:
 ECON 359, ECON 431, ECON 471, GEOGRPY 252, GEOGRPY 452, GEOGRPY 455, SOCIOLGY 319, SOCIOLGY 385
 GROUP IV: SOCIAL AND RACIAL JUSTICE:
 ENGLISH 265, RACEETH 368, MANGEMNT 366, SOCIOLGY 265, SOCIOLGY 340, SOCIOLGY 393, COMM 424, WOMENST 370, POLISCI 365

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 - 24 UNITS

1. SELECT 3 UNITS FROM EACH OF THE 3 HISTORY GROUPS FOR A TOTAL OF 9 CREDITS: (A) HISTRY 124 OR HISTRY 125 OR HISTRY 311; (B) HISTRY 154 OR HISTRY 155; (C) HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 336, HISTRY 337, HISTRY 340, HISTRY 342 OR HISTRY 343
2. SELECT 3 UNITS FROM BEHAVIORAL SCIENCE COURSES: SOCIOLGY 240, PSYCH 211 OR ANTHROPL 218
3. GEOGRYP 230
4. ECON 213
5. POLISCI 141
6. SELECT 3 UNITS FROM ANY OF THE FOLLOWING COURSES: ECON 401, ECON 354, GEOGRPY 361, GEOGRPY 362, GEOGRPY 364, GEOGRPY 365, GEOGRPY 368, GEOGRPY 332, GEOGRPY 334, GEOGRPY 340, GEOGRPY 344, POLISCI 250, POLISCI 255, POLISCI 351, PSYCH 211, PSYCH 304, PSYCH 355, PSYCH 331, PSYCH 332, SOCIOLGY 240, SOCIOLGY 252, SOCIOLGY 265, SOCIOLGY 276 OR (ANY BEHAVIORAL SCIENCE COURSE LISTED ABOVE THAT HAS NOT BEEN TAKEN OR ANY HISTORY COURSE LISTED ABOVE THAT HAS NOT BEEN TAKEN).

Either PSYCH 355 or SOCIOLGY 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. Contact the Assistant Dean of the College of Letters & Science to set up an advising appointment.

OPTION I WITH A MINOR

MAJOR - 33 UNITS

1. SELECT 33 UNITS IN CONSULTATION WITH INDIVIDUALLY DESIGNED MAJOR COMMITTEE. THE MAJOR MAY INCLUDE NO MORE THAN 21 UNITS IN ANY ONE DEPARTMENT AND MUST INCLUDE AT LEAST 7 UNITS IN COURSES NUMBERED 300 OR ABOVE. AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

OPTION II WITHOUT A MINOR

MAJOR - 54 UNITS

1. SELECT 54 UNITS IN CONSULTATION WITH

INDIVIDUALIZED MAJOR COMMITTEE. THE MAJOR MAY INCLUDE NO MORE THAN 24 UNITS IN ANY ONE DEPARTMENT AND MUST INCLUDE AT LEAST 27 UNITS IN COURSES NUMBERED 300 OR ABOVE. NO MINOR IS REQUIRED.

DEPARTMENT OF BIOLOGICAL SCIENCES

Phone: 262-472-1092 E-Mail: biologsci@uwm.edu

Writing Proficiency Requirement: See the Assistant Dean of the College of Letters & Sciences 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 a detailed outline of the major and a statement of its rationale and goals to the College Committee on Individually Designed Majors for its approval. The proposed 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 units from any one department for fulfillment of total degree requirements. It is a requirement that over half the units in either option must be in courses numbered 300 or above. At least 50 percent of the units 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 units 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: Assistant Dean, College of Letters and Sciences, who Chairs the Committee on Individually Designed Majors.

INDIVIDUALLY DESIGNED MINOR

MINOR - 24 UNITS

1. SELECT 24 UNITS IN CONSULTATION WITH ADVISOR AND ASSISTANT DEAN OF COLLEGE OF LETTERS AND SCIENCES
2. IF MORE THAN 15 UNITS 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 UNITS PROPOSED FOR THE MINOR MUST BE EARNED AFTER THE PLAN HAS BEEN APPROVED. IF MORE THAN 12 UNITS ARE FROM A SINGLE COLLEGE OUTSIDE OF LETTERS & SCIENCES, APPROVAL OF THE DEAN OF THAT COLLEGE IS REQUIRED. NO MORE THAN 9 UNITS FROM THE MAJOR DISCIPLINE(S) MAY BE INCLUDED.

A statement of the content, nature and rationale of your proposed individualized minor must be approved by your major department. The minor should consist primarily of courses above the general survey level. Further, the proposed minor shall be sent to the Office of the Assistant Dean of the College of Letters and Sciences for the Dean's approval.

The minor should be prepared early in your college career, preferably before the second term of your junior year. Any substantial subsequent changes in your minor should be approved by your major department and the Dean.

The responsibility for certifying that you have met the requirements of your minor rests with the department of your major, if you are a Letters and Sciences major. For students not Letters and Sciences majors, the responsibility of certifying the completion of the minor on the application for diploma rests with the College of Letters and Sciences. Contact the Assistant Dean, College of Letters & Sciences for information and advising in the individualized minor.

Faculty: Eric Brown, Catherine Chan, George Clokey, Kirsten Crossgrove, Kristen Curran, Ellen Davis, Bruce Eshelman, Elisabeth Harrahy, Kerry Katovich, Robert Kuzoff, Anneke Lisberg, Peter Mesner, Stephen Solheim, Daryle Waechter-Brulla (Chairperson), Michael Woller, Brett Woods.

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

Students may elect one of eight emphases in the Biological Sciences major. Note the following concerning these emphases. The marine biology and freshwater ecology emphasis requires that students spend their senior year studying at Deakin University in Australia. Students, particularly those intending to go to graduate school, are also encouraged to consider the Biology Honors emphasis. The Pre-Biomedical Professions emphasis was designed for students intending to enter medical, veterinary or dental school, although students planning careers in the allied health fields may want to consider this emphasis as well. Finally, students considering any of these health-related careers should also consider Cell/Physiology or Biology Honors emphases.

BIOLOGY-CELL/PHYSIOLOGY (BA/BS)

MAJOR - 40 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. BIOLOGY 253, BIOLOGY 254 AND BIOLOGY 257
3. BIOLOGY 311 OR BIOLOGY 363
4. BIOLOGY 390 AND BIOLOGY 400
5. ONE TO SIX UNITS COMBINED OF THE FOLLOWING: BIOLOGY 493, BIOLOGY 498, BIOLOGY 498R, BIOLOGY 491 (DEPT APPROVAL REQUIRED)
6. AT LEAST THREE OF THE FOLLOWING: BIOLOGY 301, BIOLOGY 311, BIOLOGY 340, BIOLOGY 341, BIOLOGY 345, BIOLOGY 361, BIOLOGY 362, BIOLOGY 364, BIOLOGY 412, BIOLOGY 415, AND BIOLOGY 456

188 BIOLOGICAL SCIENCES

7. SELECT ADDITIONAL UNITS OF BIOLOGY ELECTIVES NUMBERED 300 OR ABOVE, EXCEPT FOR BIOLOGY 303, BIOLOGY 493 AND BIOLOGY 498, OR BIOLOGY 498R TO TOTAL 40 UNITS IN THE MAJOR

MAJOR - UNIQUE REQ & WRITNG - 23-27 UNITS

1. BIOLOGY 200 OR BIOLOGY 303 OR ENGLISH 372
2. MATH 152, MATH 243 OR MATH 250
3. CHEM 102, CHEM 104, CHEM 251, CHEM 252
4. BIOLOGY 303 OR PSYCH 215
5. BOTH PHYSCS 140 AND PHYSCS 141 OR BOTH PHYSCS 180 AND PHYSCS 181 ARE HIGHLY RECOMMENDED

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

BIOLOGY-ECOLOGY/FIELD (BA/BS)

MAJOR - 40 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. BIOLOGY 253, BIOLOGY 254, BIOLOGY 257 AND BIOLOGY 258
3. BIOLOGY 353, BIOLOGY 446 AND BIOLOGY 457
4. BIOLOGY 390 AND BIOLOGY 400
5. ONE TO SIX UNITS OF THE FOLLOWING:
 - a. BIOLOGY 354 OR BIOLOGY 451 OR BIOLOGY 491
 - b. BIOLOGY 493
 - c. BIOLOGY 498
6. SELECT ADDITIONAL UNITS OF BIOLOGY ELECTIVES ABOVE 300 EXCEPT FOR BIOLOGY 303, BIOLOGY 493 AND BIOLOGY 498, TO TOTAL 40 UNITS IN THE MAJOR

MAJOR - UNIQUE REQ & WRITNG - 18-22 UNITS

1. MATH 152 OR MATH 243 OR MATH 250
2. BIOLOGY 303 OR PSYCH 215
3. CHEM 102 AND CHEM 104
4. ONE ADDITIONAL CHEMISTRY COURSE NUMBERED ABOVE 200
5. BIOLOGY 200 OR BIOLOGY 303 OR ENGLISH 372
6. PHYSCS 140 AND PHYSCS 141 OR BOTH PHYSCS 180 AND PHYSCS 181 ARE RECOMMENDED.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

BIOLOGY - HONORS EMPHASIS

MAJOR - 54 UNITS

(3.40 COMBINED CUMULATIVE GPA; 3.40 GPA WITHIN THE MAJOR)

1. BIOLOGY 303
2. BIOLOGY 141 AND BIOLOGY 142
3. BIOLOGY 251, BIOLOGY 253, BIOLOGY 254 AND BIOLOGY 257
4. BIOLOGY 446
5. BIOLOGY 390, BIOLOGY 400
6. BOTH PHYSCS 140 AND 141 OR BOTH PHYSCS 180 AND 181
7. BIOLOGY 499 (FIRST SEMESTER) - COMPLETE 2 UNITS THESIS IN BIOLOGY
8. BIOLOGY 499 (SECOND SEMESTER) - COMPLETE 3 UNITS THESIS IN BIOLOGY
9. SELECT ADDITIONAL UNITS OF BIOLOGY ELECTIVES NUMBERED ABOVE 250 EXCEPT FOR BIOLOGY 303, BIOLOGY 498R AND BIOLOGY 499, TO TOTAL 54 UNITS IN THE MAJOR

UNIQUE AND WRITING REQUIREMENTS - 20 UNITS

1. MATH 253
2. CHEM 102, CHEM 104

LETTERS AND SCIENCES

3. SELECT FIVE ADDITIONAL UNITS OF CHEMISTRY NUMBERED ABOVE 200

NO MINOR IS REQUIRED

BIOLOGY - MARINE BIOLOGY AND FRESHWATER ECOLOGY (BA/BS)

MAJOR - 54 UNITS

SATISFACTION OF THIS EMPHASIS REQUIRES TWO SEMESTERS OF STUDY AT DEAKIN UNIVERSITY IN AUSTRALIA

1. MATH 152, MATH 253 OR MATH 254
2. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
3. BIOLOGY 253, BIOLOGY 257 AND BIOLOGY 258
4. BIOLOGY 370, BIOLOGY 446 AND BIOLOGY 457
5. BIOLOGY 390, BIOLOGY 400
6. GEOGRPY 323
7. SELECT 0-5 UNITS OF PHYSCS 130 OR PHYSCS 140 OR PHYSCS 180
8. SELECT ADDITIONAL UNITS OF BIOLOGY NUMBERED ABOVE 300, EXCEPT FOR BIOLOGY 303, TO TOTAL 54 UNITS IN THE MAJOR. TYPICALLY THESE CREDITS WILL CONSIST OF TRANSFER CREDITS FROM DEAKIN INCLUDING MARINE BIOLOGY AND WATER QUALITY WHICH ARE REQUIRED.

MAJOR - UNIQUE REQ & WRITNG - 24-26 UNITS

1. BIOLOGY 303 OR PSYCH 215
2. BIOLOGY 200 OR BIOLOGY 303 OR ENGLISH 372
3. CHEM 102, CHEM 104, CHEM 251, AND CHEM 261
4. AT LEAST 4 ADDITIONAL UNITS OF CHEMISTRY NUMBERED GREATER THAN 251.

NO MINOR IS REQUIRED

BIOLOGY-EARLY ENTRANCE PRE-PROFESSIONAL EMPHASIS

Must have 24 or higher Math ACT subscore to qualify for emphasis.

MAJOR - 59-60 UNITS

1. BIOLOGY 141, BIOLOGY 142, BIOLOGY 200, BIOLOGY 251, BIOLOGY 253, AND BIOLOGY 300
2. CHEM 102, CHEM 104, CHEM 251, CHEM 252, CHEM 261 AND CHEM 456
3. MATH 152 AND MATH 253
4. SELECT ONE GROUP:
 - a. PHYSCS 160, PHYSCS 161, PHYSCS 162, PHYSCS 163
OR
 - b. PHYSCS 170, PHYSCS 172, PHYSCS 173, PHYSCS 174, PHYSCS 175
5. STUDENT MUST TRANSFER BACK AN ADDITIONAL 30 UNITS, THAT HAVE BEEN PRE-APPROVED BY THE DEPARTMENT CHAIR, FROM AN APPROVED, ACCREDITED HEALTH PROFESSIONAL SCHOOL TO COMPLETE THE DEGREE.

THE REQUIREMENT OF 15 UNITS TAKEN AT UW-WHITEWATER IMMEDIATELY PRIOR TO GRADUATION WILL BE WAIVED.

BIOLOGY - PRE-BIOMEDICAL PROFESSIONS EMPHASIS

MAJOR 54 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251

2. BIOLOGY 253, BIOLOGY 254 AND BIOLOGY 257
3. BIOLOGY 311 OR BIOLOGY 363
4. ONE OF THE FOLLOWING:
 - a. BIOLOGY 340 AND BIOLOGY 345
 - b. BIOLOGY 361 AND BIOLOGY 362 (INTENDED FOR PARAMEDICAL PROFESSIONS ONLY)
5. BIOLOGY 390 AND BIOLOGY 400
6. AT LEAST ONE OF THE FOLLOWING COURSES: MATH 253, CHEM 261, CHEM 262, BIOLOGY 456
7. ONE OF THE FOLLOWING:
 - a. PHYSCS 140 AND PHYSCS 141
 - b. PHYSCS 180 AND PHYSCS 181
8. ONE TO SIX UNITS COMBINED OF THE FOLLOWING: BIOLOGY 493, BIOLOGY 498, BIOLOGY 498R, OR BIOLOGY 491 (DEPT APPROVAL REQUIRED)
9. SELECT ADDITIONAL UNITS OF BIOLOGY ELECTIVES NUMBERED 300 OR ABOVE, EXCEPT FOR BIOLOGY 303, BIOLOGY 493, BIOLOGY 498, OR BIOLOGY 498R, TO TOTAL 54 UNITS IN THE MAJOR

UNIQUE AND WRITING REQUIREMENTS 23-27 UNITS

1. MATH 152, MATH 243, MATH 250, OR MATH 253
2. BIOLOGY 200 OR BIOLOGY 303 OR ENGLISH 372
3. CHEM 102, CHEM 104, CHEM 251, CHEM 252
4. BIOLOGY 303 OR PSYCH 215

NO MINOR REQUIRED

BIOLOGY-CELL/PHYSIOLOGY (BSE)

LICENSURE - 41 UNITS

1. SPECED 205
2. BIOLOGY 257
3. FOUNDATIONS BLOCK: EDFOUND 212, EDFOUND 243 AND EDFNDPRC 210
4. EDFOUND 425
5. SECNDED 466
6. SECNDED 429 AND 3 UNITS OF CIFLD 492
7. SELECT ONE OF THE TWO DIRECTED TEACHING GROUPS
 - A. CIFLD 402 AND 12 UNITS OF CIFLD 414
 - B. CIFLD 404 AND 12 UNITS OF CIFLD 412

MAJOR - 41 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. BIOLOGY 253, BIOLOGY 254, BIOLOGY 257
3. BIOLOGY 258 OR BIOLOGY 451
4. BIOLOGY 311
5. SELECT ONE OF THE FOLLOWING:
 - A. BIOLOGY 340 AND BIOLOGY 345
 - B. BIOLOGY 361 AND BIOLOGY 362
6. BIOLOGY 446
7. BIOLOGY 390 AND BIOLOGY 400
8. SELECT AT LEAST ONE UNIT OF BIOLOGY 498R

MAJOR - UNIQUE REQ & WRITNG - 21-24 UNITS

1. BIOLOGY 200 OR ENGLISH 372
2. CHEM 102 AND CHEM 104
3. CHEM 251 AND CHEM 252
4. MATH 152 OR MATH 243 OR MATH 250
5. PHYSCS 140 AND PHYSCS 141 OR PHYSCS 180 AND PHYSCS 181 ARE STRONGLY RECOMMENDED

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

BIOLOGY-ECOLOGY/FIELD (BSE)

LICENSURE - 41 UNITS

1. SPECED 205
2. BIOLOGY 257
3. FOUNDATIONS BLOCK: EDFOUND 212, EDFOUND 243 AND EDFNDPRC 210
4. EDFOUND 425
5. SECNDED 466
6. SECNDED 429 AND 3 UNITS OF CIFLD 492
7. SELECT ONE OF THE TWO DIRECTED TEACHING GROUPS
 - A. CIFLD 402 AND 12 UNITS OF CIFLD 414
 - B. CIFLD 404 AND 12 UNITS OF CIFLD 412

MAJOR - 40 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. BIOLOGY 253, BIOLOGY 254, BIOLOGY 257, AND BIOLOGY 258
3. BIOLOGY 353, BIOLOGY 446 AND BIOLOGY 457
4. BIOLOGY 390 AND BIOLOGY 400
5. SELECT ONE UNIT OF BIOLOGY 498R
6. BIOLOGY 311 AND BIOLOGY 340 ARE STRONGLY RECOMMENDED
7. SELECT ADDITIONAL UNITS OF BIOLOGY NUMBERED ABOVE 300, EXCEPT BIOLOGY 303, TO TOTAL 40 UNITS IN THE MAJOR

MAJOR - UNIQUE REQ & WRITNG - 21-26 UNITS

1. BIOLOGY 200 OR ENGLISH 372
2. CHEM 102 AND CHEM 104
3. ONE ADDITIONAL CHEMISTRY COURSE NUMBERED ABOVE 200
4. MATH 152 OR MATH 243 OR MATH 250
5. PSYCH 215 OR BIOLOGY 303
6. PHYSCS 140 AND PHYSCS 141 OR PHYSCS 180 AND PHYSCS 181 ARE STRONGLY RECOMMENDED

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINORS/EMPHASES**BIOLOGY**

MINOR - 24 UNITS

1. BIOLOGY 141, BIOLOGY 142 AND BIOLOGY 251
2. SELECT 10 UNITS FROM BIOLOGY IN CONSULTATION WITH ADVISOR. ELECTIVES MUST BE NUMBERED ABOVE BIOLOGY 251.

UNIQUE CHEMISTRY REQUIREMENT - 10 UNITS

1. CHEM 102 AND CHEM 104

BIOLOGY EDUCATION EMPHASIS

MINOR - 24 UNITS

1. BIOLOGY 141 AND BIOLOGY 142
2. BIOLOGY 257
3. BIOLOGY 251 AND BIOLOGY 446
4. SELECT ADDITIONAL UNITS OF BIOLOGY ELECTIVES ABOVE 251 EXCEPT FOR BIOLOGY 303, BIOLOGY 492, BIOLOGY 493 AND BIOLOGY 498, TO TOTAL 24 UNITS IN THE MINOR

UNIQUE REQUIREMENTS

1. CHEM 102 AND CHEM 104

COURSE DESCRIPTIONS

Field trips may be required for any of the courses.

BIOLOGY 110 BOB: BIOLOGY OF THE BRAIN* GM 3 u

A freshman-level introductory course that will cover broad topics of scientific method, scientific thinking, and initiate critical thinking skills using the field of neuroscience as the backdrop for investigation. Basic understanding of nerve biology, nerve cell function and communication between nerve cells. The course will climax with a survey of the final product of nerve activity: behavior. Not applicable to Biology Emphases or Biology Minors. Three hours of lecture per week.

Coreq: MATH 140 or MATH 141 or waiver thereof.

BIOLOGY 120 BIOLOGICAL FOUNDATIONS* GL 4 u

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. Not applicable to Biology emphases or minors. Three lectures and two hours of laboratory per week.

Coreq: MATH 140 or MATH 141 or equivalent.

BIOLOGY 141 INTRODUCTORY BIOLOGY I GL 5 u

An introduction to biology emphasizing the chemistry of life, the cell, metabolism, genetics, bacteria and protists. Three hours of lecture and one hour of discussion and two hours of laboratory per week. This course is prerequisite to all advanced courses in biology for majors and minors. Offered every term.

Coreq: MATH 141

BIOLOGY 142 INTRODUCTORY BIOLOGY II GL 5 u

An introduction to biology emphasizing evolution, animal physiology, ecology, fungal, plant and animal diversity. Dissections are required. Three hours of lecture, one hour of discussion and two hours of laboratory per week. This course is prerequisite to all advanced courses in biology for majors and minors. Offered every term.

Prereq: BIOLOGY 141 with a grade of C or better.

BIOLOGY 200 WRITING IN BIOLOGY 2 u

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 units do not apply towards any Biology major or minor.

Prereq: ENGLISH 102, BIOLOGY 141 and BIOLOGY 142 all with a grade of C or better.

BIOLOGY 214 ECOLOGY AND SOCIETY* GM 3 u

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. Offered every term.

BIOLOGY 225 SCIENCE OF FORENSIC ANALYSIS 4 u

This is an introduction to the "Science" of Forensic Sciences. Students will understand what forensic science is and more importantly what it is not. Students will develop an understanding of the forensic scientist's need for different lab skills from different fields of science and develop a "Forensic Mindset".

BIOLOGY 251 INTRODUCTION TO GENETICS 4 u

An introduction to the general principles of inheritance; subjects included are basic transmission genetics, molecular genetics, genetic engineering, mutations, and population genetics. Three hours of lecture and three hours of lab per week. Offered every term.

Prereq: BIOLOGY 141, BIOLOGY 142 and CHEM 102, all with a grade of C or better Unreq: BIOLOGY 413.

BIOLOGY 253 INTRODUCTION TO CELL BIOLOGY 3 u

Introduction to the chemical and physical bases of life; bacterial and eukaryotic cell structure and function; cellular respiration; photosynthesis; and molecular biology. Three hours of lecture per week. Offered every term.

Prereq: BIOLOGY 142 with a grade of C or better and CHEM 102 with a grade of C or better. Coreq: CHEM 104.

BIOLOGY 254 BIOTECHNOLOGY LABORATORY METHODS I 2 u

Introduction to theory and practice in modern molecular biology labs, including principles of nucleic acid isolation/quantitation/manipulation, photometry, centrifugation, electrophoresis, and assay methods. Exercises include basic lab methods and techniques, DNA analysis including cloning, polymerase chain reaction (PCR) restriction digests and RNA analysis. Three hours laboratory per week.

Prereq: BIOLOGY 251 with a grade of C or better and CHEM 104 with a grade of C or better.

BIOLOGY 257 INTRODUCTION TO ECOLOGY 3 u

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 term.

Prereq: BIOLOGY 141 and BIOLOGY 142 with a grade of "C" or better. Unreq: BIOLOGY 214

BIOLOGY 258 FIELD EXPERIENCE 2 u

Introduction to regional terrestrial and aquatic biological communities and field techniques for studying these communities. Field work and lectures will emphasize recognition of biotic community types, interpretation of their dynamics, and methods for identifying and surveying organisms. Weekend field trip required. Registration priority given to Ecology/Field majors.

Prereq: BIOLOGY 141 and 142 with a grade of "C" or better. Coreq: BIOLOGY 257

BIOLOGY 301 INTRODUCTION TO BEHAVIORAL NEUROSCIENCE 3 u

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: PSYCH 211 or 4 units of biology or BIOLOGY 110.

Unreq: PSYCH 301

BIOLOGY 303 PLANNING AND PRESENTING BIOLOGICAL RESEARCH 4 u

Students will learn fundamentals of hypothesis formation and testing, experimental design, and to evaluate research methodologies published in the biological literature. Students will write about their own research, and become familiar with the standards for publication of research results. Critical analysis of quantitative methods in biology. Recommended for the Ecology and Field Biology emphasis; strongly encouraged for Cell Biology and Physiology emphasis.

Prereq: BIOLOGY 141 and BIOLOGY 142 with a grade of "C" or better and MATH 141 with a grade of "C" or better.

BIOLOGY 311 MICROBIOLOGY 4 u

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 term.

Prereq: BIOLOGY 141, BIOLOGY 142, BIOLOGY 251, BIOLOGY 253, CHEM 102 and CHEM 104; all with a grade of "C" or better. Recommended corequisite CHEM 251.

BIOLOGY 315 BIRDING IN SOUTHERN WISCONSIN 3 u
An introduction to birding skills and the identification of the more than 200 bird species of southern Wisconsin. Early morning field trips are mandatory. Online lectures and learning activities alternate with outdoor field trips. Reliable computer and on-line access as well as a strong sense of self-discipline are required.
Prereq: Sophomore standing, C or better in previous GL course and permission of the instructor all required.

BIOLOGY 317 PLANT PHYSIOLOGY 3 u
Organized around the growth of plants stressing the living processes. The laboratory emphasizes nutrition, growth, hormones, water relations, photosynthesis, respiration and bioassay techniques.
Prereq: BIOLOGY 141 and BIOLOGY 142 with a grade of "C" or better or equivalents.

BIOLOGY 340 COMPARATIVE VERTEBRATE ANATOMY 4 u
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.
Prereq: BIOLOGY 141 and BIOLOGY 142 with a grade of "C" or better.

BIOLOGY 341 DEVELOPMENTAL BIOLOGY 4 u
Explores the processes of embryonic development in plants and animals, emphasizing the experimental basis of contemporary knowledge in embryogenesis, morphogenesis, and in cell and tissue differentiation. The laboratory illustrates principles and processes in early development and includes the use of basic microscopy and imaging techniques to study embryonic processes. Skills in observation, experimental design, and data presentation will be developed.
Prereq: BIOLOGY 251 and BIOLOGY 253 with a grade of "C" or better or equivalents.

BIOLOGY 345 ANIMAL PHYSIOLOGY 4 u
A study of the functional mechanisms that underlie the life processes in animals. Six hours of laboratory and lecture per week.
Prereq: BIOLOGY 253 with a grade of "C" or better or equivalents.

BIOLOGY 351 THE PLANT KINGDOM 3 u
A study of the major groups of plants with emphasis on structure, reproduction, classification and evolution.
Prereq: BIOLOGY 141 and BIOLOGY 142 with a grade of "C" or better or equivalents.

BIOLOGY 353 PLANT TAXONOMY 3 u
The principles of plant classification and identification, with emphasis on flowering plants of this region. Lectures, laboratories and field trips.
Prereq: BIOLOGY 141 and BIOLOGY 142 with a grade of "C" or better or cons instr.

BIOLOGY 354 FIELD BOTANY 3 u
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.
Prereq: BIOLOGY 141 or an equivalent introductory botany course or consent of instructor.

BIOLOGY 361 HUMAN ANATOMY AND PHYSIOLOGY I 4 u
A study of the structure and function of the human body at the level of organs and systems. This course covers the following topics: anatomical structure, basic histology, bones, muscles, and nervous system. Three hours of lecture and three hours of laboratory per week.
Prereq: BIOLOGY 120 or BIOLOGY 141 and BIOLOGY 142 all with a grade of "C" or better or consent of instructor.

BIOLOGY 362 HUMAN ANATOMY AND PHYSIOLOGY II 4 u
A study of the structure and function of the human body at the level of organs and systems. This is the second term course of a two term sequence. This course represents coverage of the following topics: endocrinology, circulatory system, cardiac system, lymphatic system, respiration, digestion and metabolism, renal system, and reproduction and development. Three hours of lecture and three hours of laboratory per week.
Prereq: BIOLOGY 361 with a grade of "C" or better or consent of instructor.

BIOLOGY 363 MOLECULAR BIOLOGY 3 u
The study of how nucleic acids and proteins interact to control the cell. Topics include DNA replication, chromosome structure, transcription, translation, control of gene expression, gene evolution and genomics. Experimental approaches to studying molecular biology are emphasized. Three hours of lecture per week.
Prereq: BIOLOGY 251 AND BIOLOGY 253 with a grade of "C" or better
Coreq: CHEM 251

BIOLOGY 364 BIOTECHNOLOGY LABORATORY METHODS II 2 u
Advanced theory, techniques, and practices employed in modern molecular/cell biology labs. Concepts/techniques covered will include advanced lab and instrumentation skills, advanced microscopy, eukaryotic cell culture, protein analytical methods, and application of bioinformatics methodology. Three hours of laboratory per week.
Prereq: BIOLOGY 251, 253 AND 254 all with a grade of "C" or better
Coreq: BIOLOGY 363 AND CHEM 251

BIOLOGY 370 AQUATIC BIOLOGY 3 u
The study of aquatic environment, its fauna, flora and general ecology. The laboratory will emphasize the taxonomic study of aquatic organisms.
Prereq: BIOLOGY 141, BIOLOGY 142, BIOLOGY 257 and CHEM 102 all with a grade of "C" or better or equivalents.

BIOLOGY 375 INVERTEBRATE ZOOLOGY 3 u
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.
Prereq: BIOLOGY 141 and BIOLOGY 142 with a grade of "C" or better or equivalents.

BIOLOGY 390 BIOLOGY COLLOQUIUM .5 u
Lectures on current research and career opportunities in biology through the colloquium format. Required of Biology majors. Offered on a satisfactory/no credit basis every term. May not be taken concurrently with Senior Biology Colloquium.
Prereq: Biology 141, Biology 142 and Sophomore standing or higher.

BIOLOGY 400 SENIOR BIOLOGY COLLOQUIUM .5 u
Continuation of Biological Sciences BIOLOGY 390. Lectures on current research and career opportunities in biology through the colloquium format. Required of Biology majors. Offered on a satisfactory/no credit basis only. Offered every term. May not be taken concurrently with BIOLOGY 390.
Prereq: Biology 141, Biology 142 and Senior standing.

BIOLOGY 412 IMMUNOLOGY 3 u
Immunity to infectious diseases related to changes in the constituents of the blood is explored. Transplantation of tissues, allergies, and autoimmune diseases are discussed. Two hours of lecture and two hours of laboratory per week.
Prereq: BIOLOGY 251 and BIOLOGY 253 with a grade of "C" or better or equivalents.

BIOLOGY 415 ENDOCRINOLOGY 3 u
A study of the hormonal regulation of metabolism, growth and reproduction.

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This course is a survey of endocrine and neuroendocrine mechanisms in humans and higher vertebrates. Two hours of lecture, two hours of laboratory per week.

Prereq: BIOLOGY 253 with a grade of "C" or better

BIOLOGY 430 ANIMAL BEHAVIOR 3 u

Behavior of animals as individuals and groups, including study of causation, development, integration, evolution and adaptive value of behavior patterns. Lecture and laboratory.

Prereq: Junior standing and one of the following: BIOLOGY 142 with a grade of "C" or better or BIOLOGY 120 with a grade of "B" or better or PSYCH 211 with a grade of "C" or better

BIOLOGY 442 ENVIRONMENTAL TOXICOLOGY 3 u

This course is an introduction to environmental toxicology that focuses on sources, transport, fate, accumulation, and toxicity of contaminants. Principles of toxicity testing and analysis of effects at different levels of biological organization (molecular to ecosystem) are covered. Information on select classes of contaminants, including emerging contaminants of concern are presented.

Prereq: CHEM 102 and BIOLOGY 214 or BIOLOGY 257 with grade of C or better

BIOLOGY 446 ORGANIC EVOLUTION 3 u

History of evolutionary thought, evidences of evolution and analysis of evolutionary mechanisms and processes.

Prereq: BIOLOGY 251 with a grade of "C" or better.

BIOLOGY 448 BIOINFORMATICS 3 u

Bioinformatics is an introduction to computer applications and algorithms currently used in the analysis of biological data, especially genomic and sequence data. The course entails lectures, discussions, readings and hands-on experience with bioinformatic software. Through exercises and individual research projects students acquire a working knowledge of contemporary computational methods and software.

Prereq: BIOLOGY 141, BIOLOGY 142 and BIOLOGY 251 with a grade of C or better or equivalents

BIOLOGY 450 INTRODUCTORY ENTOMOLOGY 4 u

An introduction to the biology and classification of insects. The course surveys insect structure, function, development, and evolution. Relevant insect physiology, ecology, and behavior are introduced. The laboratory surveys insect orders and a select group of Wisconsin families. An insect collection is required.

Prereq: Grade of C or better in both BIOLOGY 141 and 142

BIOLOGY 451/651 NATURAL HISTORY OF YELLOWSTONE NP AND THE UPPER GREAT PLAINS 3 u

This is an introductory, multi-disciplinary, summer field course open to all. It is held at Yellowstone National Park and locations in route. Students will learn field methods, geology, ecology and natural history. It is suitable for biology and geology majors and anyone interested in field science or natural history.

Prereq: BIOLOGY 120 or BIOLOGY 141 and Consent of Instructor

BIOLOGY 456 BIOCHEMISTRY OF METABOLISM AND SIGNALING 3 u

The chemistry of biological systems, focusing on metabolism and biochemical signaling. Three lectures/week. For Chemistry majors (Biochemistry emphasis), Biology majors (allied health focus) and students interested in Biochemistry postgraduate education.

Prereq: "C" or better in BIOLOGY 120 or BIOLOGY 141 (or equivalent) or instructor consent, both BIOLOGY 251 and BIOLOGY 253 or CHEM 454 and CHEM 251 Unreq: CHEM 456

BIOLOGY 457 GENERAL ECOLOGY 4 u

A study of biotic populations and communities and natural ecosystems. Contemporary ecological theory and techniques will be emphasized, as well as their applications to the preservation of natural communities. Laboratory exercises will include field studies, laboratory experiments, and computer

LETTERS AND SCIENCES

simulations and analysis. Six hours of lecture or laboratory per week.

Prereq: BIOLOGY 251 or equivalent with a grade of C or better; BIOLOGY 257 or equivalent with a grade of C or better; BIOLOGY 258 or equivalent with a grade of C or better, BIOLOGY 303 or equivalent with a grade of C or better; or MATH 231 or MATH 342 or PSYCH 215 or equivalent all with a grade of C or better.

BIOLOGY 458 RESEARCH IN BIOCHEMISTRY 2 u

A laboratory course that teaches biochemical research techniques through guided original research projects.

Prereq: BIOLOGY 120 or BIOLOGY 141 (or equivalent) with a C or better and CHEM 251 or consent of instructor. Coreq: CHEM 454 or BIOLOGY/CHEM 456 Unreq: CHEM 458

BIOLOGY 490/690 BIOLOGY WORKSHOP 1-3 u

Repeatable. Prereq: Consent of instructor.

BIOLOGY 491/691 TRAVEL STUDY Repeatable 1-3 u**BIOLOGY 492/692 LABORATORY TEACHING EXPERIENCE 1 u**

This course provides teaching experience at the college level for undergraduate students. Laboratory teaching experience students will assist faculty members in preparing, delivering, and tearing down laboratory or discussion section instructional units in biology courses, conducting review sessions, and tutoring students under the direct supervision of a faculty mentor. S/NC only. Repeatable for a maximum of 2 credits in degree.

Prereq: Grade of B or better in the assigned course and a GPA of 3.0 or better. Approval of a faculty mentor and the Biological Sciences Department.

BIOLOGY 493 INTERNSHIP IN BIOLOGY Repeatable 1-12 u

S/NC grade basis only.

Prereq: Department consent

BIOLOGY 494/694 SEMINAR 1 u

Repeatable two times for a maximum of 2 units in degree.

Prereq: 16 hours of biology including botany and zoology.

BIOLOGY 496/696 SPECIAL STUDIES 1-3 u

Repeatable for a maximum of 3 units in major.

BIOLOGY 497 EXCHANGE STUDY Repeatable 1-12 u**BIOLOGY 498 INDEPENDENT STUDY 1-3 u**

Repeatable for a maximum of 6 units in major. One hour of discussion weekly plus laboratory hours by arrangement with instructor.

Prereq: BIOLOGY 141, BIOLOGY 142, and a 2.75 grade point average in biology.

BIOLOGY 498R INDEPENDENT STUDY UNDERGRADUATE RESEARCH 1-3 u

Study of a selected topic or topics under the direction of a faculty member. One hour of discussion plus laboratory hours by arrangement with instructor. Repeatable.

Prereq: BIOLOGY 141 and BIOLOGY 142 and 2.75 GPA in BIOLOGY and department consent

BIOLOGY 499 BIOLOGY THESIS 2-3 u

A substantial research project written as a thesis. Two credits are taken in the first semester and three in the second semester. A proposal must be submitted at the midpoint of the first term and an oral defense takes place at the end of the second term. Thesis students must participate in BIOLOGY 498 discussions. Available only for senior students in Biology Honors Emphasis.

Prereq: Senior standing

*Not applicable to any Biology major or minor in liberal arts or secondary education.

INTEGRATED SCIENCE-BUSINESS

The Integrated Science-Business Major (ISBM) combines the disciplines of science and business into an interdisciplinary program. The focus of the ISBM is to develop integrated thinking from the initial stages of education and to produce well trained graduates who are highly effective in entry-level positions requiring skills in both science and business. The ISBM provides a strong foundation in the sciences (15-20 credits) as well as a basic background in business (30 credits). With the help of advisors, students design a course of study to best match their career goals by taking upper level courses in one or two areas of science (12-17 credits) and one area of business (6 credits). At the end of the program, capstones courses, including an internship and senior project, directly link science and business and prepare students for subsequent employment. ISBM graduates will know more about business and management issues than a typical science or engineering graduate, and have a broader understanding of science and technology than most business majors. Graduates of the program will be highly competitive for employment in science and technology based companies in positions such as project managers, marketing managers, and technology analysts. This major may be completed for a B.S. or B.B.A. degree. See the College of Business and Economics for B.B.A. degree requirements.

MAJOR**INTEGRATED SCIENCE - BUSINESS (BS)**

Note: To declare an Integrated Science-Business major, students must have an overall combined GPA of at least 2.50. Students must maintain an overall combined GPA of 2.50 to remain enrolled in the major.

BUSINESS REQUIREMENTS - 30 UNITS

1. ACCOUNT 244 AND ECON 245 AND ITBE 280
2. ACCOUNT 249 OR ACCOUNT 261
3. MANGEMNT 301 AND MANGEMNT 306
4. FNBSLW 341 AND FNBSLW 344 AND MARKETNG 311
5. ITBE 353

MAJOR - 47-52 UNITS

1. SELECT 6 UNITS OF UPPER DIVISION BUSINESS COURSES FROM ONE OF THE FOLLOWING AREAS:
ACCOUNTING, INFORMATION TECHNOLOGY AND BUSINESS EDUCATION, ECONOMICS, FINANCE AND BUSINESS LAW, MANAGEMENT, MANAGEMENT COMPUTER SYSTEMS OR MARKETING.
2. SELECT 15-20 UNITS FROM AT LEAST TWO OR MORE OF THE FOLLOWING AREAS:
 - a. BIOLOGY 141, BIOLOGY 142
 - b. CHEM 102, CHEM 104
 - c. GEOLGY 100 OR GEOGRPY 210
 - d. PHYSCS 140, PHYSCS 141 OR PHYSCS 180, PHYSCS 181
 - e. ANY BIOLOGY, CHEMISTRY, GEOLOGY, OR PHYSICS COURSE WHICH HAS ONE OF THE ABOVE AS A PREREQUISITE OR IS AN ADVANCED MAJORS COURSE. (STUDENT'S TAKING PHYSICS COURSES, AS PART OF THE SCIENCE CORE OR SCIENCE EMPHASIS, THAT REQUIRE MATH 254 AS A PREREQUISITE MAY USE MATH 254 AS PART OF THEIR SCIENCE CORE 20 UNIT REQUIREMENT)
3. SELECT 12-17 UNITS, ALL FROM AT MOST TWO OF THE SCIENCE AREAS: BIOLOGY, CHEMISTRY, GEOLOGY, PHYSICS. EACH COURSE MUST HAVE ONE OF THE COURSES LISTED IN 2. a-d AS A PREREQUISITE OR MUST BE AN ADVANCED COURSE IN THE MAJOR (BIOLOGY 200-LEVEL AND ABOVE, EXCEPT BIOLOGY 200, 214, 230; CHEMISTRY: 200-LEVEL AND ABOVE; PHYSICS: 200-LEVEL AND ABOVE, EXCEPT PHYSICS 212, 240; GEOLOGY: 200-LEVEL AND ABOVE, GEOGRPY 252,

200, 320, 323)

4. A MINIMUM OF 32 SCIENCE UNITS MUST BE COMPLETED
5. SCIBUS 481 OR MANGEMNT 489
6. SCIBUS 485
7. SCIBUS 493

DEGREE - UNIQUE REQ

1. ECON 201, ECON 202
2. MATH 152
3. MATH 250 OR MATH 253

Overall combined GPA of 2.50 required to graduate. Major GPA of 2.50 required to graduate

INTEGRATED SCIENCE-BUSINESS WATER RESOURCES EMPHASIS (BS)**BUSINESS REQUIREMENTS - 30 UNITS**

1. ACCOUNT 244 AND ECON 245 AND ITBE 280
2. ACCOUNT 249 OR ACCOUNT 261
3. MANGEMNT 301 AND MANGEMNT 306 AND ITBE 353
4. FNBSLW 341 AND FNBSLW 344 AND MARKETNG 311

MAJOR - 47-52 UNITS

1. SELECT 6 UNITS OF UPPER DIVISION BUSINESS COURSES FROM ONE OF THE FOLLOWING: ECON 471, FNBSLW 440, MANGEMNT 366
2. SELECT 20 UNITS FROM THE FOLLOWING:
 - a. BIOLOGY 141, BIOLOGY 142
 - b. CHEM 102
 - c. CHEM 104 OR GEOGRPY 210
3. BIOLOGY 257, BIOLOGY 370, GEOGRPY 323
4. SELECT 3 UNITS FROM THE FOLLOWING:
 - a. GEOGRPY 252
 - b. 491/496 COURSES AS APPROVED BY ISBM COORDINATOR
5. A MINIMUM OF 32 SCIENCE UNITS MUST BE COMPLETED
6. SCIBUS 481 OR MANGEMNT 489
7. SCIBUS 485
8. SCIBUS 493

DEGREE UNIQUE REQUIREMENT

1. ECON 201, ECON 202
2. MATH 152, MATH 253 OR MATH 250

Overall combined GPA of 2.50 required to graduate. Major GPA of 2.50 required to graduate

Note: to declare an Integrated Science-Business major, students must have an overall GPA of at least 2.50. Students must maintain an overall combined GPA of 2.50 to remain enrolled in the major.

COURSE DESCRIPTIONS**SCIBUS 481 INTEGRATED SCIENCE MANAGEMENT 3 u**

A study of how scientists and business managers work together during various stages in the design, manufacture and marketing of technologically related products and services. Case analysis of companies that have and have not successfully balanced the role of scientific principles in product design with cost efficient manufacturing and competitive marketing strategies. Prereq: Senior status and completion of an ISBM internship and senior project or permission of instructor.

SCIBUS 485 INTEGRATED SCIENCE-BUSINESS SENIOR PROJECT 3 u

Students will design a senior project in consultation with a pair of faculty,

one from science, the other from management, along with a Project Review Panel made-up of other faculty and representatives from the scientific/business community.

Prereq: Senior status and completion of an ISBM internship

SCIBUS 493 SCIENCE-BUSINESS INTERNSHIP 3 u

The internship is a required course for which students receive credit for work experience outside the university setting. With the assistance of an ISBM advisor, a student will establish an agreement with a laboratory, company, or other appropriate organization concerning the job description and hours. Prereq: Junior or Senior standing with at least 30 units toward the major and GPA of at least 2.5.

DEPARTMENT OF CHEMISTRY

Phone: 262-472-1070

E-Mail: chemistry@uwm.edu

Faculty: Steven Anderson, Catherine Chan, John Ejnik, Baocheng Han (Chairperson), Marsha Goodell (Lab Manager), Sarah Hosseini, Paul House, Hephzibah Kumpaty, Margaret Phillips, Hassimi Traore, Christopher Veldkamp .

Chemistry is the science concerned with the composition, properties, and changes of the substances of nature including the familiar solids, liquids and gases of the physical world as well as the less familiar components of all living systems. The primary objective of the courses in the Department of Chemistry is to provide a sound background in the basic fundamentals and techniques of chemistry in order to insure success in the professional career of the graduate whether it be as a chemist, a member of any of the health sciences, or a member of the other physical or natural sciences. A secondary objective is to provide both science and non-science students with an insight into the influence of chemistry on daily living. The taking of assessment tests and the Departmental Exit Interview are requirements for graduation.

MAJORS/EMPHASES

The Chemistry Department offers four options for chemistry majors.

1. The Liberal Arts Bachelor of Science regular option chemistry major is designed for students who desire a general education in chemistry as a background for careers in many fields such as polymer science, environmental analysis, industrial chemistry, materials science, various fields related to the medical sciences, etc. This consists of 36 units distributed among the major fields of chemistry and requires an approved minor.

2. The Professional - ACS-approved option is offered for those students who wish to pursue a more intensive program in chemistry approved by the American Chemical Society. This option is particularly recommended for students who intend to go to graduate school or work in the chemical industry. It consists of 48 units of chemistry. No minor is required.

3. Chemistry Honors Track. This emphasis is designed for two groups of students: 1) Those seeking the most thorough possible training to prepare themselves for graduate school and a career in research; 2) Those seeking entry to competitive professional programs (e.g. medicine, veterinary school) and wishing to obtain a degree that recognizes their exceptional dedication and ability. In this broadfield major, students have the same course requirement as an ACS Chemistry degree, plus the unique requirement to complete a substantial research project and write a thesis in their senior year. No minor is required but a minimum of 3.4 GPA is mandatory and this program also satisfies the requirements of the University Honors program. . It consists of 57 units of chemistry.

4. The Chemistry (BSE) option is designed for prospective secondary school teachers. It consists of 34 units of chemistry and requires an approved minor.

CHEMISTRY - LIBERAL ARTS (BA/BS)

MAJOR - 35 UNITS

1. CHEM 102, CHEM 104
2. CHEM 251, CHEM 252, CHEM 261, CHEM 262, CHEM 352

3. CHEM 370, CHEM 371, CHEM 470, CHEM 471 and CHEM 484

UNIQUE REQUIREMENTS- 20 UNITS

1. MATH 253 AND MATH 254
2. SELECT 1 GROUP (PHYSICS 180, PHYSICS 181) or (PHYSICS 140, PHYSICS 141)

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR
MILESTONES: CHEMISTRY EXIT INTERVIEW

CHEMISTRY - PROFESSIONAL ACS APPROVED (BA/BS)

MAJOR - 60 UNITS

1. CHEM 102 AND CHEM 104,
2. CHEM 251, CHEM 252, CHEM 261, CHEM 262,
3. CHEM 352, CHEM 370, CHEM 371,
4. CHEM 454, CHEM 455, CHEM 460, CHEM 470, CHEM 471, CHEM 480, CHEM 484
5. MATH 254 AND PHYSICS 181 OR PHYSICS 141

UNIQUE REQUIREMENTS

1. MATH 253
2. PHYSICS 180 OR PHYSICS 140

Milestones: (Periodic Assessment Tests Required)
Exit Interview

NO MINOR IS REQUIRED FOR THIS MAJOR

CHEMISTRY - HONORS EMPHASIS (BA/BS)

MAJOR - 56 UNITS

1. CHEM 102, CHEM 104
2. CHEM 251, CHEM 252, CHEM 261, CHEM 262
3. CHEM 352, CHEM 370, CHEM 371
4. CHEM 454, CHEM 460, CHEM 470, CHEM 471, CHEM 480, CHEM 484
5. 4 UNITS OF CHEM 498
6. 2 UNITS OF CHEM 488
7. SELECT 3 UNITS FROM CHEMISTRY COURSES AT THE 400 LEVEL OR AN APPROVED MATHEMATICS OR PHYSICS COURSE.: MATH 280, MATH 342, MATH 355, MATH 359, MATH 361, MATH 463, PHYSICS 305, PHYSICS 330, PHYSICS 352, PHYSICS 364

UNIQUE REQUIREMENTS - 23 UNITS

1. MATH 253, MATH 254, MATH 255
2. PHYSICS 180, PHYSICS 181

Milestones: (Periodic assessment tests required)
Chemistry exit interview
Written thesis and oral defense at the end of the Senior Honors Thesis

CHEMISTRY (BSE)

LICENSURE - 41 UNITS

1. SPECED 205
2. BIOLOGY 214 OR GEOGRPY 252 AND 3 UNITS OF BIOLOGY
3. FOUNDATONS BLOCK: EDFOUND 212, EDFOUND 243 AND EDFNDPRC 210
4. EDFOUND 425
5. SECNDED 466
6. SECNDED 429 AND 3 UNITS OF CIFLD 492
7. SELECT ONE OF THE TWO DIRECTED TEACHING GROUPS
 - A. CIFLD 402 AND 12 UNITS OF CIFLD 414
 - B. CIFLD 404 AND 12 UNITS OF CIFLD 412

MAJOR - 34 UNITS

1. CHEM 102, CHEM 104, CHEM 251, CHEM 252, CHEM 261, CHEM 262
2. CHEM 352, CHEM 370 AND CHEM 371
3. SELECT 3 UNITS FROM CHEMISTRY

UNIQUE REQUIREMENTS

1. MATH 253 AND MATH 254
2. SELECT 1 GROUP (PHYSICS 180, PHYSICS 181) or (PHYSICS 140, PHYSICS 141)

WRITING REQUIREMENT

1. ENGLISH 372

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINOR

CHEMISTRY

MINOR - 25 UNITS

1. CHEM 102, CHEM 104, CHEM 251, CHEM 252, CHEM 261, CHEM 352
2. SELECT 1 COURSE FROM CHEMISTRY AT THE 200 LEVEL OR HIGHER (EXCLUDING CHEM 498)

COURSE DESCRIPTIONS

(Each course will be offered every semester unless otherwise noted)

CHEM 100 CHEMISTRY FOR THE CONSUMER *GL* 4 u

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 Education laboratory science requirements. Coreq: MATH 140 or MATH 141 or consent of instructor.

CHEM 102 INTRODUCTORY CHEMISTRY *GL* 5 u

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 141 with a grade of C or better or waiver thereof.

CHEM 104 INTRODUCTORY CHEMISTRY *GL* 5 u

A continuation of CHEM 102. Prereq: CHEM 102.

CHEM 150 SCIENCE AND TECHNOLOGY IN SOCIETY *GM* 3 u

This course examines 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. Coreq: MATH 141 or MATH 140. Unreq: LSINDP 105.

CHEM 251 ORGANIC CHEMISTRY 3 u

Introductory chemistry of the compounds of carbon, their structures and reactions. Taken primarily by chemistry majors and pre-professional students. The foundation for understanding organic reactions is established with an emphasis on bonding, functional groups, three dimensional structure of organic molecules, relationship between structure and reactivity, kinetics, and reaction mechanisms. Three hours of lecture per week. Prereq: CHEM 104.

CHEM 252 ORGANIC CHEMISTRY 3 u

A continuation of CHEM 251. The goal is to further examine the structure

& reactivity relationship with emphasis on reactions and synthesis. It also illustrates how structural features considered in 251, combined with organic reactions learned in 252, can be sources of insight in the overall design of natural products and synthesized materials. Three hours of lecture per week.

Prereq: CHEM 251.

CHEM 261 ORGANIC CHEMISTRY LABORATORY 2 u

Basic organic manipulative techniques and simpler syntheses are considered. Spectroscopic topics are introduced. Generally taken concurrently with CHEM 251. Two three-hour laboratories per week. Coreq: CHEM 251.

CHEM 262 ORGANIC CHEMISTRY LABORATORY 2 u

A continuation of CHEM 261. Includes more advanced synthetic work and kinetic and mechanistic investigations, and spectroscopic techniques. Generally taken concurrently with CHEM 252. Two three-hour laboratories per week. (Spring only) Prereq: CHEM 261, CHEM 252 or con reg in CHEM 252.

CHEM 352 QUANTITATIVE ANALYSIS 5 u

An introduction to volumetric, gravimetric and photometric techniques and fundamental methods of instrumental analysis. Three one-hour lectures and two three-hour laboratory periods per week. (Fall only) Prereq: CHEM 104.

CHEM 370 PHYSICAL CHEMISTRY 3 u

The general principles governing the behavior of matter are investigated. Topics include atomic structure and quantum mechanics, spectroscopy and topics in solid state chemistry. Three hours of lecture weekly. (Fall only) Prereq: CHEM 352. Coreq: MATH 254 and PHYSICS 181 or PHYSICS 141.

CHEM 371 PHYSICAL CHEMISTRY 3 u

The general principles governing the behavior of matter are investigated. Topics include the laws of thermodynamics, gases, phase diagrams, chemical equilibrium, electrochemistry, and kinetics. Three hours of lecture weekly. (Spring only) Prereq: CHEM 352 Coreq: MATH 254 and PHYSICS 181 or PHYSICS 141

CHEM 454 BIOCHEMISTRY OF MACROMOLECULES 3 u

The chemistry of the major compounds of living organisms, e.g., proteins, carbohydrates, lipids and nucleic acids, are studied. Meets for 3 lectures/week, and is required for all Chemistry majors. Prereq: BIOLOGY 120 or BIOLOGY 141 (or equivalent) with a C or better and CHEM 251 or consent of instructor

CHEM 455/655 ADVANCED ORGANIC CHEMISTRY 3 u

Lectures on advanced topics in organic chemistry. (Fall only) Prereq: CHEM 252 and cons instr.

CHEM 456 BIOCHEMISTRY OF METABOLISM AND SIGNALING 3 u

The chemistry of biological systems, focusing on metabolism and biochemical signaling. Three lectures/week. For Chemistry majors (Biochemistry emphasis), Biology majors (allied health focus) and students interested in Biochemistry postgraduate education. Prereq: C" or better in BIOLOGY 120 or BIOLOGY 141 (or equivalent) or instructor consent, both BIOLOGY 251 and BIOLOGY 253 or CHEM 454 and CHEM 251 Unreq: BIOLOGY 456

CHEM 458 RESEARCH IN BIOCHEMISTRY 2 u

A laboratory course that teaches biochemical research techniques through guided original research projects. Prereq: BIOLOGY 120 or BIOLOGY 141 (or equivalent) with a C or better and CHEM 251 or consent of instructor. Coreq: CHEM 454 or BIOLOGY/CHEM 456 Unreq: BIOLOGY 458

CHEM 460 ADVANCED INORGANIC CHEMISTRY 4 u

Atomic and molecular structures, chemical bonding and periodic properties of the elements. Synthesis, characterization and structures of the compounds involving both representative and transition elements, organometallic and bioinorganic compounds and their applications. Group theory and bonding theories. (Spring only offered even numbered years)

Prereq: CHEM 252, CHEM 261 and CHEM 352.

Coreq: CHEM 371 or consent of instructor.

CHEM 470 EXPERIMENTAL PHYSICAL CHEMISTRY 2 u

A laboratory course in experimental physical chemistry. Experiments from various areas of physical chemistry will be performed. Four hours of laboratory per week. (Fall only)

Coreq: CHEM 370.

CHEM 471 EXPERIMENTAL PHYSICAL CHEMISTRY 2 u

Hands on experience with some experimental techniques of physical chemistry. Four hours of laboratory per week. (Spring only)

Coreq: CHEM 371

CHEM 480 INSTRUMENTAL METHODS OF ANALYSIS 4 u

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. (Spring only offered odd number years)

Prereq: CHEM 252, CHEM 352.

CHEM 484 TOPICS IN CHEMISTRY 5-1 u

A course where students will use chemical and scientific literature, introduction to the seminar concept, participation in studies and discussion of current developments in chemistry. The student will review a topic and present that topic orally and in writing. This course may not be used as part of the Chemistry minor.

Prereq: Junior/Senior standing and consent of instructor.

CHEM 488 SENIOR HONORS THESIS 1 u

The senior honors thesis is a requirement of the honors program which is designed to recognize a student's exceptional dedication and ability. Students will complete a substantial research project in their senior year. Results must be written up as a thesis, presented in a seminar, and defended orally.

Prereq: Senior Standing and CHEM 498

CHEM 490/690 WORKSHOP 1-4 u

Repeatable two times for a maximum of 8 units in degree.

CHEM 494 CHEMISTRY SEMINAR 0-1 u

Repeatable for a maximum of 2 units in major. Units in this course may not be used to fulfill minor requirements in Chemistry.

Prereq: Consent of instructor.

CHEM 496/696 SPECIAL STUDIES 1-3 u

Repeatable two times for a maximum 6 units in degree.

CHEM 497 EXCHANGE STUDY *Repeatable* 1-12 u

CHEM 498 INDEPENDENT STUDY IN CHEMISTRY 1-3 u
Repeatable for a maximum of 6 units in major/degree. Units in this course may not be used to fulfill minor requirements in Chemistry.

Prereq: Cons instr.

CHEM 498R RESEARCH IN CHEMISTRY 1-3 u

Repeatable for a maximum of 6 units in major/degree. Units in this course may not be used to fulfill minor requirements in Chemistry.

Prereq: Cons instr.

DEPARTMENT OF ECONOMICS

Phone: 262-472-1361

E-Mail: economics@mail.unm.edu

Refer to the College of Business and Economics for complete information on the Department. Only the requirements for the BA/BS major and the L&S minor are listed here.

MAJOR**ECONOMICS (BA/BS)**

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

1. a minimum overall GPA of 2.0.
2. a minimum grade point of 2.0 in their major.

MAJOR - 27 UNITS & 2.00 GPA

1. ECON 201 (GS), ECON 245, ECON 404, ECON 301 AND ECON 302
2. SELECT 12 ELECTIVE UNITS (300 AND 400) IN ECONOMICS

UNIQUE MAJOR AND WRITING REQ. - 9-11 UNITS

1. ECON 202 (GS) AND ITBE 353 RLS
2. MATH 243 (GM) OR MATH 250 (GM) RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINOR/EMPHASIS**ECONOMICS - L&S EMPHASIS**

MINOR - 21 UNITS

1. ECON 201 (GS) AND ECON 202 (GS)
2. SELECT 15 UNITS FROM ECONOMICS NUMBERED ECON 240 OR HIGHER. IF YOU ARE A BBA STUDENT, THE ECON COURSES APPLIED TO YOUR DEGREE REQUIREMENTS WILL NOT BE LISTED HERE BUT THEY CAN BE APPLIED TO THE MINOR; CHECK WITH THE ECON DEPT FOR INFORMATION.

DEPARTMENT OF GEOGRAPHY AND GEOLOGY

Phone: 262-472-1071

E-Mail: geography@unm.edu

Faculty: Juk Bhattacharyya, Howard Botts, Eric Compas, Rex Hanger, Peter Jacobs, Thomas Jeffery, Margo Kleinfeld, John Patterson, Carol Rosen (Chairperson), Dale Splinter, David Travis, Jeffery Zimmerman

GEOGRAPHY

Geography is the discipline that studies where and why physical and human phenomena, such as cities, crime, poverty, pollution, landforms, climate, and various resources, are distributed as they are. Geographers also develop ideas and recommend how different policies and relocations of phenomena, such as health care facilities, political boundaries, waste disposal sites, public service agencies, and business firms might better serve humans and their environment.

The four traditions in geography suggest the broad range of interests addressed within the discipline and the discipline's bridging role between the natural and social sciences. These traditions are: 1) the earth science tradition or physical geography; 2) the human-land tradition devoted to investigating the interactions between human and physical phenomena; 3) the regional-international tradition which involves the study of world regions and international trends and relationships; and 4) the spatial analysis

tradition which stresses systematic and technical training for analyzing topics, problems and plans at various geographic scales, ranging from global to regional to an individual city or neighborhood. Despite the wide-ranging subject matter in the discipline, students can pursue six different tracks in the major that more effectively address their intellectual interests and career plans. These tracks or emphases listed below are: 1) General, 2) Geology, 3) International/Regional, 4) Physical/Environmental, 5) Techniques and 6) Urban/Area Development.

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 in business, the public sector and graduate school. Fischer Scholarships are available each term for students enrolled in a College of Education program and majoring or minoring in geography and selected geography majors are actively involved in teaching other students. Interested students should contact the Department of Geography.

MAJORS/EMPHASES

GEOGRAPHY GENERAL (BA/BS)

MAJOR - 34 UNITS

1. GEOGRPY 100, GEOGRPY 210, GEOGRPY 230 AND GEOGRPY 270
2. GEOGRPY 400 AND GEOGRPY 440/640 OR GEOGRPY 444/644 OR GEOGRPY 452 OR GEOGRPY 455 OR GEOGRPY 460/660 OR GEOGRPY 470/670 OR GEOGRPY 485 OR GEOGRPY 492 OR GEOGRPY 499 OR GEOLOGY 491 OR GEOLOGY 492
3. SELECT 3 UNITS FROM REGIONAL COURSES
GEOGRPY 362, GEOGRPY 364, GEOGRPY 365, GEOGRPY 368 AND GEOGRPY 491
4. SELECT 6 UNITS FROM SYSTEMATIC COURSES
GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY 323, GEOGRPY 330, GEOGRPY 332, GEOGRPY 334, GEOGRPY 337, GEOGRPY 340, GEOGRPY 344, GEOGRPY 350, GEOGRPY 430 AND GEOGRPY 452
5. SELECT 3 UNITS FROM TECHNICAL COURSES
GEOGRPY 290, GEOGRPY 370, GEOGRPY 377, GEOGRPY 440, GEOGRPY 460, AND GEOGRPY 470
6. SELECT 3 UNITS FROM 300-400 LEVEL GEOGRAPHY COURSES
7. SELECT 3 UNITS FROM THE GEOGRAPHY DEPARTMENT

MAJOR - WRITING REQUIREMENT (3 UNITS)

1. ENGLISH 370 OR ENGLISH 372 PRIOR TO ENROLLING IN GEOGRPY 480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY GEOLOGY EMPHASIS (BA/BS)

MAJOR - 34 UNITS

1. GEOGRPY 100
2. GEOGRPY 210 OR GEOLOGY 100 OR GEOLOGY 101
3. GEOGRPY 230, GEOGRPY 270, GEOGRPY 370, GEOGRPY 400 AND GEOGRPY 440/640 OR GEOGRPY 444/644 OR GEOGRPY 452 OR GEOGRPY 455 OR GEOGRPY 460/660 OR GEOGRPY 470/670 OR GEOGRPY 485 OR GEOGRPY 492 OR GEOGRPY 499 OR GEOLOGY 491 OR GEOLOGY 492

4. GEOLOGY 204, GEOLOGY 317, GEOLOGY 496 (OR GEOLOGY 315 AND GEOLOGY 316) AND GEOLOGY 318
5. SELECT AT LEAST 3 UNITS FROM COURSES
GEOGRPY 300, GEOGRPY 310, GEOLOGY 205, GEOLOGY 300, GEOLOGY 301, GEOLOGY 307, GEOLOGY 319, GEOLOGY 492 OR GEOLOGY 498

MAJOR - WRITING REQUIREMENT (3 UNITS)

1. ENGLISH 372 OR ENGLISH 370 PRIOR TO ENROLLING IN GEOGRPY 480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY INTERNATIONAL/REGIONAL (BA/BS)

MAJOR - 34 UNITS

1. GEOGRPY 100, GEOGRPY 210, GEOGRPY 230 AND GEOGRPY 270
2. GEOGRPY 400 AND GEOGRPY 440/640 OR GEOGRPY 444/644 OR GEOGRPY 452 OR GEOGRPY 455 OR GEOGRPY 460/660 OR GEOGRPY 470/670 OR GEOGRPY 485 OR GEOGRPY 492 OR GEOGRPY 499 OR GEOLOGY 491 OR GEOLOGY 492
3. SELECT 9 UNITS FROM REGIONAL COURSES
GEOGRPY 261, GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 366, GEOGRPY 368, GEOGRPY 485, GEOGRPY 491 AND GEOGRPY 492
4. SELECT 6 ELECTIVE UNITS FROM COURSES
GEOGRPY 332, GEOGRPY 334, GEOGRPY 340, GEOGRPY 452
5. SELECT 3 ELECTIVE UNITS FROM THE GEOGRAPHY DEPARTMENT

MAJOR - WRITING REQUIREMENT (3 UNITS)

1. ENGLISH 370 OR ENGLISH 372 PRIOR TO ENROLLING IN GEOGRPY 480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY PHYSICAL/ENVIRONMENTAL (BS)

MAJOR - 34 UNITS

1. GEOGRPY 100, GEOGRPY 210 AND GEOGRPY 270
2. GEOGRPY 230 OR GEOGRPY 252
3. GEOGRPY 400 AND GEOGRPY 440/640 OR GEOGRPY 444/644 OR GEOGRPY 452 OR GEOGRPY 455 OR GEOGRPY 460/660 OR GEOGRPY 470/670 OR GEOGRPY 485 OR GEOGRPY 492 OR GEOGRPY 499 OR GEOLOGY 491 OR GEOLOGY 492
4. SELECT 6-9 ELECTIVE UNITS FROM PHYSICAL SYSTEMS COURSES
GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY 330
5. SELECT 6-9 ELECTIVE UNITS FROM ENVIRONMENTAL SYSTEMS COURSES
GEOGRPY 323, GEOGRPY 337, GEOGRPY 352, GEOGRPY 420, GEOGRPY 435, OR GEOGRPY 452, OPTIONAL COURSES (MAXIMUM 3 UNITS)
GEOLOGY 301 AND BIOLOGY 257
6. SELECT 3-6 UNITS FROM TECHNIQUES COURSES
GEOGRPY 290, GEOGRPY 370, GEOGRPY 377, GEOGRPY 450, GEOGRPY 460, GEOGRPY 470 AND GEOGRPY 496 (WITH APPROVAL)

MAJOR - WRITING REQUIREMENT (3 UNITS)

1. ENGLISH 370 OR ENGLISH 372 PRIOR TO ENROLLING IN GEOGRPY 480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY QUANTITATIVE/TECHNIQUE (BA/BS)

MAJOR - 34 UNITS

1. GEOGRPY 100, GEOGRPY 210, GEOGRPY 230 AND GEOGRPY 270
2. GEOGRPY 400 AND GEOGRPY 440/640 OR GEOGRPY 444/644 OR GEOGRPY 452 OR GEOGRPY 455 OR GEOGRPY 460/660 OR GEOGRPY 470/670 OR GEOGRPY 485 OR GEOGRPY 492 OR GEOGRPY 499 OR GEOLGY 491 OR GEOLGY 492
3. SELECT 9 UNITS FROM TECHNIQUES COURSES GEOGRPY 290, GEOGRPY 370 AND GEOGRPY 377
4. SELECT 6 UNITS FROM ADVANCED TECHNIQUES COURSES GEOGRPY 440, GEOGRPY 460, GEOGRPY 470, GEOGRPY 485, AND GEOGRPY 496 (WITH APPROVAL)
5. SELECT 3 ELECTIVE UNITS FROM ANY 300 OR 400 LEVEL GEOGRAPHY COURSES

MAJOR - WRITING REQUIREMENT (3 UNITS)

1. ENGLISH 370 OR ENGLISH 372 PRIOR TO ENROLLING IN GEOGRPY 480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY URBAN / SUBURBAN (BA/BS)

MAJOR - 34 UNITS

1. GEOGRPY 100, GEOGRPY 210, GEOGRPY 230, GEOGRPY 270
2. GEOGRPY 400 AND GEOGRPY 440/640 OR GEOGRPY 444/644 OR GEOGRPY 452 OR GEOGRPY 455 OR GEOGRPY 460/660 OR GEOGRPY 470/670 OR GEOGRPY 485 OR GEOGRPY 492 OR GEOGRPY 499 OR GEOLGY 491 OR GEOLGY 492
3. 3 UNITS OF URBAN/SUBURBAN TRACK CORE: GEOGRPY 344
4. SELECT 6-9 UNITS FROM URBAN TRACK: GEOGRPY 334, GEOGRPY 340, GEOGRPY 444
5. SELECT 6-9 UNITS FROM GEOGRAPHY TECHNICAL COURSES GEOGRPY 290, GEOGRPY 370, GEOGRPY 377, GEOGRPY 440/640, AND GEOGRPY 470
6. SELECT 0-3 UNITS FROM OF 300 OR 400 LEVEL COURSES FROM THE GEOGRAPHY DEPARTMENT

MAJOR - WRITING REQUIREMENT (3 UNITS)

1. ENGLISH 372 PRIOR TO ENROLLING IN GEOGRPY 480

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GEOGRAPHY (BSE)

LICENSURE - 42-43 UNITS

1. EDFOUND 212, EDFOUND 425 AND SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. SELECT 2 UNITS FROM CIFLD 210
4. STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND 12 UNITS FROM CIFLD 412
5. SECNDED 430
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM)
7. ECON 213
8. SELECT 3 UNITS FROM COURSE CIFLD 492
9. SELECT 3 UNITS FROM SPECED 205

MAJOR - 34 UNITS

1. GEOGRPY 210, GEOGRPY 230, GEOGRPY 250, GEOGRPY 270 AND GEOGRPY 340
2. SELECT 3 UNITS FROM REGIONAL COURSES GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 366, GEOGRPY 368
3. GEOGRPY 480
4. SELECT 9 UNITS FROM GEOGRAPHY IN CONSULTATION WITH ADVISER

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIAL STUDIES BROADFIELD MAJOR BSE - GEOGRAPHY EMPHASIS

LICENSURE - 42-43 UNITS

1. SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. SELECT 2 UNITS FROM CIFLD 210
4. STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND 12 UNITS FROM CIFLD 412
5. SECNDED 430
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM)
7. ECON 213
8. EDFOUND 212 AND EDFOUND 425
9. SELECT 3 UNITS FROM COURSE CIFLD 492
10. SELECT 3 UNITS FROM SPECED 205

MAJOR - 54 UNITS

1. GEOGRPY 210, GEOGRPY 230, GEOGRPY 270 AND GEOGRPY 480
2. SELECT 3 UNITS FROM REGIONAL COURSES: GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 366, GEOGRPY 368
3. SELECT 20 UNITS FROM DEPTS OF ANTHROPOLOGY, ECONOMICS, HISTORY, POLITICAL SCIENCE, PSYCHOLOGY AND SOCIOLOGY (AT LEAST 2 DEPTS ARE REQUIRED)
4. SELECT 15 UNITS FROM GEOGRAPHY IN CONSULTATION WITH ADVISER

SOCIAL STUDIES BROADFIELD - GEOGRAPHY II EMPHASIS (BSE)

LICENSURE - 42-43 UNITS

1. SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. SELECT 2 UNITS FROM CIFLD 210
4. STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND 12 UNITS FROM CIFLD 412
5. SECNDED 430
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM)
7. ECON 213
8. EDFOUND 212 AND EDFOUND 425
9. SELECT 3 UNITS FROM COURSE CIFLD 492
10. SELECT 3 UNITS FROM SPECED 205

MAJOR - 54 UNITS

1. GEOGRPY 210, GEOGRPY 230 AND GEOGRPY 270

2. SELECT 3 UNITS FROM REGIONAL COURSES:
GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 366, GEOGRPY 368
3. SELECT 32 UNITS IN 3 OTHER SOCIAL SCIENCES
ANTHROPOLOGY, ECONOMICS, HISTORY, POLITICAL SCIENCE, PSYCHOLOGY AND SOCIOLOGY
4. SELECT 6 UNITS FROM GEOGRAPHY COURSES

15 units Add-on for Geography Licensure (for Holders of the Broadfield Social Studies License, 701). 15 term units of upper level or graduate courses. At least 6 units of topical courses: to include GEOGRPY 332, GEOGRPY 334, GEOGRPY 337/537, GEOGRPY 340, GEOGRPY 344 and GEOGRPY 430. At least 3 units of regional courses: to include GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 366 and GEOGRPY 368. Courses to be completed within five years of the date when the additional licensure is requested and at least 9 units must be earned at Whitewater.

Writing Proficiency Requirement for each degree: See chairperson for course(s) that satisfy this requirement.

MINORS/EMPHASES

ENVIRONMENTAL STUDIES

MINOR 21 UNITS

1. GEOGRPY 252
2. SELECT 3-9 UNITS FROM PHYSICAL ENVIRONMENT COURSES:
BIOLOGY 467, CHEM 102, GEOGRPY 210 OR GEOLGY 100, GEOGRPY 300, GEOGRPY 323, GEOGRPY 352 OR GEOLGY 352, GEOGRPY 420, GEOGRPY 435, GEOLGY 300 AND GEOLGY 301
3. SELECT 3-9 UNITS FROM HUMAN ENVIRONMENT COURSES
ECON 471, GEOGRPY 452, HISTORY 190, PHILSPHY 248, SAFETY 420, SOCIOLGY 319, SOCIOLGY 321, SOCIOLGY 362 AND SOCIOLGY 385
4. SELECT 3-9 UNITS FROM TECHNIQUES COURSES
BIOLOGY 303, GEOGRPY 270, GEOGRPY 370, GEOGRPY 377, MATH 230 OR MATH 231 OR GEOGRPY 290, GEOGRPY 460, GEOGRPY 470 AND INTERNSHIP IN ENVIRONMENTAL STUDIES (1-3 UNITS FROM ANY APPROPRIATE DEPT.)

UNIQUE REQUIREMENT - 3 UNITS

1. BIOLOGY 214 OR BIOLOGY 257

This interdisciplinary minor combines information from a wide range of courses, all of which focus on some aspect of environmental studies. Participating departments and programs include Biological Sciences, Chemistry, Economics, Geography and Geology, History, Languages and Literatures, Mathematics, Safety Studies and Sociology. Upon completion, the student will have gained knowledge about many aspects of present-day environmental issues including 1) the natural processes of environmental systems, 2) the social and economic influences on the environment and the regulatory controls enacted to protect both the environment and human health, and 3) the techniques currently being used to study environmental problems. The minor, in combination with their selected major, is suitable to prepare students for possible careers related to the study of the environment or future graduate study.

GEOGRAPHY

MINOR - 23 UNITS

1. GEOGRPY 210, GEOGRPY 230 AND GEOGRPY 270
2. SELECT 3 UNITS FROM REGIONAL COURSES

- GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 366 AND GEOGRPY 368
3. SELECT 3 UNITS FROM SYSTEMATIC COURSES
GEOGRPY 320, GEOGRPY 323, GEOGRPY 332, GEOGRPY 334, GEOGRPY 337, GEOGRPY 340, GEOGRPY 344 AND GEOGRPY 350
4. SELECT 6 UNITS FROM GEOGRAPHY COURSES.
AT LEAST 3 UNITS MUST BE 300 OR 400 LEVEL.

GEOGRAPHY ELEMENTARY EDUCATION EMPHASIS

MINOR - 23 UNITS

1. GEOGRPY 210, GEOGRPY 230, GEOGRPY 250 AND GEOGRPY 275
2. SELECT 3 UNITS FROM REGIONAL COURSES
GEOGRPY 261, GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 366 AND GEOGRPY 368
3. SELECT 3 UNITS FROM SYSTEMATIC COURSES
GEOGRPY 320, GEOGRPY 323, GEOGRPY 332, GEOGRPY 334, GEOGRPY 337, GEOGRPY 340, GEOGRPY 344 AND GEOGRPY 350
4. SELECT 3 ELECTIVE UNITS FROM GEOGRAPHY COURSES

GEOLOGY

MINOR - 23 UNITS

1. GEOLGY 100 OR GEOLGY 101, GEOLGY 204
2. SELECT A MINIMUM 16 UNITS FROM COURSES
GEOLGY 205, GEOGRPY 300, GEOLGY 310 AND ANY 300 LEVEL OR ABOVE GEOLOGY COURSE

GIS

MINOR - 24 UNITS

1. GEOGRPY 270, GEOGRPY 290, GEOGRPY 370 AND GEOGRPY 377
2. 12 UNITS REQUIRED FROM 1 EMPHASIS (EITHER A OR B)
 - A. URBAN-ECONOMIC EMPHASIS
 1. SELECT 6 UNITS FROM SYSTEMATIC COURSES: GEOGRPY 332, GEOGRPY 334, GEOGRPY 340, GEOGRPY 344, GEOGRPY 444
 2. GEOGRPY 440, GEOGRPY 470

OR

B. PHYSICAL-ENVIRONMENTAL EMPHASIS

1. SELECT 6 UNITS FROM SYSTEMATIC COURSES:
GEOGRPY 300, GEOLOGY 301, GEOGRPY 323, GEOGRPY 330, GEOGRPY 352, GEOGRPY 420, GEOGRPY 435
2. GEOGRPY 460, GEOGRPY 470

URBAN & AREA DEVELOPMENT

MINOR - 24 UNITS

1. 12 CORE UNITS FROM AT LEAST THREE DISCIPLINES FROM COURSES: ECON 438, FNBSLW 348, FNBSLW 457, GEOGRPY 340, GEOGRPY 344, GEOGRPY 444, POLISCI 344, POLISCI 446 AND SOCIOLGY 352
2. 12 ELECTIVE UNITS MUST BE DETERMINED IN CONSULTATION WITH ADVISER.
3. NO MORE THAN 12 UNITS OF CORE AND ELECTIVES ANY SINGLE DEPARTMENT

Administered by the Department of Geography and Geology, the minor

consists of 24 units drawn from several departments in the College of Letters and Sciences and College of Business and Economics. A core curriculum of 15 required units and 9 units 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.

GEOGRPY 100 INTRODUCTION TO GEOGRAPHY 1 u

Introduction to Geography introduces students to the specialties within geography, outlines the academic tracks within the major and associated requirements, and explores public and private career opportunities in the field of geography. Required of all majors at earliest opportunity. Prereq: Must be a declared Geography major.

GEOGRPY 120 INTRODUCTION TO WEATHER AND CLIMATE GL 4 u

This course introduces students to the processes controlling and distinguishing weather and climate. Particular emphasis is on data selection, interpretation, and analysis. The impacts of severe weather and climate change on humans is also emphasized. The labs expose students to the wide range of weather and climate information currently available on the Internet. Coreq: MATH 141

GEOGRPY 210 PHYSICAL GEOGRAPHY GL 5 u

A study of selected physical aspects of our geographic environment. Emphasis is given to the origin and characteristic features of topographic, climatic, vegetative and soil regions of the earth and to their interrelationships. The ultimate objective is to provide a foundation upon which to build a better understanding of human interrelationships with the physical environment. Field trips are normally taken. Coreq: MATH 141

GEOGRPY 230 HUMAN GEOGRAPHY GS 3 u

A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.

GEOGRPY 245 GENDER AND GEOGRAPHY GS 3 u

Human geographies will be studied through the lens of gender along with gender relations at home and abroad. Content is organized according to a variety of spatial scales including the body, home, city, and world. Cases investigated at the global scale include gendered livelihoods and migration, nationalism and war, and environmental issues.

GEOGRPY 250 GEOGRAPHY OF WISCONSIN GS 3 u

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.

GEOGRPY 252 HUMAN ENVIRONMENTAL PROBLEMS GS 3 u

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.

GEOGRPY 261 GEOGRAPHY OF CANADA AND THE UNITED STATES OF AMERICA GS 3 u

A regional survey of the United States and Canada. Special attention is given to the physical, cultural and economic geography of the two countries.

GEOGRPY 270 INTRODUCTION TO MAPPING 3 u

An introduction to the quantitative and qualitative mapping techniques applicable to the physical and social sciences. Included are the skills required to create clear, concise and aesthetically pleasing maps, as well as how to derive information from them. Both graphic and cartographic software packages will be utilized to create and evaluate maps. Field trips are normally taken.

GEOGRPY 290 SPATIAL ANALYSIS 3 u

An introduction to the presentation and interpretation of data, use of descriptive statistics and measures of spatial patterns, introduction to statistical inference and measures of association, with particular reference to geographic examples. Students will become proficient in using computers to achieve these skills.

Prereq: MATH 143

GEOGRPY 300 SOIL SCIENCE 3 u

Soil science deals with the systematic description, analysis, and understanding of soils and how they interact with and drive environmental processes and ecosystems. This course will examine the properties, formation, classification, and distribution of soil, stressing the connections between environmental controls on their formation and distribution. Field trips required.

Prereq: GEOGRPY 210 or GEOLGY 100

GEOGRPY 310 GEOMORPHOLOGY (LANDFORMS) 3 u

A study of topographic landscapes and their evolution. Two hours per week of lecture and map study. Field trips are normally taken.

Prereq: GEOGRPY 210 or GEOLGY 100 or consent of instructor.

GEOGRPY 320/520 METEOROLOGY AND CLIMATE 3 u

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: GEOGRPY 210 or consent of instructor.

GEOGRPY 323/523 WATER RESOURCES 3 u

Class will investigate the pathways and processes of water transfer and storage in the many reservoirs on earth, along with the impact of human activities on water quality and fluxes. Detail is given to shallow groundwater monitoring and soil indicators of saturation for wetland delineation, anthropogenic effects on streams, and land use issues related to water quality. Field trips normally taken.

Prereq: GEOGRPY 210 or GEOLGY 100 or GEOLGY 101 or BIOLOGY 142 or consent of instructor.

GEOGRPY 330 BIOGEOGRAPHY 3 u

This course provides an introduction to biogeography, the study of distributions of organisms. This course will combine both historical and ecological perspectives in analyzing plant and animal distributions. Human impacts on biotic distributions will also be discussed in some detail.

Prereq: GEOGRPY 210 or BIOLOGY 120

GEOGRPY 332 POLITICAL GEOGRAPHY 3 u

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: GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 333 GEOGRAPHY OF RELIGION 3 u

This course examines the role of religion in contemporary American society and in communities around the globe from a geographic perspective. Significant places and spatial patterns associated with religions will be investigated along with the relationship between religion and the political landscape. Students will be expected to identify, visit, and analyze two religious sites in their community.

GEOGRPY 334 HISTORICAL GEOGRAPHY 3 u

An analysis of the evolution of the historical-geographic patterns of population and human activities in major United States regions. Emphasis is placed upon the identification and preservation of historical landscapes. Prereq: GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 340 ECONOMIC GEOGRAPHY 3 u

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: GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 344 URBAN GEOGRAPHY 3 u

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: GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 346 GLOBALIZATION AND THE CITY 3 u

This course will focus on understanding the processes of globalization, urban and regional development theories, emergence of the global city, and influence of globalization on urban development. This course will examine the role of cities across the world and the relationship between urban change and economic, political, and cultural globalization. Prereq: GEOGRPY 230

GEOGRPY 352 GEOHAZARDS 3 u

The course will focus on the physical processes that create environmental hazards (e.g. earthquakes, volcanoes, severe weather), the primary controls on their frequency and intensity, and how human decision-making can influence the magnitude of impact that they have when they inevitably occur. Comparisons are made between impacts of hazards on developing versus developed countries. Prereq: GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR an approved equivalent lab course from another discipline.

GEOGRPY 361 GEOGRAPHY OF SOUTH AND GS SOUTHEAST ASIA 3 u

A study of contemporary and historical interrelationships between the natural environment and the economic, political and cultural activities in South and Southeast Asia. Countries studied include: Pakistan, Bangladesh, Sri Lanka, Burma, Thailand, Vietnam, Laos, Cambodia, Indonesia, and the Philippines. Unreq: ASIANSTD 361 Prereq: GENED 140 or GEOGRPY 230 or consent of instructor

GEOGRPY 362 GEOGRAPHY OF EUROPE 3 u

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: GENED 140 or GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 363 GEOGRAPHY OF SOUTH AMERICA 3 u

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: GENED 140 or GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 364 GEOGRAPHY OF EAST ASIA GS 3 u

A study of contemporary and historical interrelationships between the natural environment and economic, political and cultural activities in East Asia. Countries studied include: China, Taiwan, Mongolia, Japan, and North and South Korea. Unreq: ASIANSTD 364 Prereq: GENED 140 or GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 365 GEOGRAPHY OF MIDDLE AMERICA 3 u

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: GENED 140 or GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 368 GEOGRAPHY OF RUSSIA AND THE NEWLY INDEPENDENT STATES 3 u

Spatial analyses of physical and cultural phenomena are dealt with topically as well as regionally. Current development projects are given special emphasis. Prereq: GENED 140 or GEOGRPY 230 or junior standing or consent of instructor.

GEOGRPY 370 GEOGRAPHIC INFORMATION SYSTEMS 3 u

The basic principles and operations of geographic information systems (GIS) are presented, including the capture, storage, management, analysis and display of geographic referenced data and their attributes. Laboratory exercises provide extensive hands-on experiences with a number of GIS software packages, including both raster and vector systems. Field trips are normally taken. Prereq: GEOGRPY 270 or consent of instructor.

GEOGRPY 377 REMOTE SENSING OF THE ENVIRONMENT 3 u

An introduction to the images, sensors and techniques used to gather and process data on the Earth and other planets, including aerial photography, electro-optical scanners and radar systems. The course will focus on the fundamentals of utilizing remotely sensed data in studying both natural and human induced processes impacting the Earth's surface. Computer applications will be extensively utilized. Field trips are normally taken. Prereq: GEOGRPY 210 or consent of the instructor.

GEOGRPY 400 CAPSTONE IN GEOGRAPHY 1 u

Capstone in Geography prepares students for future options within the various fields of Geography/Geology. Portfolio preparation and presentation is emphasized as an essential element of making the transition to careers in both the public and private sector, as well as graduate studies. Prereq: GEOGRPY 100, GEOGRPY 210, GEOGRPY 230 OR GEOGRPY 252, GEOGRPY 270 and senior status, or consent of instructor

GEOGRPY 420/620 HUMAN AND CLIMATE INTERACTIONS 3 u

The course objective is to distinguish between natural climate change and change induced by human activities. Topics covered include human modifications to cloud cover, global warming, and ozone problems. Another emphasis is to better understand the impacts of severe weather on human activities and the potential threats of future climate change. At least one field trip is usually taken. Prereq: GEOGRPY 320 or consent of instructor.

GEOGRPY 423 RIVERS AND FLOODS 3 u

Streams and rivers are nested into a hierarchy that is organized by landscape characteristics. This course addresses how watersheds and stream processes influence channel form, the linkages among geomorphology and ecology, and flood magnitude and river management. Inferences are made using spatial and temporal scales. Prereq: GEOGRPY 210 or GEOGRPY 323 or GEOLGY 101 or GEOLGY 100

GEOGRPY 430 GEOGRAPHY OF RACE & ETHNICITY IN THE UNITED STATES Diversity 3 u

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: GEOGRPY 230 or GEOGRPY 261 or GEOGRPY 344 or Junior standing.

GEOGRPY 435 FOREST GEOGRAPHY**3 u**

This course introduces the field of forest geography, emphasizing the quantitative description of spatial and temporal patterns of forest change at multiple scales. Both natural and human forest processes are considered as well as the interaction between humans and forested environments. Theories and methods will be used to understand forest processes, using examples from around the world.

Prereq: GEOGRPY 210 or GEOGRPY 330 or BIOLOGY 141 or consent of instructor.

GEOGRPY 440/640 APPLIED GIS: APPLICATIONS FOR BUSINESS AND INDUSTRY**3 u**

This course will provide the background necessary to apply Geographic Information Systems software to solve applied business problems. The specific educational objectives of this course are: 1) To provide the student with "hands on" problem solving skills emphasizing, site location, target marketing, sales territory development and network routing; 2) To work with the most widely used Business GIS software package, ArcView GIS and its major extensions.

Prereq: GEOGRPY 270, GEOGRPY 370 and GEOGRPY 340 or consent of instructor.

GEOGRPY 444 URBAN LAND USE PLANNING**3 u**

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: GEOGRPY 344 or SOCIOLGY 352 or POLISCI 446 or ECON 438 or consent of instructor.

GEOGRPY 450 ADVANCED METHODS IN PHYSICAL GEOGRAPHY**4 u**

Advanced Methods in Physical Geography focuses on data collection and analysis techniques used by physical geographers. Students will conduct an integrated analysis of a local landscape, including site selection, sample collection, lab analysis, and data assimilation and interpretation for report writing. Roughly one-half of course is taught outdoors, regardless of weather. Four consecutive hours per week.

Prereq: GEOGRPY 300 or GEOGRPY 310 or GEOLGY 301/501

GEOGRPY 452 CULTURAL ECOLOGY AND SUSTAINABLE DEVELOPMENT**3 u**

This course will discuss the history of the subdiscipline of cultural ecology within geography and teach about indigenous and traditional societies' knowledge systems from a variety of world cultures. It will use ancient and modern examples of indigenous methods of natural resource management and show how these are being applied internationally to present day environmental problems and to sustainable development approaches.

Prereq: GEOGRPY 230 or GEOGRPY 252 or consent of instructor.

GEOGRPY 455 ADVANCED TOPICS IN HUMAN GEOGRAPHY**3 u**

In-depth examination of a specific issue or theme in human geography. Topics covered will typically focus on emerging national and global issues with a particular emphasis on current research. May be repeated for a maximum of six credit hours (under different subtitles)

Prereq: GEOGRPY 230, GEOGRPY 252, or consent of instructor

GEOGRPY 460/660 APPLIED GIS IN PHYSICAL GEOGRAPHY**3 u**

The course focuses on the use of GIS to better understand the physical processes shaping the earth's surface and characteristics of the atmosphere. Because physical geography covers such a broad range of topics, it will be necessary to review the physical processes associated with each (e.g. landform formation, biogeography, patterns of severe weather, etc.) before applying GIS. Thus, the course combines traditional lecture style format with weekly meetings in departmental computer labs equipped with the latest GIS software. Grading is heavily based on completion of labs on time and quality of GIS outputs.

Prereq: GEOGRPY 210 and GEOGRPY 370

GEOGRPY 470/670 APPLIED ENVIRONMENTAL AND NATURAL RESOURCE GIS**3 u**

This course will provide the knowledge and skills necessary to utilize GIS for solving applied environmental analysis problems. Specifically, the course is designed to 1) identify and resolve environmental and natural resource problems in terms of spatial analysis, 2) explore a conceptual understanding of GIS, 3) provide students with technical instruction in current GIS software.

Prereq: GEOGRPY 270 and GEOGRPY 370 or consent of instructor.

GEOGRPY 480 APPLIED RESEARCH METHODS**4 u**

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: GEOGRPY 210 and GEOGRPY 230 and GEOGRPY 270 and ENGLISH 370 or ENGLISH 372.

GEOGRPY 485 INTERNSHIP IN GEOGRAPHY**3-12 u**

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 units in geography and have the consent of the intern committee. Students of cognate majors must have a minimum of 9 selected units in geography and consent of the intern committee.

Repeatable for a maximum of 6 units in major and 12 units in degree.

GEOGRPY 490/690 WORKSHOP**1-8 u**

Repeatable. Prereq: Consent of instructor.

GEOGRPY 491 TRAVEL STUDY*Repeatable***1-3 u****GEOGRPY 492 FIELD COURSE***Repeatable***4-6 u**

An introduction to field methods and techniques and their application in the study of a part of the United States or a foreign area. For information about a particular offering, write to the Department of Geography and Geology, University of Wisconsin-Whitewater. Repeatable.

Prereq: Consent of instructor.

GEOGRPY 494 SEMINAR**1-3 u**

Repeatable one time for a maximum of 6 units in major/degree.

GEOGRPY 496/696 SPECIAL STUDIES**1-3 u**

Repeatable one time for a maximum of 6 units in major/degree.

GEOGRPY 497 EXCHANGE STUDY*Repeatable***1-12 u****GEOGRPY 498 INDEPENDENT STUDIES IN GEOGRAPHY****1-3 u**

Repeatable one time for a maximum of 6 units in major/degree. Prereq: 12 units in geography, 2.75 grade point in geography and consent of department chairperson.

GEOLOGY

Geology is the study of the internal structure, materials, chemical and physical processes, and history of the earth. The geology program offers fundamental geology courses such that: (1) students may develop a thorough understanding of geology in support of their major or interest or (2) students desiring employment in geology or related fields may (a) qualify directly for admission to a graduate program in geology upon completion of supporting science and mathematics courses available at UW-W or (b) complete a second baccalaureate degree at an institution which offers a geology major with one additional year of study.

COURSE DESCRIPTIONS

GEOLOGY 100 PRINCIPLES OF GEOLOGY *GL* 5 u

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. Four hours of lectures and two hours of lab each week.

Coreq: MATH 140 or MATH 141 or consent of instructor. Unreq: GEOLGY 101

GEOLOGY 101 ELEMENTS OF GEOLOGY *GL* 4 u

An introduction to the study of the earth. Emphasis is placed on: (1) the materials which make up the earth, (2) the internal and external processes which affect the earth, (3) the length of geologic time, and (3) the methods of science, especially as they apply to the study of the Earth.

Coreq: MATH 140 or MATH 141. Unreq: GEOLGY 100

GEOLOGY 203 VOLCANOES *GM* 3 u

The course examines the processes that lead to different types of volcanic activities, role of volcanism on development of continents, oceans, and atmosphere, and its various impacts on the biosphere on planet earth. Volcanism on other planets and satellites within the solar system will also be explored. Special emphasis will be place on volcanoes as major economic resources and potential alternate energy sources.

Prereq: GEOLGY 100 OR GEOLGY 101

GEOLOGY 204 EARTH AND LIFE HISTORY *GM* 3 u

A study of the changes in the Earth's crust and life through geologic time and the methodology used in reconstructing Earth history, including plate tectonics, organic evolution and stratigraphy. A special fee will be assessed to cover transportation costs for those students selecting to participate on an optional field trip.

Coreq: MATH 140 or MATH 141

GEOLOGY 300 PRINCIPLES OF OCEANOGRAPHY *GM* 3 u

A study of the physical, chemical, geological and biological aspects of the major water masses of the world and human dependency on these water masses. One field trip to observe shoreline processes is required. A special fee will be assessed to students electing to participate in an optional field trip to cover the transportation costs.

Coreq: MATH 140 or MATH 141

GEOLOGY 301 ENVIRONMENTAL GEOLOGY 3 u

A study of geological phenomena such as earthquakes, volcanism, mass movements, river processes, coastal processes etc. and their impacts on society and environment. Special emphasis will be placed on examining remedial measures against geological hazards and how human actions influence natural geological processes. Three lecture hours per week.

GEOLOGY 307 DINOSAURS *GM* 3 u

The course will examine all aspects of Dinosaurs from Earth System Science perspective. Who were the Dinosaurs? When, how and where did they live on earth? What is their relationship to birds? What were the circumstances of their extinction?

Coreq: MATH 140 OR MATH 141

GEOLOGY 310 ROCKS AND MINERALS 4 u

This course will study the formation processes of common rocks and minerals, their physical properties and their various uses will be covered in detail. Rock and mineral identification techniques will be especially emphasized during the laboratory sessions. Students will be expected to devote significant amounts of time towards the lab assignments.

Prereq: GEOLGY 100 or GEOLGY 101

GEOLOGY 317 PALEONTOLOGY 3 u

A detailed study of the history of life on Earth. Lectures focus on concepts in paleontology including paleoecology; evolution; paleobiogeography; and use of fossils in the solution of geologic problems. Characteristics of common fossils will be the focus of the exercises. One field trip is required; up to two optional field trips possible (fee assessed to cover transportation

costs of optional trips).

Prereq: GEOLGY 100 or GEOLGY 101 and GEOLGY 204 or BIOLOGY 142 or consent of instructor.

GEOLOGY 318 GEOLOGIC STRUCTURES AND FIELD METHODS 4 u

A study of the causes behind the formation of the major structural features of earth as well as identification techniques and description of geologic structures in the field. Emphasis is placed on (1) understanding and quantifying geologic deformation, (2) material response to different conditions of deformation, (3) identification and description of geologic structures in microscopic, macroscopic and regional scale, (4) geologic field and data analyses techniques such as stereographic projections and preparation and interpretation of geologic maps. Offered in Spring semesters. A special fee will be assessed to those students electing to participate on an optional field trip to cover transportation costs.

Prereq: GEOLGY 100 and MATH 152

GEOLOGY 319 STRATIGRAPHY AND SEDIMENTATION 3 u

Classification and description of the various kinds of sediments and sedimentary rock units; with emphasis on carbonates; cyclic sedimentation and sequence stratigraphy. Techniques of correlating sedimentary rocks will be the focus of the exercises. One field trip is required. A special fee will be assessed to cover transportation costs to those students electing to participate on any optional field trips.

Prereq: GEOLGY 100 or GEOLGY 101, GEOLGY 204.

GEOLOGY 352 GEOHAZARDS 3 u

The course will focus on the physical processes that create environmental hazards (e.g. earthquakes, volcanoes, severe weather), the primary controls on their frequency and intensity, and how human decision-making can influence the magnitude of impact that they have when they inevitably occur. Comparisons are made between impacts of hazards on developing versus developed countries.

Prereq: GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR an approved equivalent lab course from another discipline.

GEOLOGY 451/651 NATURAL HISTORY OF YELLOWSTONE NP AND THE UPPER GREAT PLAINS 3 u

This is an introductory, multi-disciplinary, summer field course open to all. It is held at Yellowstone National Park and locations in route. Students will learn field methods, geology, ecology and natural history. It is suitable for biology and geology majors and anyone interested in field science or natural history.

Prereq: BIOLOGY 120 or BIOLOGY 141 and Consent of Instructor

GEOLOGY 490/690 WORKSHOP 1-3 u

Repeatable. Prereq: Consent of instructor.

GEOLOGY 491 TRAVEL STUDY *Repeatable* 1-3 u**GEOLOGY 492 FIELD STUDIES IN GEOLOGY** 1-3 u

Field studies of classic geologic regions. Emphasis will be placed on training in the basic techniques and methods of field studies, recognition and interpretation of geologic structures, and the use of field observations to develop both geologic understanding of the region studied and geologic reasoning ability. Students will be responsible for the cost of the university van rental and other trip expenses. Repeatable 3 times in the major and degree, up to 9 credits total.

Coreq: enrollment in or completion of GEOLGY 100 or consent of instructor.

GEOLOGY 494 SEMINAR 1-3 u

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.

GEOLGY 496/696 SPECIAL STUDIES 1-3 u
Repeatable. Prereq: Consent of instructor.

GEOLGY 498 INDEPENDENT STUDY IN GEOLOGY 1-3 u
Repeatable. Prereq: 8 units in geology or consent of instructor and program coordinator.

DEPARTMENT OF HISTORY

Phone: 262-472-1103

E-Mail: history@umw.edu

Faculty: Lloyd Binagi, Mark Boulton, Anthony Gulig, James Jaffe, Elizabeth Hachten, Nikki Mandell, Seth Meisel (Chairperson), Molly Patterson, Rebecca Shrum, Jennifer Thibodeaux, Roderick Wilson

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.

MAJORS/EMPHASES

HISTORY (BA/BS)

MAJOR - 36 UNITS

1. HISTORY 200 AND HISTORY 499
2. GEOGRAPHICAL/THEMATIC BREADTH. SELECT AT LEAST 3 UNITS IN EACH OF THE FOLLOWING GROUPS:
 - A. EUROPEAN HISTORY: HISTORY 154, HISTORY 155, HISTORY 351, HISTORY 352, HISTORY 353, HISTORY 354, HISTORY 355, HISTORY 363, HISTORY 364, HISTORY 371, HISTORY 375, OR HISTORY 377
 - B. AFRICAN, ASIAN, LATIN AMERICAN OR MIDDLE EASTERN HISTORY: HISTORY 130, HISTORY 131, HISTORY 135, HISTORY 336, HISTORY 337, HISTORY 338, HISTORY 340, HISTORY 342, HISTORY 343, HISTORY 346, HISTORY 347, HISTORY 385, HISTORY 386
 - C. US HISTORY: HISTORY 102, HISTORY 124, HISTORY 125, HISTORY 141, HISTORY 300, HISTORY 301, HISTORY 304, HISTORY 305, HISTORY 306, HISTORY 307, HISTORY 311, HISTORY 313, HISTORY 314, HISTORY 316, HISTORY 317, HISTORY 322, HISTORY 324, HISTORY 362, HISTORY 390, HISTORY 394, HISTORY 403, HISTORY 415, HISTORY 425, CHICANO 310, AFRIAMR 141, AMERIND 102
 - D. GLOBAL/COMPARATIVE, HISTORY 150, HISTORY 165, HISTORY 190, HISTORY 202, HISTORY 326, HISTORY 365, HISTORY 367, HISTORY 377, HISTORY 422, HISTORY 490, WOMENST 365, RACEETH 150

Note The following courses must be personalized into the appropriate category: HISTORY 110, HISTORY 255, HISTORY 291, HISTORY 455, HISTORY 490, HISTORY 491, HISTORY 492, HISTORY 496, HISTORY 498

3. SELECT ADDITIONAL HISTORY COURSES TO BRING TOTAL UNITS TO 36.

DISTRIBUTIONAL REQUIREMENTS

THE COURSES CHOSEN TO COMPLETE THE 36 UNITS IN

THE HISTORY MAJOR MUST SATISFY THE FOLLOWING DISTRIBUTION REQUIREMENTS:

1. INTRODUCTORY LEVEL (100s-200s, EXCLUDING HISTORY 200): SELECT 9 UNITS
2. UPPER LEVEL (300s-400s, EXCLUDING HISTORY 499): SELECT 18 UNITS.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

HISTORY - HISTORY HONORS EMPHASIS (BA/BS)

MAJOR - 36 UNITS

1. HISTORY 200
2. HISTORY 499 AND 3 UNITS OF HISTORY 498
3. GEOGRAPHICAL/THEMATIC BREADTH, SELECT AT LEAST 3 UNITS IN EACH OF THE FOLLOWING GROUPS:
 - A. EUROPEAN HISTORY: HISTORY 154, HISTORY 155, HISTORY 351, HISTORY 352, HISTORY 353, HISTORY 354, HISTORY 355, HISTORY 363, HISTORY 364, HISTORY 371, HISTORY 372, HISTORY 375, HISTORY 377
 - B. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY: HISTORY 130, HISTORY 131, HISTORY 135, HISTORY 336, HISTORY 337, HISTORY 338, HISTORY 340, HISTORY 342, HISTORY 343, HISTORY 346, HISTORY 347, HISTORY 385, HISTORY 386
 - C. U.S. HISTORY: HISTORY 102, HISTORY 124, HISTORY 125, HISTORY 141, HISTORY 300, HISTORY 301, HISTORY 304, HISTORY 305, HISTORY 306, HISTORY 307, HISTORY 311, HISTORY 313, HISTORY 314, HISTORY 317, HISTORY 322, HISTORY 324, HISTORY 362, HISTORY 390, HISTORY 394, HISTORY 403, HISTORY 415, HISTORY 425, CHICANO 310, AFRIAMR 141, AMERIND 102
 - D. GLOBAL/COMPARATIVE HISTORY: HISTORY 150, HISTORY 165, HISTORY 190, HISTORY 202, HISTORY 326, HISTORY 365, HISTORY 367, HISTORY 376, HISTORY 422, WOMENST 365, RACEETH 150

Note: The following courses must be personalized into the appropriate category: HISTORY 110, HISTORY 291, HISTORY 455, HISTORY 490, HISTORY 491, HISTORY 492, HISTORY 496, HISTORY 498

4. SELECT ADDITIONAL HISTORY COURSES TO BRING TOTAL UNITS TO 36.

UNIQUE REQUIREMENT

1. SELECT 3-4 UNITS FROM THE FOLLOWING OPTIONS (MUST BE PERSONALIZED):
 - A. 3RD SEMESTER OR HIGHER OF COLLEGE-LEVEL FOREIGN LANGUAGE (FRENCH 251, GERMAN 251, SPANISH 251, JAPANESE 103) OR EQUIVALENT COMPETENCY DEMONSTRATED BY EXAMINATION
 - B. 3 UNITS OF INTERNATIONAL TRAVEL STUDY OR STUDY ABROAD
 - C. MATH 245 OR ECON 245
2. CHRONOLOGICAL BREADTH: SELECT AT LEAST 6 UNITS OF PRE-MODERN HISTORY (These courses may also count in the major requirements): HISTORY 124, HISTORY 130, HISTORY 150, HISTORY 154, HISTORY 300, HISTORY 301, HISTORY 304, HISTORY 313, HISTORY 316, HISTORY 324, HISTORY 336, HISTORY 342, HISTORY 351, HISTORY 354, HISTORY 355, HISTORY 363, HISTORY 371

DISTRIBUTIONAL REQUIREMENTS

THE COURSES CHOSEN TO COMPLETE THE 36 UNITS IN THE HISTORY MAJOR MUST SATISFY THE FOLLOWING DISTRIBUTION REQUIREMENTS:

1. INTRODUCTORY LEVEL (100s-200s excluding HISTORY 200):

SELECT AT LEAST 9 UNITS

- UPPER LEVEL (300s-400s, excluding HISTRY 499): SELECT AT LEAST 18 UNITS, INCLUDING 3 UNITS OF 400-LEVEL SEMINAR

APPROVED MINOR REQUIRED

HISTORY WITH PUBLIC HISTORY EMPHASIS (BA/BS)

Program Coordinators: Anthony Gulig (guliga@uww.edu)
Rebecca Shrum (shrumr@uww.edu)

MAJOR - 36 UNITS

- HISTRY 200, HISTRY 202 AND HISTRY 499
- HISTRY 493 SELECT AT LEAST 3 UNITS
- GEOGRAPHICAL/THEMATIC BREADTH. SELECT AT LEAST 3 UNITS IN EACH OF THE FOLLOWING GROUPS:
 - EUROPEAN HISTORY: HISTRY 154, HISTRY 155, HISTRY 351, HISTRY 352, HISTRY 353, HISTRY 354, HISTRY 355, HISTRY 363, HISTRY 364, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 377
 - AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 336, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 385, HISTRY 386
 - U.S. HISTORY: HISTRY 102, HISTRY 124, HISTRY 125, HISTRY 141, HISTRY 300, HISTRY 301, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 313, HISTRY 314, HISTRY 317, HISTRY 322, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 403, HISTRY 415, HISTRY 425, CHICANO 310, AFRIAMR 141, AMERIND 102
 - GLOBAL/COMPARATIVE: HISTRY 150, HISTRY 165, HISTRY 190, HISTRY 202, HISTRY 326, HISTRY 365, HISTRY 367, HISTRY 376, HISTRY 422, WOMENST 365, RACEETH 150
- SELECT ADDITIONAL HISTORY COURSES TO BRING TOTAL UNITS TO 36.

Note: The following courses must be personalized into the appropriate category: HISTRY 110, HISTRY 255, HISTRY 291, HISTRY 455, HISTRY 490, HISTRY 491, HISTRY 492, HISTRY 496, HISTRY 498

DISTRIBUTIONAL REQUIREMENTS

THE COURSES CHOSEN TO COMPLETE THE 36 UNITS IN THE HISTORY MAJOR MUST SATISFY THE FOLLOWING DISTRIBUTION REQUIREMENTS:

- INTRODUCTORY LEVEL (100s-200s, EXCLUDING HISTRY 200): SELECT 9 UNITS.
- UPPER LEVEL (300s-400s, EXCLUDING HISTRY 499): SELECT 18 UNITS.

UNIQUE REQUIREMENTS

- SELECT AT LEAST 6 UNITS FROM THE COURSES LISTED BELOW:
LIBMEDIA 351, LIBMEDIA 451, JOURNLSM 220, COMM 202, GEOGRPY 344, POLISCI 320, POLISCI 440, ITBE 353, ARTHIST 201, ARTHIST 202, ARTHIST 305, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319, COMM 238
- CHRONOLOGICAL BREADTH. SELECT AT LEAST 6 UNITS OF PRE-MODERN HISTORY: HISTRY 124, 130, 150, 154, 300, 301, 304, 313, 324, 336, 342, 351, 353, 354, 355, 363, 371, RACEETH 150

An approved minor is required for this major.

HISTORY-PUBLIC HISTORY HONORS EMPHASIS (BA/BS)

MAJOR - 36 UNITS

- HISTRY 200
 - APPLIED HISTORY: HISTRY 493 SELECT AT LEAST 3 UNITS
 - HONORS THESIS: HISTRY 499 AND 3 UNITS OF HISTRY 498 OR HISTRY 493 BEYOND THE MINIMUM IN #2 (MUST BE PERSONALIZED)
 - GEOGRAPHICAL/THEMATIC BREADTH: SELECT AT LEAST 3 UNITS IN EACH OF THE FOLLOWING GROUPS:
 - EUROPEAN HISTORY: HISTRY 154, HISTRY 155, HISTRY 351, HISTRY 352, HISTRY 353, HISTRY 354, HISTRY 355, HISTRY 363, HISTRY 364, HISTRY 371, HISTRY 372, HISTRY 375, HISTRY 377
 - AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY: HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 336, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 385, HISTRY 386
 - U.S. HISTORY: HISTRY 102, HISTRY 124, HISTRY 125, HISTRY 141, HISTRY 300, HISTRY 301, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 313, HISTRY 314, HISTRY 316, HISTRY 317, HISTRY 322, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 403, HISTRY 415, HISTRY 425, CHICANO 310, AFRIAMR 141, AMERIND 102
 - GLOBAL/COMPARATIVE HISTORY: HISTRY 150, HISTRY 165, HISTRY 190, HISTRY 202, HISTRY 326, HISTRY 365, HISTRY 367, HISTRY 376, HISTRY 422, RACEETH 150, WOMENST 365
- Note: The following courses must be personalized into your Geographical Depth or Geographical/Thematic Breadth category: HISTRY 110, HISTRY 291, HISTRY 455, HISTRY 490, HISTRY 491, HISTRY 492, HISTRY 496, HISTRY 498
- SELECT ADDITIONAL HISTORY COURSES TO BRING TOTAL UNITS TO 36.

UNIQUE REQUIREMENT

- SELECT AT LEAST 6 UNITS FROM THE FOLLOWING COURSES LISTED BELOW:
LIBMEDIA 451, LIBMEDIA 351, JOURNLSM 220, COMM 202, GEOGRPY 344, POLISCI 320, POLISCI 440, ITBE 353, ARTHIST 201, ARTHIST 202, ARTHIST 305, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319, COMM 238
- SELECT 3-4 UNITS FROM THE FOLLOWING OPTIONS (MUST BE PERSONALIZED):
 - 3RD SEMESTER OR HIGHER OF COLLEGE-LEVEL FOREIGN LANGUAGE (FRENCH 251, GERMAN 251, SPANISH 251, JAPANESE 103) OR EQUIVALENT COMPETENCY DEMONSTRATED BY EXAMINATION
 - 3 UNITS OF INTERNATIONAL TRAVEL STUDY OR STUDY ABROAD
 - MATH 245 OR ECON 245
- CHRONOLOGICAL BREADTH: SELECT AT LEAST 6 UNITS OF PRE-MODERN HISTORY (These courses may also count in the major requirements): HISTRY 124, HISTRY 130, HISTRY 150, HISTRY 154, HISTRY 300, HISTRY 301, HISTRY 304, HISTRY 313, HISTRY 324, HISTRY 336, HISTRY 342, HISTRY 351, HISTRY 354, HISTRY 355, HISTRY 363, HISTRY 371, RACEETH 150

DISTRIBUTIONAL REQUIREMENTS

THE COURSES CHOSEN TO COMPLETE THE 36 UNITS IN

THE HISTORY MAJOR MUST SATISFY THE FOLLOWING DISTRIBUTION REQUIREMENTS:

1. INTRODUCTORY LEVEL (100s-200s excluding HISTORY 200): SELECT AT LEAST 9 UNITS
2. UPPER LEVEL (300s-400s, excluding HISTORY 499): SELECT AT LEAST 18 UNITS

APPROVED MINOR REQUIRED

HISTORY (BSE)

LICENSURE - 44 UNITS

1. SECNDED 466
2. EDFOUND 212 AND EDFOUND 243 AND EDFNDPRC 210
3. EDFOUND 425
- 4A. STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 (MIDDLE SCHOOL) OR CIFLD 404 (SECONDARY SCHOOL)
- 4B. STUDENT TEACHING
SELECT 12 UNITS FROM CIFLD 414 (SECONDARY SCHOOL) OR CIFLD 412 (MIDDLE SCHOOL)
5. SECNDED 430
6. GEOGRPY 252 OR BIOLOGY 214
7. ECON 213
8. CIFLD 492
9. SPECED 205

MAJOR - 36 UNITS

1. US HISTORY
 - A. EARLY US HISTORY. SELECT 6 UNITS: HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 304, HISTRY 313, HISTRY 324
 - B. MODERN US HISTORY. SELECT 6 UNITS: HISTRY 102, HISTRY 125, HISTRY 141, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 314, HISTRY 317, HISTRY 322, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 403, HISTRY 415, HISTRY 425, CHICANO 310, AFRIAMR 141, AMERIND 102
2. EUROPEAN HISTORY
 - A. EARLY EUROPEAN HISTORY. SELECT 3-6 UNITS: HISTRY 154, HISTRY 351, HISTRY 353, HISTRY 354, HISTRY 355, HISTRY 363 AND HISTRY 371
 - B. MODERN EUROPEAN HISTORY. SELECT 3-6 UNITS: HISTRY 155, HISTRY 352, HISTRY 364, HISTRY 372, HISTRY 375, HISTRY 377
3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY SELECT 6 UNITS: HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 336, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 385, HISTRY 386
4. COMPARATIVE AND GLOBAL HISTORY.
SELECT 0-6 UNITS: HISTRY 150, HISTRY 165, HISTRY 190, HISTRY 202, HISTRY 326, HISTRY 365, HISTRY 367, HISTRY 376, HISTRY 422, WOMENST 365, AND RACEETH 150
5. METHODS COURSES. HISTRY 200 AND HISTRY 499
6. A MAXIMUM OF 15 UNITS IN 100 LEVEL COURSES MAY COUNT TOWARDS THE MAJOR.
7. SELECT ADDITIONAL HISTORY COURSES TO BRING TOTAL UNITS TO 36

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Note: The following courses must be personalized. HISTRY 110, HISTRY 255, HISTRY 291, HISTRY 455, HISTRY 490, HISTRY 491, HISTRY 492, HISTRY 496, HISTRY 498 - consult your advisor regarding personalization of these courses.

HISTORY WITH SOCIAL STUDIES EMPHASIS (BSE)*

An interdisciplinary social studies major designed to equip the secondary teacher to teach history and the interdisciplinary social studies courses.

LICENSURE - 44 UNITS

1. SECNDED 466
2. EDFOUND 212, EDFOUND 243 AND EDFNDPRC 210
3. EDFOUND 425
- 4A. STUDENT TEACHING: SELECT 2 UNITS FROM CIFLD 402 (MIDDLE SCHOOL) OR CIFLD 404 (SECONDARY SCHOOL)
- 4B. STUDENT TEACHING: SELECT 12 UNITS FROM CIFLD 414 (SECONDARY SCHOOL) OR CIFLD 412 (MIDDLE SCHOOL)
5. SECNDED 430
6. GEOGRPY 252 OR BIOLOGY 214
7. ECON 213
9. CIFLD 492
10. SPECED 205

MAJOR - 57 UNITS

1. U.S. HISTORY
 - a. EARLY U.S. HISTORY, SELECT 6 UNITS FROM HISTRY 124, HISTRY 300, HISTRY 301, HISTRY 304, HISTRY 313, AND HISTRY 324
 - b. MODERN U.S. HISTORY, SELECT 6 UNITS FROM HISTRY 102, HISTRY 125, HISTRY 141, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 311, HISTRY 314, HISTRY 317, HISTRY 322, HISTRY 362, HISTRY 390, HISTRY 394, HISTRY 403, HISTRY 415, HISTRY 425, CHICANO 310, AMERIND 102, AFRIAMR 141
2. EUROPEAN HISTORY
 - a. EARLY EUROPEAN HISTORY, SELECT 3-6 UNITS FROM HISTRY 154, HISTRY 351, HISTRY 353, HISTRY 354, HISTRY 355, HISTRY 363, HISTRY 371
 - b. MODERN EUROPEAN HISTORY, SELECT 3-6 UNITS FROM HISTRY 155, HISTRY 352, HISTRY 372, HISTRY 375, HISTRY 377
3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY, SELECT 3-6 UNITS FROM HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 336, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 385, HISTRY 386
4. COMPARATIVE AND GLOBAL HISTORY, SELECT 0-6 UNITS FROM: HISTRY 150, HISTRY 165, HISTRY 190, HISTRY 202, HISTRY 326, HISTRY 365, HISTRY 367, HISTRY 422, HISTRY 386, RACEETH 150, WOMENST 365
5. METHODS COURSES: HISTRY 200 AND HISTRY 499
6. SELECT ADDITIONAL HISTORY COURSES TO BRING TOTAL HISTORY UNITS TO 36
7. SELECT 9-12 UNITS FROM TWO OF THE FOLLOWING DEPARTMENTS FOR A TOTAL OF 21 UNITS
 - a. SELECT 9-12 UNITS FROM GEOGRAPHY DEPT EXCLUDING COURSES GEOGRPY 210, GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY 323, GEOGRPY 330, AND GEOGRPY 450. AT LEAST 3 UNITS MUST BE CHOSEN FROM GEOGRPY 230, GEOGRPY 250, AND GEOGRPY 252
 - b. SELECT 9-12 UNITS FROM POLITICAL SCIENCE DEPT. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES POLISCI 141 OR POLISCI 250
 - c. SELECT 9-12 UNITS FROM ECONOMICS DEPT EXCLUDING

- ING ECON 245 AND ECON 345. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES ECON 202 OR ECON 213
- d. SELECT 9-12 UNITS FROM PSYCHOLOGY DEPT EXCLUDING PSYCH 215. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES PSYCH 104, PSYCH 202 OR PSYCH 211
- e. SELECT 9-12 UNITS FROM SOCIOLOGY DEPT. AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES SOCIOLOGY 140 OR SOCIOLOGY 250

A MAXIMUM OF 15 UNITS IN 100 LEVEL HISTORY COURSES MAY COUNT TOWARDS THE MAJOR

Note: The following courses must be personalized into the appropriate category: HISTORY 110, HISTORY 255, HISTORY 291, HISTORY 455, HISTORY 490, HISTORY 491, HISTORY 492, HISTORY 496, HISTORY 498 - consult your advisor regarding personalization of these courses.

***Additional Licensure Requirement:**

A Department of Public Instruction designated "content knowledge" test that incorporates the Wisconsin model academic standards.

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 ECON 213, Economic Principles for Secondary Teachers. The requirement for instruction in conservation may be met by the completion of GEOGR 252, Human Environmental Problems, or BIOLOGY 214, Ecology and Man.

MINORS/EMPHASES

HISTORY

MINOR - 24 UNITS

1. CHRONOLOGICAL BREADTH. SELECT AT LEAST 3 UNITS OF PRE-MODERN HISTORY FROM: HISTORY 124, HISTORY 130, HISTORY 150, HISTORY 154, HISTORY 300, HISTORY 301, HISTORY 304, HISTORY 313, HISTORY 324, HISTORY 336, HISTORY 342, HISTORY 351, HISTORY 353, HISTORY 354, HISTORY 355, HISTORY 363, HISTORY 364, HISTORY 371, RACEETH 150
2. EUROPEAN HISTORY: SELECT AT LEAST 3 UNITS FROM: HISTORY 154, HISTORY 155, HISTORY 351, HISTORY 352, HISTORY 353, HISTORY 354, HISTORY 355, HISTORY 363, HISTORY 371, HISTORY 372, HISTORY 375, HISTORY 377
3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY, SELECT AT LEAST 3 UNITS FROM: HISTORY 130, HISTORY 131, HISTORY 135, HISTORY 336, HISTORY 337, HISTORY 338, HISTORY 340, HISTORY 342, HISTORY 343, HISTORY 346, HISTORY 347, HISTORY 360, HISTORY 385, HISTORY 386
4. US HISTORY, SELECT AT LEAST 3 UNITS FROM: HISTORY 102, HISTORY 124, HISTORY 125, HISTORY 141, HISTORY 300, HISTORY 304, HISTORY 305, HISTORY 306, HISTORY 307, HISTORY 311, HISTORY 313, HISTORY 314, HISTORY 317, HISTORY 322, HISTORY 324, HISTORY 362, HISTORY 390, HISTORY 394, HISTORY 403, HISTORY 415, HISTORY 425, CHICANO 310, AFRIAMR 141, AMERIND 102
5. GLOBAL/COMPARATIVE, SELECT AT LEAST 3 UNITS FROM: HISTORY 150, HISTORY 165, HISTORY 190, HISTORY 202, HISTORY 326, HISTORY 365, HISTORY 367, HISTORY 376, HISTORY 422, WOMENST 365, RACEETH 150

DISTRIBUTIONAL REQUIREMENT

THE COURSES CHOSEN TO COMPLETE THE 24 UNITS IN HISTORY MINOR MUST SATISFY THE FOLLOWING DISTRIBUTION REQUIREMENT

1. UPPER LEVEL COURSES (300-400s): SELECT AT LEAST 12 UNITS

Note the following courses must be personalized into the appropriate category: HISTORY 110, HISTORY 255, HISTORY 291, HISTORY 455, HISTORY 490, HISTORY 491, HISTORY 492, HISTORY 496, HISTORY 498

HISTORY EDUCATION EMPHASIS

MINOR - 24 UNITS

1. U.S. HISTORY
 - A. HISTORY 124 AND HISTORY 125
 - B. WISCONSIN HISTORY. HISTORY 311
2. EUROPEAN HISTORY
 - A. HISTORY 154 AND HISTORY 155
3. AFRICAN, ASIAN, LATIN AMERICAN, OR MIDDLE EASTERN HISTORY

SELECT 6 UNITS: HISTORY 130, HISTORY 131, HISTORY 135, HISTORY 336, HISTORY 337, HISTORY 338, HISTORY 340, HISTORY 342, HISTORY 343, HISTORY 346, HISTORY 347, HISTORY 385, HISTORY 386, HISTORY 432, HISTORY 433 AND HISTORY 434
4. ELECTIVES: SELECT 3 ADDITIONAL UNITS OF HISTORY

DISTRIBUTIONAL REQUIREMENT

THE COURSES CHOSEN TO COMPLETE THE 24 UNITS IN HISTORY EDUCATION MINOR MUST SATISFY THE FOLLOWING DISTRIBUTION REQUIREMENT

1. UPPER LEVEL COURSES (300-400s): SELECT AT LEAST 12 UNITS

Note: The following courses must be personalized into the appropriate category: HISTORY 110, HISTORY 255, HISTORY 422, HISTORY 455, HISTORY 490, HISTORY 491, HISTORY 492, HISTORY 496, HISTORY 498 - consult with your advisor regarding personalization of these courses.

HISTORY PUBLIC HISTORY EMPHASIS

MINOR - 24 UNITS

1. SELECT 3-9 UNITS IN EARLY US HISTORY: HISTORY 124, HISTORY 300, HISTORY 301, HISTORY 304, HISTORY 313, HISTORY 324
2. SELECT 3-9 UNITS IN MODERN US HISTORY: HISTORY 102, HISTORY 125, HISTORY 141, HISTORY 305, HISTORY 306, HISTORY 307, HISTORY 311, HISTORY 314, HISTORY 317, HISTORY 322, HISTORY 362, HISTORY 390, HISTORY 394, HISTORY 403, HISTORY 415, HISTORY 425, CHICANO 310, AFRIAMR 141, AMERIND 102
3. SELECT AT LEAST 3 UNITS IN EUROPEAN HISTORY: HISTORY 154, HISTORY 155, HISTORY 351, HISTORY 352, HISTORY 353, HISTORY 354, HISTORY 355, HISTORY 363, HISTORY 364, HISTORY 371, HISTORY 372, HISTORY 375, HISTORY 377
4. SELECT AT LEAST 3 UNITS IN AFRICAN, ASIAN, LATIN AMERICAN OR MIDDLE EASTERN HISTORY: HISTORY 130, HISTORY 131, HISTORY 135, HISTORY 336, HISTORY 337, HISTORY 338, HISTORY 340, HISTORY 342, HISTORY 343, HISTORY 346, HISTORY 347, HISTORY 385, HISTORY 386
5. SELECT 0-6 UNITS IN COMPARATIVE HISTORY: HISTORY 150, HISTORY 165, HISTORY 190, HISTORY 202, HISTORY 326, HISTORY 365, HISTORY 367, HISTORY 376, HISTORY 422, RACEETH 150, WOMENST 365
6. APPLIED HISTORY: HISTORY 493
7. SELECT AT LEAST 3 UNITS FROM THE FOLLOWING

APPLICATIONS METHODS ELECTIVES: LIBMEDIA 350, LIBMEDIA 351, LIBMEDIA 434, LIBMEDIA 451, JOURNL 220, COMM 202, COMM 238, GEOGRPY 344, POLISCI 320, POLISCI 440, ITBE 353, ARTHIST 201, ARTHIST 202, ARTHIST 305, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319

DISTRIBUTIONAL REQUIREMENT

THE COURSES CHOSEN TO COMPLETE THE 24 UNITS IN THE HISTORY MINOR MUST SATISFY THE FOLLOWING DISTRIBUTION REQUIREMENT.

1. UPPER LEVEL COURSES (300-400s) SELECT AT LEAST 12 UNITS.

Note: the following courses must be personalized into the appropriate category: HISTRY 110, HISTRY 255, HISTRY 291, HISTRY 455, HISTRY 490, HISTRY 491, HISTRY 492, HISTRY 496, HISTRY 498

COURSE DESCRIPTIONS

HISTRY 102 INTRODUCTION TO AMERICAN INDIAN STUDIES *GH/Diversity* 3 u

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. Unreq: AMERIND 102

HISTRY 110 HISTORY THROUGH FILM *GH* 3 u

This variable-topics course will introduce students to selected historical themes depicted by popular film. Students will watch and deconstruct popular historical films within the larger context of scholarly analysis of a particular historic period or event. Evaluation will be based on a variety of essay and objective exams. As well, in-class discussion will form a significant basis for evaluation.

HISTRY 124 AMERICAN HISTORY TO 1877 *GH/Diversity* 3 u

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.

HISTRY 125 AMERICAN HISTORY SINCE 1877 *GH/Diversity* 3 u

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 HISTRY 124 provides a complete American history survey.

HISTRY 130 THE EAST ASIAN TRADITION *GH* 3 u

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.

HISTRY 131 EAST ASIA SINCE 1800 *GH* 3 u

A survey of China and Japan in the nineteenth and twentieth centuries centering on the process of modernization in both of these countries.

HISTRY 135 INTRODUCTION TO ISLAMIC CIVILIZATIONS *GH* 3 u

This course examines the emergence and evolution of Islamic Civilizations from the seventh century through the modern era. It covers the birth and spread of Islam, the rise and fall of Muslim Empires, religious and political institutions, scientific and cultural achievements, and the position of women and religious minorities.

HISTRY 141 MODERN BLACK AMERICAN HISTORY *GH/Diversity* 3 u

A critical examination and analysis of the status and role of Black Americans in the United States since 1865. Unreq: AFRIAMR 141

HISTRY 150 ATLANTIC HISTORY *GH/Diversity* 3 u

This course explores the historic Atlantic community from the Columbian era to 1870. It examines the process which drew together the history of four continents, Europe, Africa, North and South America as a result of the commerce, migrations, and imperial rivalries initiated by the Columbian encounter. Unreq: RACEETH 150

HISTRY 154 WESTERN CIVILIZATION *GH* 3 u

An examination of the social, cultural, political and economic forces that have shaped Western civilization from early ancient Mediterranean cultures to the eighteenth century.

HISTRY 155 HISTORY OF MODERN EUROPE *GH* 3 u

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 HISTRY 154 provides a complete survey of Western civilization.

HISTRY 165 FROM NEWTON TO THE NUCLEAR AGE: HISTORY OF WESTERN SCIENCE SINCE 1600 *GH* 3 u

An exploration of the history of modern science in the Western world, with emphasis on the Scientific Revolution; evolutionary theory and its impact on religion and society; links between science and technology; the emergence of "big" science and the professional scientist; gender, race, and science.

HISTRY 190 NORTH AMERICAN ENVIRONMENTAL HISTORY *GH* 3 u

This course will examine human interaction with the natural environment in North America between roughly 1400 and the present. Special attention will be paid to the twentieth century. It will also explore the ways in which people have historically defined, used, and modified nature to suit their needs and interests.

HISTRY 200 HISTORICAL METHODS 3 u

This course provides an introduction to the methods and theories historians use to study the past. Through projects and papers, students will develop their skills in critically reading, analyzing, researching and writing about history. They will also be introduced to major trends in historical theory and interpretation.

Prereq: History major, completion of six units in history (may include GENED 120) or consent of instructor.

HISTRY 202 INTRODUCTION TO PUBLIC HISTORY 3 u

History 202 introduces students to the ideas, methodologies, and practices of public historians through readings, lectures, and class discussions. Additionally, students will have the opportunity to meet historians practicing in the public arena and to produce a collaborative public history project. Coreq: HISTRY 200

HISTRY 255 CRITICAL ISSUES *GH* 3 u

This course examines new historical themes each semester with an expert in the field. In a small seminar setting, classes will focus on discussion of a variety of different kinds of historical sources and provide the opportunity for students to carry out their research project on the topic.

HISTRY 300 AMERICAN COLONIAL HISTORY TO 1763 *GH* 3 u

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.

HISTRY 301 REVOLUTION AND CONFEDERATION 1763-1789 3 u

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.

HISTORY 304 THE AGE OF CIVIL WAR AND RECONSTRUCTION 1850-1877 GH 3 u

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.

HISTORY 305 FROM THE GILDED AGE TO THE WORLD STAGE, 1875-1920 3 u

This course explores the emergence of modern America, a period of unprecedented economic growth, consumerism, class conflict and political transformation. It examines the dramatic struggles through which the United States became the world's industrial leader, set a new course toward global leadership, redefined government, and absorbed an increasingly diverse population.

HISTORY 306/506 AMERICA IN PROSPERITY, DEPRESSION AND WORLD WAR II, 1919-1945 3 u

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.

HISTORY 307 RECENT AMERICA, 1945 TO THE PRESENT GH 3 u

A study of American society, diplomacy, economics, and politics from the end of World War II to the present.

CHICANO 310 HISTORY OF CHICANOS IN THE U.S.: 19TH CENTURY ROOTS AND 20TH CENTURY DEVELOPMENT 3 u

(See *Chicano Studies*)

HISTORY 311 WISCONSIN HISTORY 3 u

A study of Wisconsin from its first settlement to the present day with emphasis upon the late nineteenth century and the twentieth century.

HISTORY 313 WOMEN IN AMERICAN HISTORY I: 1600- 1875 GH 3 u

A study of women and gender in American history, 1600- 1875. The course focuses on topics of work, family and political activism. Particular attention is given to the diverse and inter-related experiences of women of different race and ethnic groups.

Prereq: Sophomore standing or consent of the instructor.

HISTORY 314 WOMEN IN AMERICAN HISTORY II: 1875 TO THE PRESENT GH 3 u

A study of women and gender in American history, 1875 to the present. The course focuses on topics of work, family and political activism. Particular attention is given to the diverse and inter-related experiences of women of different race and ethnic groups.

Prereq: Sophomore standing or consent of the instructor.

HISTORY 317 UNITED STATES SOCIAL HISTORY 1865 TO THE PRESENT GH 3 u

A study of the transformation of the United States from an agrarian and producer-based society to an industrial and consumer-based society. The course examines the ways in which class, race, ethnicity, gender and region have shaped American society and contributed to diversity in the American experience.

Prereq: Sophomore standing or consent of the instructor.

HISTORY 321 A HISTORY OF BLACK MIGRATION IN THE U.S. 3 u

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: Sophomore standing or consent of instructor. Unreq: AFRIMAR 321

HISTORY 322 UNITED STATES FOREIGN POLICY AND EMPIRE, 1790 TO THE RECENT PAST 3 u

This course analyzes the history of the United States' territorial growth and increasing global influence from the 1790s down to the recent past. In addition to covering the main U.S. diplomatic and military engagements, the course will explore the themes and ideas that underpinned this process of expansion.

HISTORY 324/524 AMERICAN INDIAN HISTORY Diversity 3 u

A study of the role of the Native American in United States History with special emphasis on Indian policies of the colonizing nations, United States government policies, Indian cultures and contemporary problems and issues.

Prereq: GENED 120 or 3 units of history or cons instr.

HISTORY 326 GLOBAL WOMEN'S HISTORY, SINCE 1800 3 u

A comparative historical study examining women's experiences in representative societies in the modern world (Africa, Asia, Latin America, the Middle East and the North Atlantic World). The course focuses on themes of work, family and politics. Emphasis is placed on the ways in which women have shaped and been affected by economic modernization, colonialism, political change, traditional views of gender and feminism.

Prereq: Sophomore standing or consent of instructor

HISTORY 336 EMPIRES & INVASIONS IN THE PRE-MODERN MIDDLE EAST: 500-1500 3 u

"Empires & Invasions in the Pre-Modern Middle East" examines the growth and development Middle Eastern civilization from the eve of Islam through the early modern period. It looks at how the peoples of the Middle East built and sustained one of the richest multi-ethnic empires in the pre-modern world. This course is designed to give students all the tools they need to succeed and assumes no prior exposure to non-Western history.

Prereq: Sophomore standing or consent of instructor

HISTORY 337 MODERNIZATION IN THE MIDDLE EAST GH 3 u

This course is an undergraduate survey of modernization in the Ottoman Empire and its Afro-Asian successor states from the Islamic reform movements of the late 18th century until present. It will emphasize the broad sweep of modernization throughout the region, focusing thematically on its geo-political, economic, social, and ideological aspects.

Prereq: Sophomore standing or consent of the instructor

HISTORY 338 ARAB-ISRAELI CONFLICT, 1900-PRESENT 3 u

This course is an undergraduate survey of the Arab-Israeli conflict from the birth of Zionism during the turn of the 20th century until the present. This course will also focus on the political, socio-economic, and cultural repercussions of this conflict.

Prereq: Sophomore standing or consent of the instructor

HISTORY 340 INTRODUCTION TO AFRICAN HISTORY GH 3 u

A survey of major ideas, concepts, movements, institutions and events that have influenced and shaped African civilization and history.

HISTORY 342 CONQUEST AND COLONIALISM IN LATIN AMERICA GH 3 u

An introduction to the history of Latin America from pre-Columbian times to 1860. Traces the development of colonial rule and the formation of new nations after 1810. Topics include the nature of pre-Columbian societies, the resistance and accommodations of indigenous peoples to European conquest, the institutions and culture of African slavery, the role of the Catholic church, the evolution of race, gender, and class hierarchies, and fragility of the new nation-states after Independence.

Prereq: Sophomore standing

HISTORY 343 MODERN LATIN AMERICA GH 3 u

This course surveys the history of Latin America from the 1860 to the present, centering discussion on the examples of Argentina, Brazil, Peru, Mexico

and Cuba. Topics include the legacy of colonialism, the consolidation of nation-states, Latin America's participation in the world economy, reformist and revolutionary political movements, military dictatorships, foreign intervention and the emergence of social movements.

Prereq: Sophomore standing

HISTRY 346 HISTORY OF MEXICO *GH* **3 u**

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.

HISTRY 347 REVOLUTIONARY CHANGE IN LATIN AMERICA *GH* **3 u**

Examines the revolutionary tradition in Latin America focusing on nations where revolutionary movements came to power: Cuba, Chile and Nicaragua. Why do some revolutionary groups triumph while most have failed? What challenges do revolutionary regimes face once in power? How successful have they been in realizing their goals?

Prereq: Sophomore standing or consent of instructor.

HISTRY 351 REBELLION AND REVOLUTION IN ENGLAND, 1066-1688 *GH* **3 u**

A survey of the major social and political developments in English history from the Norman Conquest to the Glorious Revolution. Particular attention is paid to the repeated crises of the English monarchy and the social impact of war, rebellion and revolution during these years.

Prereq: Sophomore standing or cons of instr.

HISTRY 352 SOCIETY AND CULTURE IN MODERN BRITAIN 1763-PRESENT *GH* **3 u**

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 consent of instructor.

HISTRY 353 ANCIENT HISTORY **3 u**

A study of the civilization of the Ancient Near East, of Greece and of Rome.

Prereq: Sophomore standing or consent of instructor

HISTRY 354/554 MEDIEVAL EUROPE **3 u**

A survey of basic political, socio-economic, cultural and religious trends in European history from A.D. 300 to 1500.

Prereq: Sophomore standing or consent of instructor

HISTRY 355 EARLY MODERN EUROPE, 1300-1600 **3 u**

European history from 1300 to 1600 with emphasis on the Renaissance in Italy and northern Europe and the period of the Reformation.

Prereq: Sophomore standing or consent of instructor

HISTRY 361 HISTORY OF SEXUALITY **3 u**

This course is a survey focused on the comparative examination of particular themes in the history of sexuality worldwide from the society of ancient Greece to the modern world. Students will be introduced to the historical study of such themes as same-sex behavior, pornography, prostitution, birth control and disease, among others.

Prereq: Sophomore standing or consent of instructor

HISTRY 362 AMERICAN BUSINESS HISTORY *GH* **3 u**

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.

HISTRY 363 FROM GODDESSES TO WITCHES: WOMEN IN PREMODERN EUROPEAN HISTORY **3 u**

This course is a history of women in ancient, medieval and early modern

European history, roughly the period from 4000 BCD to around 1750 CE. It focuses on the role, status and agency of women in different premodern European contexts, with particular focus on politics, culture and religion.

Prereq: Sophomore standing or consent of instructor

HISTRY 364 MODERN EUROPEAN WOMEN'S HISTORY **3 u**

A survey of women's roles and gender relations in modern Europe from 1750 to the present. Topics include women's participation in political revolutions and social change; the gender dynamics of imperial conquest and competition; changing discourses on female sexuality; women and the world wars; and the diversity of European feminisms.

Prereq: Sophomore standing or consent of instructor

HISTRY 365 WOMEN, SCIENCE AND SOCIETY **3 u**

Historical survey of women's contributions to science; case studies of modern women scientists; feminism and scientific knowledge.

Prereq: Junior standing or WOMENST 100 Unreq: WOMENST 365

HISTRY 367 HISTORY OF CAPITALISM IN THE WEST **3 u**

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.

HISTRY 371 HISTORY OF RUSSIA TO 1815 **3 u**

A survey of Russian history to 1815, emphasizing its relationship to major problems in European history.

HISTRY 372 HISTORY OF RUSSIA SINCE 1815 **3 u**

A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.

HISTRY 375 THE AGE OF EUROPEAN REVOLUTIONS, 1789-1848 **3 u**

A survey and analysis of the political and economic changes in Europe between 1789 and 1848. Particular attention will be paid to the changing forms of protest, the social impact of revolution, the evolution of political ideologies, and the impact of industrialization on everyday life.

Prereq: Sophomore standing or consent of instructor.

HISTRY 376 RISE AND FALL OF THE FRENCH OVERSEAS EMPIRE **3 u**

This survey course introduces students to major themes in the history of French imperialism and colonialism, from first encounters with "New World" inhabitants during the age of exploration to the bloodstained process of decolonization in the second half of the twentieth century.

Prereq: Sophomore standing or consent of the instructor

HISTRY 377 HISTORY OF TWENTIETH CENTURY EUROPE **3 u**

A survey of the political, economic, social, and cultural history of Europe since about 1914.

Prereq: Sophomore standing or consent of instructor

HISTRY 385 MODERN CHINA **3 u**

An examination of violent socio-political upheavals in China beginning with the White Lotus Rebellion and culminating with the Communist Revolution.

Prereq: Sophomore standing or consent of instructor

HISTRY 386 MODERN JAPAN **3 u**

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: Sophomore standing or consent of instructor

HISTRY 390 AMERICAN MILITARY HISTORY **3 u**

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.

HISTRY 394 THE U.S. AT WAR IN VIETNAM 3 u

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.

HISTRY 403 HISTORY OF THE AMERICAN WEST 3 u

A study of the exploration and settlement of the Trans-Mississippi West with special emphasis on the fur-trading era, Plains Indians culture, and the mythology of the West. Slides and video are used extensively to illustrate the lecture topics.

Prereq: GENED 120 or 3 units of history or cons instr.

HISTRY 415/615 HISTORY OF SOCIAL WELFARE IN THE UNITED STATES 3 u

Examines ideas and practices of social welfare provision in the United States from the colonial era to the present. The course explores recurring issues such as private vs. state-based provision, definitions of "the needy", and the impact of gender, class, race/ethnicity and economic change on social welfare practices. The course will be of particular interest to those seeking to understand U.S. history or the roots of current social welfare practice and debates.

Prereq: Junior status and 3 units of history (or GENED 120) or consent of instructor

HISTRY 422/622 GREAT TRIALS IN HISTORY 3 u

This course explores major themes in the history of Western European and to a lesser extent the United States' legal institutions and legal cultures from ancient Greece to modern times. It examines the social, political, legal, cultural and intellectual assumptions that shaped the great trials of the western historical tradition through intensive reading and discussion of both original historical evidence and modern interpretations.

Prereq: Junior standing or prior consent of instructor.

HISTRY 425 HISTORY OF AMERICAN INDIAN LAW AND POLICY 3 u

The purpose of this course is to explain the unique nature of the historic and contemporary federal-Indian relationship. Students completing the course will gain a clearer understanding of the legal process by which American Indians were first subjugated to federal law and policy, and later became active agents by using that same legal system to preserve, protect, and enhance identity and tribal sovereignty in recent years.

Prereq: Jr st

HISTRY 455/655 STUDIES IN SOCIAL AND CULTURAL HISTORY (VARIABLE TOPIC) 3 u

Intensive study of a major theme in social and cultural history emphasizing interdisciplinary approaches to complex historical issues. The particular topic of the course will be published before registration.

Prereq: Jr st or cons instr. Repeatable only with change of topic.

HISTRY 490/690 WORKSHOP 1-6 u

Repeatable. Prereq: Consent of instructor.

HISTRY 491/691 TRAVEL STUDY 1-3 u

Repeatable

HISTRY 492 FIELD STUDY 3-6 u

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 units of history, or cons instr.

HISTRY 493 PUBLIC HISTORY INTERNSHIP 1-6 u

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 units in the history major.

Prereq: HISTRY 200 and HISTRY 202 or consent of instructor.

HISTRY 494 SEMINAR 2 u

Repeatable

HISTRY 497 EXCHANGE STUDY 1-12 u

Repeatable

HISTRY 496/696 SPECIAL STUDIES IN HISTORY 1-3 u

Repeatable two times for a maximum of 6 units in major/degree.

HISTRY 498 INDEPENDENT STUDY 1-3 u

Repeatable two times for a maximum of 3 units in major/degree. Prereq: consent of instructor.

HISTRY 499 SENIOR SEMINAR 3 u

A capstone research and writing seminar. Senior level History majors do extensive archival research and write a perceptive monograph based on their research.

Prereq: Senior standing, History major with at least 24 units of History and completion of HISTRY 200; or by special permission.

INTERNATIONAL AND AREA STUDIES

Phone: 262-472-1093

E-Mail: intrnlstdy@uwm.edu

MAJOR

JAPANESE STUDIES (BA)

MAJOR - 33 UNITS

1. JAPANESE 103 AND JAPANESE 201 AND JAPANESE 202 AND JAPANESE 203
2. JAPANESE 499
3. SELECT 3 UNITS OF EAST ASIAN REGIONAL COURSES FROM THE FOLLOWING:
ASIANSTD/SOCIOLGY 290, ASIANSTD/GEOGRPHY 364, ENGLISH 323, RELIGST 212, RELIGST 303, HISTRY 130, HISTRY 131 OR ASIANSTD/POLISCI 460 AND THE FOLLOWING COURSES FROM UW-OSHKOSH: ART 317, ENGLISH 221 OR ENGLISH 361/561
4. SELECT 9 UNITS OF JAPANESE HISTORY AND CULTURE COURSES FROM THE FOLLOWING:
ASIANSTD/ENGLISH 333, ASIANSTD/POLISCI 480, ASIANSTD/SOCIOLGY 350, HISTRY 386, JAPANESE 301, AND THE FOLLOWING COURSES FROM UW-OSHKOSH: ENVSTDS/ENGLISH 244, HISTORY 375, HISTORY 376, JAPANESE 315, RELSTDS 337, RELSTDS 344, RELSTDS 345, NOTE: UW-WHITEWATER HISTORY 376 AND UW-OSHKOSH HISTORY 386 ARE UNREQUISITES
5. SELECT 4-6 UNITS OF ELECTIVES FROM THE FOLLOWING:
ANY COURSE NOT USED IN #4, ASIANSTD 488, ASIANSTD 491, ASIANSTD 493 AND JAPANESE 497, AND THE FOLLOWING COURSES FROM UW-OSHKOSH: JAPANESE 305, JAPANESE 320, JAPANESE 360 AND JAPANESE 446

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ASIAN STUDIES MINOR

Larry Neuman (Coordinator)

This interdisciplinary minor complements a variety of majors and career objectives. It provides a multidisciplinary perspective on one of the fastest growing and most important regions in the world today. Students have combined this minor with majors or programs in General Business

International Emphasis, Management Computer Systems, Art, Speech, History, Geography and Social Work. Many employers regard a knowledge of Asia and/or an Asian language as highly desirable.

GENERAL ASIA STUDIES TRACK

MINOR - 21 UNITS

1. HUMANITIES (PICK 2 COURSES FROM THE FOLLOWING): ENGLISH 323, HISTORY 130, RELIGST 211
2. SOCIAL SCIENCE (PICK 2 COURSES FROM THE FOLLOWING) GEOGRPY/ASIANSTD 364, GEOGRPY/ASIANSTD 361, POLISCI/ASIANSTD 460, SOCIOLOGY/ASIANSTD 290
3. CAPSTONE (3 UNITS) ASIANSTD 498 OR ASIANSTD 491
4. ELECTIVE COURSES (6 UNITS) ANY COURSES NOT TAKEN IN 1 OR 2 OR 3 OR RELIGST 303, SOCIOLOGY 285, SOCIOLOGY 350, POLISCI/ASIANSTD 472, POLISCI/ASIANSTD 480, HISTORY 385, ASIANSTD 488, ASIANSTD 491 ASIANSTD 493, ASIANSTD 496 ASIANSTD 498 OR ASIANSTD 498R FIELD STUDIES, STUDY ABROAD, ASIAN LANGUAGE

UNIQUE REQUIREMENT

THE EQUIVALENT OF ONE TERM OF STUDY OF AN ASIAN LANGUAGE WITH A GRADE OF C OR HIGHER, OR PASSING A PROFICIENCY TEST INDICATING EQUIVALENT COMPETENCY. NATIVE SPEAKERS OF AN ASIAN LANGUAGE MAY HAVE THIS REQUIREMENT WAIVED.

JAPANESE STUDIES TRACK

This 21-credit track is for students who wish to specialize in Japanese language and culture. It requires acquiring third-year proficiency in Japanese language, courses in Japanese history or culture, and a capstone experience that integrates language and culture. Required for entry: Japanese 101 and 102 or equivalent.

MINOR - 21 UNITS

1. 14 UNITS, LANGUAGE CORE (A GRADE OF C OR HIGHER IS REQUIRED IN EACH COURSE) FORNLANG 103 AND FORNLANG 201 AND FORNLANG 202 AND FORNLANG 203
2. CAPSTONE (1 UNIT) FORNLANG 498 (INDEPENDENT STUDY PAPER)
3. HISTORY AND CULTURE (6 UNITS) FROM THE FOLLOWING: ENGLISH 323; HISTORY 386; POLISCI/ASIANSTD 480, ASIANSTD 488, ASIANSTD/ANTHRO/SOCIOLOGY 350, ASIANSTD 491*, ASIANSTD 493, ASIANSTD 498 OR ASIANSTD 498R

(*MUST INCLUDE TRAVEL IN JAPAN)

COURSES TAKEN ON JAPAN IN A STUDY ABROAD PROGRAM CAN ALSO COUNT IN THE PROGRAM ELECTIVES.

UNIQUE REQUIREMENT:

JAPANESE 101 AND JAPANESE 102

Note: a maximum of 6 units of ASIANSTD 498R and ASIANSTD 498 in total can be counted toward the minor. A maximum of 6 units of ASIANSTD 493 can be counted toward the minor.

MAJOR

Anne Hamilton (Coordinator)

The international studies major is an interdisciplinary program which combines a broad core curriculum with one of four emphases: foreign language and area studies, business, public diplomacy, and international economics. It includes a study abroad requirement and internship opportunities. Students have the opportunity to personalize their course

of study. A minor is not required.

INTERNATIONAL STUDIES BUSINESS EMPHASIS (BA/BS)

MAJOR - 54 UNITS 2.25 GPA

1. ANTHROPL218 OR HISTORY 326 OR RELIGST 211 OR RELIGST 212
2. GEOGRPY 230 OR SOCIOLOGY 385
3. POLISCI 351, INTRNAR 488 AND COMM 424
4. ECON 401 OR ECON 359
5. 3 UNITS OF TRAVEL STUDY COURSES OR STUDY ABROAD COURSES (Personalization required)
6. SELECT ONE OF THE EXISTING BUSINESS MINORS IN CONSULTATION WITH ADVISOR. (Personalization required)
7. SELECT 9-12 ELECTIVES, FROM LIST OF COURSES APPROVED FOR INTERNATIONAL STUDIES MAJOR. (Personalization required)

UNIQUE REQUIREMENT:

A minimum of 16 units of the same foreign language or equivalent certified by our foreign language faculty in the Department of Languages & Literatures.

INTERNATIONAL STUDIES MAJOR (BA/BS) FOREIGN LANGUAGE AND AREA STUDIES EMPHASIS

MAJOR - 55 UNITS 2.25 GPA

1. INTRNAR 101
2. ANTHROPL218 OR HISTORY 326 OR RELIGST 211 OR RELIGST 212
3. GEOGRPY 230 OR SOCIOLOGY 385
4. POLISCI 351, INTRNAR 488 AND COMM 424
5. ECON 401 OR ECON 359 OR ECON 431
6. 3 UNITS OF TRAVEL STUDY COURSES OR STUDY ABROAD COURSES (PERSONALIZATION REQUIRED)
7. SELECT 15 UNITS FROM ONE OF THE AREAS: AFRICA, ASIA, EUROPE, LATIN AMERICA, WITH NO MORE THAN 9 UNITS FROM ANY ONE DISCIPLINE. (Personalization required)
8. SIX UNITS OF ANY FOREIGN LANGUAGE IN ADDITION TO THE 16 UNITS IN THE UNIQUE REQUIREMENT (Personalization required)
9. IN CONSULTATION WITH AN ADVISOR, SELECT 12 ADDITIONAL UNITS FROM THE LIST OF COURSES APPROVED FOR THE INTERNATIONAL STUDIES MAJOR (Personalization required)

UNIQUE REQUIREMENT:

A minimum of 16 units of the same foreign language or equivalent certified by our foreign language faculty in the Department of Languages & Literatures.

Writing Requirement: Topics in International Studies (INTRNAR 488) includes a significant writing component which will fulfill the writing requirement. No minor required.

INTERNATIONAL STUDIES MAJOR (BA/BS) PUBLIC DIPLOMACY EMPHASIS

MAJOR 55 UNITS 2.25 GPA

1. INTRNAR 101
2. ANTHROPL218 OR HISTORY 326 OR RELIGST 211 OR RELIGST 212
3. GEOGRPY 230 OR SOCIOLOGY 385
4. POLISCI 351, INTRNAR 488 AND COMM 424
5. ECON 401 OR ECON 359

6. 3 UNITS OF TRAVEL STUDY COURSES OR STUDY ABROAD COURSES (Personalization required)
7. COMM 202 AND COMM 203
8. SELECT 6-9 UNITS FROM FOLLOWING COURSES: COMM 204, COMM 240, COMM 302, COMM 327, COMM 328, COMM 345, COMM 422, COMM 431, JOURNLSM 430, JOURNLSM 431
9. SELECT 9-12 UNITS FROM FOLLOWING COURSES: GEOGRPY 332, HISTRY 322, POLISCI 348, POLISCI 350, POLISCI 457, POLISCI 463
10. IN CONSULTATION WITH AN ADVISOR, SELECT 12 ADDITIONAL UNITS FROM THE LIST OF COURSES APPROVED FOR INTERNATIONAL STUDIES MAJOR (Personalization required)

UNIQUE REQUIREMENTS

A minimum of 16 units of the same foreign language or equivalent certified by our foreign language faculty in the Department of Languages & Literatures.

Writing Requirement: Topics in International Studies (INTRNAR 488) includes a significant writing component which will fulfill the writing requirement. No minor required.

**INTERNATIONAL STUDIES MAJOR (BA/BS)
INTERNATIONAL ECONOMICS EMPHASIS**

MAJOR - 55 UNITS 2.25 GPA

1. INTRNAR 101
2. ANTHROPL 218 OR HISTRY 326 OR RELIGST 211 OR RELIGST 212
3. GEOGRPY 230 OR SOCIOLOGY 385
4. POLISCI 351, INTRNAR 488 AND COMM 424
5. ECON 406 OR ECON 431
6. 3 UNITS OF TRAVEL STUDY COURSES OR STUDY ABROAD COURSES (Personalization required)
7. ECON 201 AND ECON 202
8. SELECT 12 UNITS FROM THE FOLLOWING: ECON 359, ECON 360, ECON 404, ECON 406, ECON 431, 3-9 CREDITS OF OTHER ECONOMICS COURSES (ECON 245 RECOMMENDED)
9. 9-12 CREDITS FROM THE LIST OF APPROVED COURSES OR THE INTERNATIONAL STUDIES MAJOR

UNIQUE REQUIREMENTS

A minimum of 16 units of the same foreign language or equivalent certified by our foreign language faculty in the Department of Languages & Literatures.

Writing Requirement: Topics in International Studies (INTRNAR 488) includes a significant writing component which will fulfill the writing requirement. No minor required.

APPROVED COURSE LIST

AFRICA:

AFRIAMR 496	Black Political and Social Thought
ARABIC 141	Beginning Arabic I
ARABIC 142	Beginning Arabic II
ARABIC 251	Intermediate Arabic I
ARABIC 252	Intermediate Arabic II
ENGLISH 324	Post-Colonial Literatures
HISTRY 135	Introduction to Islamic Civilizations
HISTRY 150	Atlantic History
HISTRY 337	Modernization in the Middle East
HISTRY 338	Arab-Israeli Conflict 1900-present

HISTRY 340
POLISCI 340
POLISCI 461
POLISCI 471/671
RELIGST 304

ASIA:

ARABIC 141
ARABIC 142
ARABIC 152
ARABIC 252
ASIANSTD 488
CHINESE 141
CHINESE 142
CHINESE 251
CHINESE 252
ENGLISH 323
ENGLISH 333
GEOGRPY 361
GEOGRPY 364
GEOGRPY 368
HISTRY 130
HISTRY 131
HISTRY 372
HISTRY 385
HISTRY 386
HISTRY 394
JAPANESE 101
JAPANESE 102
JAPANESE 103
JAPANESE 201
JAPANESE 202
JAPANESE 301
POLISCI 460
POLISCI 472
POLISCI 480
RELIGST 211
RELIGST 303
RELIGST 304
RUSSIAN 141
RUSSIAN 142
SOCIOLOGY 280
SOCIOLOGY 290
SOCIOLOGY 350

EUROPE:

ARTHIST 201
ARTHIST 202
ARTHIST 305
ARTHIST 316
ARTHIST 318
ARTHIST 319
ECON 404
ENGLISH 206
ENGLISH 216
ENGLISH 347
ENGLISH 360
FRENCH 310
FRENCH 321
FRENCH 322
FRENCH 331
FRENCH 332
FRENCH 340
FRENCH 350
FRENCH 370
FRENCH 390
FRENCH 451
FRENCH 452
FRENCH 481

Introduction to African History
Politics of Development
Governments and Politics of Africa
Government and Politics in the Middle East
Contemporary Islamic Thought & Practice

Beginning Arabic I
Beginning Arabic II
Intermediate Arabic I
Intermediate Arabic II
Topics in Japanese Studies
Beginning Chinese
Beginning Chinese II
Chinese III
Chinese IV
Asian Literatures
Japanese Literature
Geography of South and Southeast Asia
Geography of East Asia
Geography of Russia and the Newly Independent States
The East Asian Tradition
East Asia Since 1800
History of Russia Since 1815
Modern China
Modern Japan
The US at War in Vietnam
Beginning Japanese I
Beginning Japanese II
Beginning Japanese III
Intermediate Japanese II
Intermediate Japanese III
Japanese Contemporary Issues through the Media
Government and Politics of Asia
Government and Politics of China
Government and Politics of Japan
Introduction to Eastern Religions
Eastern Religious Thought
Contemporary Islamic Thought & Practice
Beginning Russian I
Beginning Russian II
Intro. to Australian Studies
Sociology of Pacific Asia
Contemporary Japanese Society

Survey of Western Art - Ancient to Medieval
Survey of Western Art - Renaissance to the Present
History of Women in Art
History of Nineteenth Century Art
Modern Art
Contemporary Art
History of Economic Thought
British Literature Survey I
British Literature Survey II
British Modernism
Postwar British Literature (1945-present)
French Phonetics
Advanced French Language Study
Advanced French Language Study
Readings in Modern French
Readings in Modern French
Contemporary French Civilization
French Civilization
Introduction to Business French
French Conversation
Survey of French Literature
Survey of French Literature (18th Century to Present)
French Classics

FRENCH 482	Contemporary French Literature	BEINDP 200	Introduction to International Business
GERMAN 310	German Phonetics	ECON 360	Growth and Development in the World Economy
GERMAN 321	Advanced German Language Study	ECON 404	History of Economic Thought
GERMAN 322	Advanced German Language Study	ECON 406	International Finance and Banking
GERMAN 331	Reading in Modern German Literature	ECON 431	Economics of Globalization
GERMAN 332	Reading in Modern German Literature	ECON 438	Urban Economics
GERMAN 350	German Civilization	ECON 471	Natural Resources and Environmental Economics
GERMAN 390	German Conversation	GEOGRPY 252	Human Environmental Problems
GERMAN 451	Survey of German Literature	GEOGRPY 332	Political Geography
GERMAN 452	Survey of German Literature (18th Century to Present)	GEOGRPY 340	Economic Geography
GEOGRPY 362	Geography of Europe	GEOGRPY 344	Urban Geography
GEOGRPY 368	Geography of Russia and the Newly Independent States	GEOGRPY 346	Globalization and the City
HISTORY 351	Rebellion and Revolution in England	GEOGRPY 452	Cultural Ecology and Sustainable Development
HISTORY 352	England and the British Empire	GEOLOGY 301	Environmental Geology
HISTORY 372	History of Russia Since 1815	HISTORY 110	History through Film (International Topics)
HISTORY 375	The Age of European Revolutions 1789-1848	HISTORY 322	US Foreign Policy and Empire, 1790-Recent Past
HISTORY 376	Rise and Fall of French Overseas Empire	HISTORY 326	History of Contemporary Women (from 1800)
HISTORY 377	History of 20th Century Central Europe	HISTORY 367	History of Capitalism in the West
HISTORY 460	History of Twentieth Century Europe	HISTORY 390	American Military History
POLISCI 352	Comparative Government - Europe	HISTORY 394	The US at War in Vietnam
RELIGST 212	Introduction to Western Religions	HISTORY 422	Great Trials (International Topics)
RELIGST 388/ SOCIOLOGY 388	The Holocaust: Nazi Germany & the Genocide of Jews	MANGEMNT 410	International Management
RUSSIAN 141	Beginning Russian I	MARKETING 361	International Marketing
RUSSIAN 142	Beginning Russian II	PAX 200	Introduction to Peace and Social Justice
SPANISH 310	Spanish Phonetics	PAX 488	Special Topics in Peace and Social Justice (International Topics)
SPANISH 320	Spanish for Spanish Speakers	PHILSPHY 342	Modern Philosophy
SPANISH 321	Advanced Spanish Language Study	POLISCI 247	Issues and Crises in American Politics (International Topics)
SPANISH 322	Advanced Spanish Language Study	POLISCI 255	Intro to Comparative Government
SPANISH 331	Peninsular Spanish Readings I	POLISCI 265	Politics of Terrorism and Counterterrorism
SPANISH 332	Peninsular Spanish Readings II	POLISCI 340	Politics of Development
SPANISH 350	Spanish Civilization	POLISCI 348	International Organizations
SPANISH 370	Spanish for Business	POLISCI 350	International Law
SPANISH 390	Spanish Conversation	POLISCI 356	Political Sociology
SPANISH 451	Survey of Spanish Literature	POLISCI 411	Modern Political Thought
SPANISH 452	Survey of Spanish Literature	POLISCI 412	Contemporary Political Thought
SPANISH 481	Spanish Classics	POLISCI 457	American Foreign Policy
SPANISH 484	Women Writers of Spain & the Americas	POLISCI 462	Social Welfare Policy
		POLISCI 463	Peace Studies: Conflict Resolution
		POLISCI 464	Women in International Relations
		RELIGST 330	Women and Religion
LATIN AMERICA:		SOCIOLOGY 319	Introduction to Environmental Sociology
ANTHROPL 310	Women and the Shaping of Latin America	SOCIOLOGY 353	Sociology of Religion
ANTHROPL 365	Pre-Columbian Civilization	SOCIOLOGY 356	Political Sociology
GEOGRPY 363	Geography of South America	SOCIOLOGY 362	Population Dynamics
GEOGRPY 365	Geography of Middle America	SOCIOLOGY 373	Sociology of Terrorism
HISTORY 150	Atlantic History	SOCIOLOGY 385	Sociology of Globalization
HISTORY 342	Conquest and Colonialism in Latin America	SOCIOLOGY 391	Race and Ethnicity in Comparative Perspective
HISTORY 343	Modern Latin American History 1860 to Present		
HISTORY 346	History of Mexico		
HISTORY 347	Revolutionary Change in Latin America		
INTRNAR 260	Introduction to Latin America		
MUSC 241	Survey of Latin American Music		
POLISCI 456	Government and Politics of Latin America		
RELIGST 212	Introduction to Western Religions		
SPANISH 310	Spanish Phonetics		
SPANISH 320	Spanish for Spanish Speakers		
SPANISH 321	Advanced Spanish Language Study		
SPANISH 322	Advanced Spanish Language Study		
SPANISH 333	Spanish American Readings I		
SPANISH 334	Spanish American Readings II		
SPANISH 360	Spanish American Civilization		
SPANISH 483	Contemporary Spanish American Narrative		
SPANISH 484	Women Writers of Spain & the Americas		

OTHER APPROVED COURSES:

ANTHROPL 320	Heritage and Cultural Resource Management
ANTHROPL 334	Women in and Men in Cross-Cultural Perspective
ARTHIST 316	History of Nineteenth Century Art
ARTHIST 318	Modern Art
ARTHIST 319	Contemporary Art

INTERNATIONAL STUDIES MINOR

Anne Hamilton (Coordinator)

The International Studies minor is designed to combine a foundation in key international studies courses with a concentration in one geographic area of the student's choice. There is no specific foreign language requirement, but students are encouraged to take foreign language courses. The minor complements many majors and is especially valuable for majors in economics, business, history, foreign language, geography, political science and sociology. Specific regional emphasis courses should be selected in consultation with the International Studies Program coordinator to provide both breadth and depth of study in a region.

MINOR - 21 UNITS

1. COMM 424
2. POLISCI 351
3. INTRNAR 488
4. SELECT 6 300 - 400 LEVEL UNITS FROM ONE OF THE REGIONAL LISTS UNDER THE LIST OF APPROVED COURSES FOR THE INTERNATIONAL STUDIES MAJOR (ASIA, EUROPE, LATIN AMERICA, MIDDLE EAST AND

AFRICA)

5. SELECT 6 ADDITIONAL ELECTIVE UNITS FROM THE LIST OF APPROVED COURSES FOR THE INTERNATIONAL STUDIES MAJOR FROM THE SAME REGION SELECTED FOR 4.ABOVE.

LATIN AMERICAN STUDIES MINOR

Seth Meisel (Coordinator)

The Latin American Studies minor is designed for those who seek to supplement their regular field of study with a multi-disciplinary specialization on Latin America. The program is organized to give students a broad introduction to Latin American history, society and culture drawing on selected courses from Spanish, history, anthropology, geography, economics, Chicano studies, and music. While competency in Spanish is highly recommended, it is not required of minors.

MINOR - 24 UNITS

- INTRNAR 260
- HISTORY 342 OR ANTHROPL 365
- POLISCI 456 OR HISTORY 343 OR ANTHROPL 310 OR GEOGRPY 365
- SPANISH 333 OR SPANISH 334 OR SPANISH 483 OR SPANISH 484 OR MUSC 241 OR ENGLISH/RACEETH 202
- 3 CREDITS OF APPROVED STUDY ABROAD, TRAVEL STUDY, OR U.S. LATINO RELATED INTERNSHIP
- SELECT 9 CREDITS FROM COURSES LISTED BELOW AND FROM COURSES NOT USED IN REQUIREMENTS: HISTORY 150, HISTORY 346, HISTORY 347, WOMENST/ANTHROPOL 334, SOCIOLOGY 391

UNIQUE REQUIREMENT:

SPANISH 141, 142, 251 AND 252 (OR WAIVERS) OR EQUIVALENT PROFICIENCY

COURSE DESCRIPTIONS

ASIANSTD 210 INTRODUCTION TO ASIAN STUDIES *GI* 3 u

The course introduces students to the multi-disciplinary field of Asian Studies and provides a foundation for the further study of Asia. It surveys social, economic, and political issues and religious-philosophical influences and literary-artistic traditions of the world region. The issues discussed and range of countries examined may vary by semester.

Prereq: GENED 120 or GENED 130 or GENED 140

ASIANSTD 333 JAPANESE LITERATURE 3 u

This course surveys Japanese Literature, providing study of classical literature and how this past is reconsidered by modern writers. Group projects will include study of key issues in Japanese cultural history, such as folktales, garden, tea and verse aesthetics, court, samurai and merchant culture, and international contact and war.

Prereq: ENGLISH 102 or ENGLISH 162 or ENGLISH 105

ASIANSTD 350/550 CONTEMPORARY JAPANESE SOCIETY 3 u

This course examines contemporary Japanese society. It includes a study of social institutions, processes, and culture of Japan. The course examines following areas, (a) culture (beliefs, customs, social identity); (b) social institutions (family, religion, education, work, media); (c) societal processes (socialization, deviance, urbanization); (d) inequalities (gender, income, race-ethnic, region), and (e) the politics, economy, and international position of Japan.

Coreq: Concurrent or prior completion of a course on East Asia or an East Asian language, or consent of instructor

ASIANSTD 361 GEOGRAPHY OF SOUTH AND SOUTHEAST ASIA GS 3 u

A study of contemporary and historical interrelationships between the natural environment and the economic, political and cultural activities in South and Southeast Asia. Countries studied include: Pakistan, Bangladesh, Sri Lanka, Burma, Thailand, Vietnam, Laos, Cambodia, Indonesia, and the Philippines. Unreq: GEOGRPY 361

Prereq: GENED 140 or GEOGRPY 230 or consent of instructor

ASIANSTD 364 GEOGRAPHY OF EAST ASIA GS 3 u

A study of contemporary and historical interrelationships between the natural environment and economic, political and cultural activities in East Asia. Countries studied include: China, Taiwan, Mongolia, Japan, and North and South Korea. Unreq: GEOGRPY 364

Prereq: GENED 140 or GEOGRAPHY 230 or Junior standing or consent of instructor

ASIANSTD 460 GOVERNMENT AND POLITICS OF ASIA 3 u

A comparative study of the political structures, institutions, and processes of the nations of Asia. Unreq: POLISCI 460

Prereq: 3 units of Political Science

ASIANSTD 472 GOVERNMENT AND POLITICS OF CHINA 3 u

This course exposes students to the breadth of Chinese government and politics. It briefly overviews the traditional Chinese system, its breakdown, and the rise of communism. It also overviews a more detailed treatment of the characteristics and major events of the communist era. Unreq: POLISCI 472

Prereq: 3 units of Political Science

ASIANSTD 480 GOVERNMENT AND POLITICS OF JAPAN 3 u

This course will present a historic and thematic overview of political development in contemporary Japan. It consists of analysis of Japanese postwar politics, government decision-making structures and processes, foreign affairs and political economy.

Prereq: Three units of political science Unreq: POLISCI 480

ASIANSTD 488 TOPICS IN JAPANESE STUDIES 3 u

An intensive study of selected topics in Japanese Studies. Subject matter will vary depending on the department and faculty member responsible for this course. Repeatable for a maximum of 6 units in major/degree (for different topics only).

Prereq: Junior standing and consent of instructor

ASIANSTD 491 TRAVEL STUDY *Repeatable* 1-3 uASIANSTD 493 INTERNSHIP IN JAPANESE CULTURE *Repeatable* 3-12 u

To understand Japanese culture, students participate in an approved, supervised work experience in Japan for one month or more, or in an approved Japanese-intensive work setting in the U.S. over two months. Cultural awareness training is required prior to the internship, and both written and oral reports are required afterward.

ASIANSTD 494 SEMINAR *Repeatable* 1-3 u

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

ASIANSTD 496 SPECIAL STUDIES *Repeatable* 1-3 uASIANSTD 497 EXCHANGE STUDY *Repeatable* 1-18 uASIANSTD 498 INDEPENDENT STUDY *Repeatable* 1-3 uASIANSTD 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH *Repeatable* 1-3 u

Study of a selected topic or topics under the direction of a faculty member. Repeatable.

INTRNAR 101 ORIENTATION TO INTERNATIONAL STUDIES MAJOR 3 u

Orientation to the International Studies Major helps students make informed choices about their emphasis in the major and international travel opportunities. It introduces them to the career options available to majors upon graduation. Students will have the opportunity to hear about the experiences of graduating majors, program alumni, and faculty.

INTRNAR 260 INTRODUCTION TO LATIN AMERICAN STUDIES GI 3 u

This course offers a broad interdisciplinary tour of contemporary Latin America drawing ideas on material from history, art, anthropology, political science and literature. The three main themes of the course are the historical roots of Latin America's cultural identities, the importance of modern social movements in confronting persistent inequalities, and the way immigration has shaped the region.

INTRNAR 348 INTERNATIONAL ORGANIZATIONS 3 u

The course will explore theoretical perspectives as well as the expanding roles of international organizations in the context of global politics. Since the end of the Cold War, the United Nations and other regional organizations have played an enhanced role in global governance. It will, therefore, provide an overview of the United Nations system, a number of regional organizations and their contributions to the maintenance of international peace and security.

Prereq: Three Credits in Political Science Unreq: POLISCI 348

INTRNAR 488 TOPICS IN INTERNATIONAL STUDIES 3 u

An intensive study of selected topics in International Studies. Subject matter will vary depending on the department and faculty member responsible for the course. Repeatable for a maximum of 6 units in major/degree (for different topics only).

Prereq: Consent of instructor.

INTRNAR 491 TRAVEL STUDY *Repeatable* 1-3 u**INTRNAR 494 SEMINAR 1-3 u**

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 units in major/degree. Prereq: Consent of instructor.

INTRNAR 496 SPECIAL STUDIES *Repeatable* 1-3 u**INTRNAR 497 EXCHANGE STUDY *Repeatable* 1-12 u****INTRNAR 498 INDEPENDENT STUDY 1-3 u**

Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Prereq: Consent of instructor and program director.

DEPARTMENT OF LANGUAGES AND LITERATURES

Phone: 262-472-1036

E-Mail: english@umw.edu

ENGLISH

Faculty: Marilyn Annucci, Ellen Boldt, Karen Buckley, John Carlberg, Nayla Chegade, DeWitt Clinton, Jerre Collins, Gay Davidson-Zielske, Alicia de Gregorio, Marilyn Durham, Mary Ann Emery, Edward Erdmann, Deborah Fratz, Hala Ghoneim, Jian Guo, Peter Hoff, Joseph Hogan (Chairperson), Rebecca Hogan, Susan Huss-Lederman, Jonathan Ivry, Tanya Kam, Kasumi Kato, Elizabeth Kim, Matthew Lange, Regis Lecoanet, Mark Lencho, Anne Lessick-Xiao, Elena Levy-Navarro, Michael Longrie, Beth Lueck, John McGuigan, Pilar Melero, Evie Miller, Jim Miller, Geneva Moore, Patrick Moran, Andrea Musher, Kathleen Newport, Richard Oehling, Manuel

Ossers, Olesya Ostapenko, Jodie Parys, Mary Pinkerton, Jodi Piwoni, Majorie Rhine, Dale Ritterbusch, George Savage, Joan Schwarz, Julie Smith, Jennifer Thomson, Janine Tobeck, Alison Townsend, Sheila Turek, Maria White, Trudi Witonsky, Yilin Zhang, Mark Zunac.

The term "English" encompasses several related areas including the study of the English language, the practical skills of using it, and the literature created from it. The department offers courses in basic and advanced language skills, including technical and creative writing; for students with special needs, reading and writing laboratories and developmental courses are available. Literature courses offer instruction in the understanding and analysis of "classic", popular, and contemporary works, including Continental and Asian, and their historical and cultural contexts. A student majoring or minoring in English may opt for the traditional liberal arts program, an education program, a writing emphasis or a professional writing and book publishing emphasis. By developing the practical ability to think clearly, to read intelligently, and to write effectively, a major in English provides excellent preparation for business, teaching, government and professions such as law and medicine. In addition, we offer minors in English as a Second Language for those who plan to work with non-native speakers.

In preparation for graduate study in English, students should consult the requirements of the graduate school which they plan to attend. Those anticipating graduate study should plan to study a foreign language at the undergraduate level since that is often a graduate requirement.

For information on English placement testing, see index.

MAJORS/EMPHASES

ENGLISH 101, 102, 105, 161, and 162 do not count toward an English major or minor; however, 102 or 162, or 105 is a prerequisite for all upper division English courses.

A student majoring in English may select from areas: Literature, Writing, Professional Writing and Book Publishing, Education or Writing Education.

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 UNITS

1. ENGLISH 206 OR ENGLISH 216
2. ENGLISH 226 OR ENGLISH 236
3. ENGLISH 271
4. ENGLISH 251 OR ENGLISH 252
5. ENGLISH 281, ENGLISH 378, OR ENGLISH 379
6. ENGLISH 401, ENGLISH 402, ENGLISH 412 OR ENGLISH 414
7. ENGLISH 416, ENGLISH 420, ENGLISH 341 OR ENGLISH 342
8. ENGLISH 347, ENGLISH 348, ENGLISH 360 OR ENGLISH 363
9. ENGLISH 345, ENGLISH 368, ENGLISH 369, ENGLISH 463 OR ENGLISH 464
10. ENGLISH 321, ENGLISH 322, ENGLISH 323 OR ENGLISH 324
11. ENGLISH 300, ENGLISH 404, ENGLISH 405 OR ENGLISH 460
12. ENGLISH 483

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ENGLISH WRITING EMPHASIS (BA/BS)

MAJOR - 36 UNITS

1. ENGLISH 271 AND ENGLISH 274
2. ENGLISH 281, ENGLISH 378 AND ENGLISH 488

3. SELECT 6 UNITS FROM COURSES
ENGLISH 372, ENGLISH 373, ENGLISH 375, ENGLISH
376, ENGLISH 377, ENGLISH 379, ENGLISH 383
4. SELECT 6 UNITS FROM COURSES
ENGLISH 477, ENGLISH 478, ENGLISH 479, ENGLISH
490, ENGLISH 493
5. SELECT 9 ELECTIVE UNITS FROM ENGLISH
LITERATURE (COURSE LEVEL 200, 300 OR 400)

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 271

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

**PROFESSIONAL WRITING AND BOOK PUBLISHING
(BA/BS)**

MAJOR - 36 UNITS

1. ENGLISH 230, ENGLISH 281, ENGLISH 330, ENGLISH 372,
ENGLISH 378, ENGLISH 430
2. SELECT 6 UNITS FROM ENGLISH LITERATURE COURSES
200 LEVEL OR ABOVE
3. SELECT 3 UNITS FROM AND ENGLISH LITERATURE
COURSE 300 LEVEL OR ABOVE
4. SELECT 6 UNITS FROM ENGLISH 274, ENGLISH 332, ENG-
LISH 373, ENGLISH 375, ENGLISH 376, ENGLISH 377,
ENGLISH 379, ENGLISH 436, ENGLISH 477, ENGLISH
478, ENGLISH 479, ENGLISH 488, ENGLISH 490, ENGLISH
493, ARTSTDIO 222, ARTSTDIO 287, MARKETNG 311
5. SELECT 3 ELECTIVE UNITS FROM AN ENGLISH COURSE
200 LEVEL OR ABOVE

UNIQUE REQUIREMENTS

3 UNITS FROM ARTSTDIO 180 OR ARTSTDIO 102

ENGLISH (BSE)

LICENSURE - 38 UNITS

1. SECNDED 426, SECNDED 466
2. FOUNDATIONS BLOCK: EDFOUND 243, EDFOUND 212,
AND EDFNDPRC 210
- 3A. ALTERNATE-LEVEL STUDENT TEACHING: CIFLD 402 OR
CIFLD 404
- 3B. STUDENT TEACHING: SELECT 2 UNITS FROM CIFLD 402
AND 12 UNITS FROM CIFLD 412 OR CIFLD 414
4. EDFOUND 425
5. FIELD STUDY: SELECT 3 UNITS FROM CIFLD 492
6. SPECED 205

MAJOR - 36 UNITS

1. ENGLISH 271, ENGLISH 281, ENGLISH 310, ENGLISH 471
2. ENGLISH 404 OR ENGLISH 405
3. ENGLISH 206 OR ENGLISH 401 OR ENGLISH 402 OR
ENGLISH 412 OR ENGLISH 414
4. ENGLISH 216 OR ENGLISH 226 OR ENGLISH 315 OR
ENGLISH 341 OR ENGLISH 342 OR ENGLISH 416 OR
ENGLISH 420 OR ENGLISH 463
5. ENGLISH 236 OR ENGLISH 346 OR ENGLISH 347 OR
ENGLISH 348 OR ENGLISH 353 OR ENGLISH 360 OR
ENGLISH 363 OR ENGLISH 464
6. ENGLISH 265 OR ENGLISH 345 OR ENGLISH 368 OR
ENGLISH 369
7. ENGLISH 381 OR ENGLISH 382 OR ENGLISH 383 OR
ENGLISH 385
8. ENGLISH 483

9. SELECT 3 ELECTIVE UNITS FROM ENGLISH
(COURSE LEVEL 200 OR ABOVE)

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

ENGLISH WRITING EDUCATION EMPHASIS (BSE)

LICENSURE - 38 UNITS

1. SECNDED 426 AND SECNDED 466
2. FOUNDATIONS BLOCK: EDFOUND 243, EDFOUND 212
AND EDFNDPRC 210
- 3A. ALTERNATE-LEVEL STUDENT TEACHING: CIFLD 402 OR
CIFLD 404
- 3B. STUDENT TEACHING: SELECT 12 UNITS FROM CIFLD 412
OR CIFLD 414
4. EDFOUND 425
5. FIELD STUDY: SELECT 3 UNITS FROM CIFLD 492
6. SPECED 205

MAJOR - 36 UNITS

1. ENGLISH 271, ENGLISH 281, ENGLISH 310, ENGLISH 404
OR ENGLISH 405, AND ENGLISH 471
2. ENGLISH 206 OR ENGLISH 251 OR ENGLISH 252 OR ENGLISH
401 OR ENGLISH 402 OR ENGLISH 412 OR ENGLISH 414
3. ENGLISH 216 OR ENGLISH 226 OR ENGLISH 315 OR ENG-
LISH 341 OR ENGLISH 342 OR ENGLISH 416 OR ENGLISH
420 OR ENGLISH 463
4. ENGLISH 236 OR ENGLISH 265 OR ENGLISH 345 OR ENG-
LISH 346 OR ENGLISH 347 OR ENGLISH 348 OR ENGLISH
353 OR ENGLISH 360 OR ENGLISH 363 OR ENGLISH 368
OR ENGLISH 369 OR ENGLISH 464
5. ENGLISH 381 OR ENGLISH 382 OR ENGLISH 383 OR ENG-
LISH 385
6. SELECT 9 UNITS FROM COURSES
ENGLISH 274, ENGLISH 370, ENGLISH 372, ENGLISH
378, ENGLISH 379, ENGLISH 477 OR ENGLISH 478

WRITING PROFICIENCY- 3 UNITS

1. ENGLISH 271

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINORS/EMPHASES

ENGLISH

MINOR - 24 UNITS

1. ENGLISH 271, ENGLISH 281 OR ENGLISH 378 OR ENGLISH 379
2. ENGLISH 206 OR ENGLISH 401 OR ENGLISH 402 OR ENG-
LISH 412 OR ENGLISH 414
3. ENGLISH 216 OR ENGLISH 226 OR ENGLISH 315 OR ENGLISH
341 OR ENGLISH 342 OR ENGLISH 416 OR ENGLISH 420
4. ENGLISH 236 OR ENGLISH 346 OR ENGLISH 347 OR ENGLISH
348 OR ENGLISH 353 OR ENGLISH 360 OR ENGLISH 363
5. ENGLISH 345 OR ENGLISH 368 OR ENGLISH 369 OR ENG-
LISH 463 OR ENGLISH 464
6. ENGLISH 321 OR ENGLISH 322 OR ENGLISH 323 OR ENG-
LISH 324
7. SELECT 3 UNITS FROM LITERATURE COURSE 200 OR
ABOVE

ENGLISH EDUCATION EMPHASIS*

MINOR - 24 UNITS

1. ENGLISH 271, ENGLISH 281, ENGLISH 404 OR ENGLISH
405, AND ENGLISH 471

2. ENGLISH 206 OR ENGLISH 401 OR ENGLISH 402 OR ENGLISH 412 OR ENGLISH 414
3. ENGLISH 216 OR ENGLISH 226 OR ENGLISH 315 OR ENGLISH 341 OR ENGLISH 342 OR ENGLISH 416 OR ENGLISH 420 OR ENGLISH 463
4. ENGLISH 236 OR ENGLISH 265 OR ENGLISH 345 OR ENGLISH 346 OR ENGLISH 347 OR ENGLISH 348 OR ENGLISH 353 OR ENGLISH 360 OR ENGLISH 363 OR ENGLISH 368 OR ENGLISH 369 OR ENGLISH 464
5. ENGLISH 310 OR ENGLISH 381 OR ENGLISH 382 OR ENGLISH 383 OR ENGLISH 385

ENGLISH WRITING EMPHASIS

MINOR - 24 UNITS

1. SELECT 6 UNITS FROM COURSES
ENGLISH 271, ENGLISH 274, ENGLISH 281 AND ENGLISH 378
2. SELECT 6 UNITS FROM COURSES
ENGLISH 372, ENGLISH 373, ENGLISH 375, ENGLISH 376, ENGLISH 383, ENGLISH 377, ENGLISH 379
3. SELECT 3 UNITS FROM COURSES
ENGLISH 477, ENGLISH 478 AND ENGLISH 490
4. SELECT 3 ELECTIVE UNITS FROM ENGLISH LANGUAGE OR WRITING (COURSE LEVEL 200, 300 OR 400)
5. SELECT 6 ELECTIVE UNITS FROM ENGLISH LITERATURE (COURSE LEVEL 200, 300 OR 400)

ENGLISH WRITING EDUCATION EMPHASIS*

MINOR - 24 UNITS

1. ENGLISH 271, ENGLISH 281 AND ENGLISH 471
2. SELECT 6 UNITS FROM COURSES:
ENGLISH 274 OR ENGLISH 370 OR ENGLISH 372 OR ENGLISH 378 OR ENGLISH 379, OR ENGLISH 477 OR ENGLISH 478
3. SELECT 3 UNITS FROM COURSES:
ENGLISH 206 OR ENGLISH 401 OR ENGLISH 402 OR ENGLISH 412 OR ENGLISH 414
4. SELECT 3 UNITS FROM COURSES:
ENGLISH 216 OR ENGLISH 226 OR ENGLISH 315 OR ENGLISH 341 OR ENGLISH 342 OR ENGLISH 416 OR ENGLISH 420 OR ENGLISH 463
5. SELECT 3 UNITS FROM COURSES:
ENGLISH 236 OR ENGLISH 265 OR ENGLISH 345 OR ENGLISH 346 OR ENGLISH 347 OR ENGLISH 348 OR ENGLISH 353 OR ENGLISH 360 OR ENGLISH 363 OR ENGLISH 368 OR ENGLISH 369 OR ENGLISH 464

* NOTE: If licensure for Grades 1-9 is desired, C & I SECNDED 426 Methods of Teaching English and Language Arts and course CIFLD 210 Observation and Participation-Secondary must be taken.

PROFESSIONAL WRITING AND BOOK PUBLISHING

MINOR - 24 UNITS

1. ENGLISH 230, ENGLISH 372, ENGLISH 378
2. SELECT FROM ENGLISH 330 AND ENGLISH 430, OR ENGLISH 436 AND 3 UNITS FROM AN ENGLISH WRITING COURSE 300 LEVEL OR ABOVE (FROM THE ENGLISH SELECTIONS IN SECTION 5 BELOW)
3. 3 UNITS FROM AN ENGLISH LITERATURE COURSE 200 LEVEL OR ABOVE
4. 3 UNITS FROM AN ENGLISH LITERATURE COURSE 300 LEVEL OR ABOVE

5. 3 UNITS FROM ENGLISH 274, ENGLISH 330, ENGLISH 332, ENGLISH 373, ENGLISH 375, ENGLISH 376, ENGLISH 377, ENGLISH 379, ENGLISH 430, ENGLISH 436, ENGLISH 477, ENGLISH 478, ENGLISH 479, ENGLISH 488, ENGLISH 490, ENGLISH 493, ARTSTDIO 222, ARTSTDIO 287, MARKETNG 311

TEACHING ENGLISH AS A SECOND LANGUAGE/ BILINGUAL-BICULTURAL

MINOR 24 UNITS (LICENSURE)

1. CIGENRL 350/550, ESL 350/550
2. ESL 310/510, CIGENRL 310/510
3. CIGENRL 354/554, ESL 354/554
4. ESL 320/520, CIGENRL 320/520
5. ESL 330/530, CIGENRL 330/550
6. ESL 403/603, CIGENRL 403/603
7. CIGENRL 405/605, ESL 405/605
8. CIFLD 492/692

UNIQUE REQUIREMENT: CORE LICENSE

Those pursuing the ESL license must take language study to the 251 level or above or the equivalent in language experience to be determined in consultation with the program coordinator.

ESL/BE LICENSE:

1. Those pursuing the ESL/BE license must take one of the following courses, which can be completed within General Education or Diversity course requirements for graduation: RACEETH 380/580 OR CHICANO 310/510 OR CHICANO 320/520
2. Those pursuing the ESL/BE license must take CIGENRL 455/655 OR ESL 455/655
Those pursuing the ESL/BE license must demonstrate linguistic competence at the low advanced level on the American Council of Teachers of Foreign Languages (ACTFL) Oral Proficiency interview scale and demonstrate cultural competence by an instrument yet to be specified by DPI.

TEACHING ENGLISH AS A SECOND LANGUAGE

MINOR - 24 UNITS (LICENSURE)

1. CIGENROL 350/550, ESL 350/550
2. ESL 310/510, CIGENRL 310, 510
3. CIGENRL 354/554, ESL 354/554
4. ESL 320/520, CIGENRL 320/520
5. ESL 330/530, CIGENRL 330/530
6. ESL 403/603, CIGENRL 403/603
7. CIGENRL 405/605, ESL 405/605
8. CIFLD 492/692

UNIQUE REQUIREMENT: CORE LICENSE

Those pursuing the ESL license must take language study to the 251 level or above or the equivalent in language experience to be determined in consultation with the program coordinator.

ESL Additional Recommendations

It is beyond the scope of this 24-credit academic minor to make someone a balanced bilingual with native-like cultural competence. However, it is possible for candidates to improve cultural and linguistic knowledge and competence by pursuing advanced language and culture study at UW-Whitewater, *within general education course work*, and elsewhere beyond the unique requirements specified above. Indeed, this competence is essential in achieving the performance levels specified by DPI, necessary to secure the ESL/BE license. To this end, students will be advised to include the courses listed below in their general education program as well as coursework in foreign languages, travel study, and study abroad.

RACEETH 380 Race, Ethnicity, and Social Justice: Issues for Helping Professionals.

CHICANO 150 Introduction to Chicano Studies
 CHICANO 200 Chicano Literature: Historical Context and Contemporary Text
 CHICANO 201 Contemporary Chicano Literature
 CHICANO 310 History of Chicanos in the U.S.: 19th Century Roots and 20th Century Development
 CHICANO 320 Politics of the Chicano
 CHICANO 330 Chicano and Latino American Thought
 ENGLISH 265 Multicultural Literature of the United States
 HISTORY 343 Modern Latin America
 HISTORY 346 History of Mexico
 HISTORY 394 The U.S. at War in Vietnam

TEACHING ENGLISH AS A SECOND LANGUAGE FOR ADULTS

MINOR - 24 UNITS (NON-LICENSURE)

1. ENGLISH 281, ENGLISH 383, ESL 301 AND ESL 320
2. SECNDED 435, ESL 401 AND ESL 493
3. FRENCH 251, GERMAN 251 OR SPANISH 251

The certification program in Teaching English as a second language combines the study of theoretical and applied linguistics with instruction in theoretical and practical issues related to the study of English by non-native speakers throughout the lifespan. The minor is offered within the Department of Languages and Literatures, College of Letters and Sciences, in concert the Department of Curriculum and Instruction, College of Education. The licensure program has been designed to meet the standards recommended by TESOL, Inc, the premier international organization for ESL professionals. In its *Core Standards for Language and Professional Programs*, TESOL states that "teaching English to speakers of other languages is an academic field requiring...special professional education and preparation for its practitioners." Furthermore, "each program should have courses which present basic theory and practice covering the second language and teaching paradigm..." Basic entry requirements are: (1) the possession of a teaching license or concurrent enrollment in a program leading to a license; (2) competency in a language other than English as determined by examination or successful completion of the 251 level (may be worked on concurrently with the minor); (3) a GPA of 2.15 or higher. The TESL minor consists of a core of 24 term units.

CERTIFICATE PROGRAM

PROFESSIONAL WRITING AND BOOK PUBLISHING

CERTIFICATE - 12 UNITS

1. ENGLISH 230, ENGLISH 330, ENGLISH 372
2. 3 UNITS FROM ENGLISH 430 OR ENGLISH 436

COURSE DESCRIPTIONS

Note: English courses with an asterisk after the title have the following prerequisite: ENGLISH 101 and ENGLISH 102 or ENGLISH 105 or ENGLISH 161 and ENGLISH 162.

ENGLISH 090 FUNDAMENTALS OF ENGLISH 3 u

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 units 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.

ENGLISH 091 WRITTEN COMMUNICATIONS 2 u

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.

ENGLISH 101 FRESHMAN ENGLISH Proficiency 3 u

An introduction to the reading and writing of college-level prose. Study of short stories, novels and essays. Composition of short papers and essay examinations. Students may not take for credit any course for which they have received a waiver, nor may they take for credit any course in the same department that is a prerequisite for a course that has been waived (e.g., if a student has been waived from English 102, he may not take English 101 for credit).

Prereq: Satisfactory completion of English 090 or equivalent demonstration of ability by the English ACT score.

ENGLISH 102 FRESHMAN ENGLISH Proficiency 3 u

A continuation of ENGLISH 101. Study of plays, poems and essays. Composition of substantial papers and a library research paper.

Prereq: Satisfactory completion of ENGLISH 101 or ENGLISH 161 or equivalent demonstration of ability by the English ACT score.

ENGLISH 105 FRESHMAN ENGLISH Proficiency 3 u HONORS

An accelerated course in the reading and writing of college-level prose that satisfies the Proficiency writing requirement for students in the University Honors Program. Study of the major literary genres, and composition of substantial papers and a library research paper.

Prereq: Eligibility for the University Honors program and an ACT English subscore of at least 24, or consent of University Honors Program Director; NOTE -- Students will be able to receive AP or other test credits for English 101 and 102, but they may not enroll in English 101 or 102 for credit after completing this course.

ENGLISH 111 GRAMMAR REVIEW FOR FORMAL WRITING 1 u

A five week intensive review of the principles of grammar, punctuation, and usage that are associated with formal English for future educators and business and other professionals.

ENGLISH 161 ENGLISH FOR Proficiency 3 u INTERNATIONAL STUDENTS

Principles of written composition adapted to individual foreign students. Includes intensive drill in grammar and mechanics. Also involves individual practice in spoken English. Required of all students whose first language is not English. This course is comparable to and satisfies the English 101 University Proficiency Requirement.

ENGLISH 162 ENGLISH FOR Proficiency 3 u INTERNATIONAL STUDENTS

Continuation of ENGLISH 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.

ENGLISH 200 CHICAN@ LITERATURE: GH/Diversity 3 u TO 1980

Identifies and interprets Chican@ literature in a social and historical context with emphasis on texts written before 1980. All Spanish language texts are provided in translation. (Also offered as CHICAN@ 200 by Race & Ethnic Cultures)
Unreq: CHICANO 200.

ENGLISH 201 CONTEMPORARY CHICANO GH/Diversity 3 u LITERATURE*

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 CHICANO 201)
Unreq: CHICANO 201.

ENGLISH 202 INTRODUCTION TO GH/Diversity 3 u U.S. LATINO LITERATURE

The course will present students with the diverse U.S. Latino experiences, by

introducing them to texts that examine literary works by authors of Latino/Latina backgrounds, in their historical context and cultural context.
Unreq: RACEETH 202

ENGLISH 206 BRITISH LITERATURE SURVEY I* GH 3 u
A survey of British literature from the Old English period through the eighteenth century.

ENGLISH 216 BRITISH LITERATURE SURVEY II* GH 3 u
A survey of British literature from the Romantic period to the present.

ENGLISH 226 AMERICAN LITERATURE SURVEY I* GH 3 u
A survey of American literature from the seventeenth century through the Civil War to acquaint the student with the foremost writers of our literary culture.

ENGLISH 230 FOUNDATIONS OF PROFESSIONAL WRITING AND EDITING 3 u

Students will be introduced to current practices in and theories behind what makes a good editor and writer and learn to read as editors, paying attention to the details of writing professionally. They will learn the processes of revising, fully correcting, and preparing a manuscript for publication.
Prereq: ENGLISH 101 and 102 or 161 and 162 or ENGLISH 105

ENGLISH 236 AMERICAN LITERATURE II* GH 3 u
A survey of American Literature from the Civil War to the present to acquaint the student with the foremost writers of our literary culture.

ENGLISH 251 CLASSICAL MYTH AND LEGEND AS SOURCES FOR LITERATURE* GH 3 u

An examination of classical myths and legends and how they are used in various periods and genres of English literature.

ENGLISH 252 THE BIBLE AS LITERATURE* GH 3 u

This course will survey the Bible and some other related Near Eastern literature, focusing on the development of genres, motifs, and other literary forms that have influenced the form and content of Western literature, including the parable, the proverb, the loss of Eden, exile and return, origin stories, and hero stories.
Unreq: RELIGST 252.

ENGLISH 263 THE CONTEMPORARY NOVEL* GH 3 u
A study of significant British and American novels and novelists of the last decade.

ENGLISH 264 WOMEN IN LITERATURE: A FEMINIST RE-EVALUATION* GH 3 u

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.

ENGLISH 265 MULTICULTURAL LITERATURE OF THE UNITED STATES* GH/Diversity 3 u

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.

ENGLISH 271 CRITICAL WRITING IN THE FIELD OF ENGLISH* 3 u

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.

ENGLISH 274 CREATIVE WRITING* GH 3 u
Study, discussion and writing of description, narration, verse and the short story.

ENGLISH 281 INTRODUCTION TO LANGUAGE STUDY* GH 3 u

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.

ENGLISH 300 SPECIAL TOPICS* 3 u

Analysis and discussion of a cultural, social, moral, philosophical or other significant topic, as expressed in a variety of literary forms, in relation to the individual and society; the particular topic to be published before registration.

Repeatable only with change of topic.

ENGLISH 310/510 LITERATURE FOR ADOLESCENTS* 3 u

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.

ENGLISH 321 ANCIENT WESTERN LITERATURE* GH 3 u

A rapid survey of world literatures other than English and American covering major literary periods from ancient times through the Renaissance.

ENGLISH 322 MODERN WESTERN LITERATURE* GH 3 u

A rapid survey of literatures other than English and American covering the major literary periods from Neoclassicism (seventeenth century) to present.

ENGLISH 323 ASIAN LITERATURES* GH 3 u

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.

ENGLISH 324 POSTCOLONIAL LITERATURES* 3 u

This course introduces students to new literatures in English and to new ways of reading canonical British/American literature. The focus is on developing an understanding of colonial discourse through a study of its literary manifestations, its impact on colonized cultures, and the resistance strategies of colonized peoples to subvert colonial power.

Prereq: sophomore standing

ENGLISH 330 MANUSCRIPT EDITING 3 u

Apply and further develop the basic skills needed to prepare a book or scholarly manuscript for publication. The focus will be on the conventions and procedures of editing a manuscript, particularly editing for correctness and style, following the conventions of The Chicago Manual of Style, the bible of book publishers.

Prereq: ENGLISH 230 or consent of instructor

ENGLISH 332 WRITING FOR THE WEB 3 u

Writing for the Web is designed to survey the many forms of online writing, focusing on community contributions, blogs, Web pages, Wikis and writing for the Web in students' particular academic disciplines. Students will examine each of these forms' conventions, create and contribute to such texts, and reflect upon the cultural significance of those forms.

Prereq: ENGLISH 102, 105, 162 or consent of instructor.

ENGLISH 333 JAPANESE LITERATURE 3 u

This course surveys Japanese Literature, providing study of classical literature and how this past is reconsidered by modern writers. Group projects will include study of key issues in Japanese cultural history, such as folktales,

garden, tea and verse aesthetics, court, samurai and merchant culture, and international contact and war.

Prereq: ENGLISH 102 or ENGLISH 162 or ENGLISH 105

ENGLISH 341 THE AMERICAN RENAISSANCE 3 u

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: ENGLISH 102 or ENGLISH 105 or ENGLISH 162 or consent of instructor.

ENGLISH 342 AMERICAN REALISM AND NATURALISM 3 u

An exploration of developments in American literature in the period following the Civil War to 1910. In addition to naturalism and realism, the course will include more recent additions to the canon: women's fiction and African-American writing of the period.

Prereq: ENGLISH 101, ENGLISH 102, ENGLISH 226 or consent of instructor

ENGLISH 345/545 AFRICAN-AMERICAN LITERATURE, 1800 TO THE PRESENT* Diversity 3 u

A survey of essays, prose fiction, drama, and poetry written by African-Americans from the Colonial period to the present.

Unreq: AFRIAMR 345/545.

ENGLISH 346/546 SURVEY OF MODERN DRAMA* 3 u

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: THEATRE 346/546

ENGLISH 347 BRITISH MODERNISM 3 u

A survey of the major developments in British Literature from 1900 to World War II, with an emphasis on the rise of modernism.

Prereq: ENGLISH 102 or ENGLISH 105 or ENGLISH 162 or consent of instructor

ENGLISH 348 AMERICAN MODERNISM 3 u

A survey of the major developments in American Literature from 1900 to World War II, with an emphasis on the rise of Modernism.

Prereq: ENGLISH 226 or ENGLISH 236

ENGLISH 360 POSTWAR BRITISH LITERATURE* (1945-PRESENT) 3 u

This course is designed to deepen students' engagement with the rich tradition of British fiction, drama, and poetry of the last fifty years. Focusing on such writers as Orwell, Beckett, Drabble, Churchill, and Gordimer, it invites students to debate the role literature plays within a rapidly changing British society. We will also consider the significance of such postwar developments as: the demise of imperialism, the rise of postmodernism, and diversification of British society.

ENGLISH 363 AMERICAN LITERATURE IN THE POSTMODERN AGE (1945-PRESENT)* 3 u

This course is designed to acquaint students with the rich tradition of American fiction and poetry of the last fifty years. Focusing on such figures as Ellison, Plath, Morrison, Pynchon, Baraka, and DeLillo, this course invites students to debate the role that literature plays in a postwar American society. In doing so, we will focus on how writers address such postwar developments as: dawn of the nuclear age, Vietnam, the rise of mass culture, and rapid technologizing of American society.

ENGLISH 368/568 AMERICAN MINORITY WOMEN WRITERS* Diversity 3 u

A survey of poetry, fiction, drama, and essays written by African-American, Hispanic-American, Native American and Asian-American women.

Prereq: cons instr. Unreq: RACEETH 368/568.

ENGLISH 369 MULTICULTURAL DRAMA OF THE UNITED STATES Diversity 3 u

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: ENGLISH 102 and a 200-level English course or THEATRE 346 or THEATRE 471 or THEATRE 472 or THEATRE 478. Unreq: THEATRE 369.

ENGLISH 370 ADVANCED COMPOSITION* 3 u

A course in advanced exposition and argumentation. Business majors must take on conventional grade basis.

ENGLISH 372/572 TECHNICAL AND SCIENTIFIC WRITING* 3 u

Practice in expository, descriptive, and report writing, with special application to technical and scientific subject matter.

ENGLISH 373 POETRY WRITING 3 u

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: ENGLISH 101 and ENGLISH 102 or ENGLISH 161 and ENGLISH 162 or Consent of instructor.

ENGLISH 375/575 FICTION WRITING 3 u

Theory, techniques, and practice of the writing of fiction. Requires a minimum of 50 pages of student writing, after careful revisions.

Prereq: ENGLISH 101 and 102 or ENGLISH 161 and 162 or ENGLISH 105.

ENGLISH 376 SCREENWRITING* 3 u

Practical experience in writing scripts for cinema and/or television, with special emphasis on the creative, theoretical, and critical processes.

ENGLISH 377 INTRODUCTION TO PLAYWRITING 3 u

Students will be introduced to the elements of a play, learn to analyze and evaluate dramatic structure, and write short plays. They will also experience the collaborative nature of the play development process by having their work read by actors and critiqued by an audience of classmates.

Prereq: ENGLISH 101, ENGLISH 102, ENGLISH 274 or THEATRE 110 and junior standing

ENGLISH 378/578 PROSE STYLISTICS 3 u

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.

ENGLISH 379 RHETORIC FOR WRITERS 3 u

Rhetoric for Writers provides a historical and philosophical introduction to rhetoric and demonstrates how rhetorical concepts can be applied to contemporary and practical writing situations. The focus is on helping students enhance their academic and real-world writing skills by heightening their awareness of how language shapes reality. This course emphasizes editing and writing.

Prereq: ENGLISH 102 or ENGLISH 105 or ENGLISH 162 or consent of instructor

ENGLISH 382 HISTORY OF THE LANGUAGE 3 u

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: ENGLISH 281 or cons. instr.

ENGLISH 383/583 MODERN GRAMMATICAL THEORY 3 u

A study of traditional, structural and transformational-generative grammars.

Prereq: ENGLISH 281 or cons. instr.

- ENGLISH 385/585 TOPICS IN LINGUISTICS (VARIABLE TOPIC)*** 3 u
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: ENGLISH 281, or cons instr; either ENGLISH 381, ENGLISH 382, or ENGLISH 383 is strongly recommended as preparation for this course.
- ENGLISH 401 THE HEROIC AGE** 3 u
This course will introduce students to the literary and socio-cultural milieu of Anglo-Saxon and medieval Britain. Through analysis of major figures of the period, including the Beowulf poet and Chaucer, the students will better appreciate the period in which the English language and British literature was formed.
Prereq: ENGLISH 102 or ENGLISH 105 or ENGLISH 162 and junior standing or consent of instructor.
- ENGLISH 402 RENAISSANCE AND REFORMATION** 3 u
Sixteenth Century British Literature introduces the students to literature of all genres written in Britain during the period. The course will acquaint students with the historic, philosophical, political and aesthetic principles in this period to enlighten and interest students and to develop their critical thinking skills.
Prereq: ENGLISH 206 and junior standing or consent of instructor.
- ENGLISH 404/604 SHAKESPEARE** 3 u
A study of the works of Shakespeare which will include representative genres and which will not duplicate works studied in ENGLISH 405.
Prereq: Junior standing or consent of instructor.
- ENGLISH 405/605 SHAKESPEARE** 3 u
A study of the works of Shakespeare which will include representative genres and which will not duplicate works studied in ENGLISH 404.
Prereq: ENGLISH 102 or ENGLISH 105 or ENGLISH 162 and junior standing or consent of instructor.
- ENGLISH 412 REVOLUTION AND RESTORATION** 3 u
This course will introduce students to the literacy and socio-cultural milieu of seventeenth-century Britain. Through analysis of authors such as John Milton and Aemelia Lanyer, the student will come to better appreciate a vital period in the formation of our modern selves.
Prereq: ENGLISH 206 or ENGLISH 251 or ENGLISH 252 or consent of instructor.
- ENGLISH 414 ENLIGHTENMENT AND EMPIRE** 3 u
Eighteenth Century British Literature introduces students to literature of all genres written in Britain during the Restoration and eighteenth century. The course should acquaint students with, among others, the historic, philosophic, political and aesthetic principles in this literature to enlighten and interest students, and to develop their critical thinking skills.
Prereq: ENGLISH 206 or ENGLISH 251 or ENGLISH 252 and junior standing or consent of instructor.
- ENGLISH 416 THE AGE OF ROMANTICISM** 3 u
A study of the prose and poetry of the major writers of the Romantic period in English literature.
Prereq: Junior standing and ENGLISH 216 or ENGLISH 226 or consent of instructor.
- ENGLISH 420/620 VICTORIAN AND EDWARDIAN LITERATURE** 3 u
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 or consent of instructor.
- ENGLISH 430 BOOK EDITING** 3 u
The course will survey the function of the editor in producing books. The course examines production cycles, giving an overview of the processes involved in publishing, and focuses on acquiring texts, developing the author-editor relationship, organizing and restructuring texts, checking facts, developing specifications, and dealing with copyright issues.
Prereq: ENGLISH 230 and 330 or consent of instructor
- ENGLISH 436 TOPICS IN TECHNICAL WRITING** 3 u
Variable topics course that will comprise such topics as technical writing theory, graphics use and design, research, and writing and editing for specific fields such as medicine, biology, chemistry, geology/geography, engineering, law, academia, information technology, environmental studies, instruction/help manuals, and training manuals.
Prereq: ENGLISH 230 and ENGLISH 372 or consent of instructor
- ENGLISH 460 MAJOR AUTHORS** 3 u
Intensive study of the works of a major writer or related writers and their contributions to literature and culture, the particular topic to be published before registration. Repeatable only with a change of topic.
Prereq: ENGLISH 102 or ENGLISH 105 or ENGLISH 162
- ENGLISH 463 19TH CENTURY WOMEN WRITERS** 3 u
A survey of the works of American and English women writers of the 19th century.
Prereq: ENGLISH 102 or ENGLISH 105 or ENGLISH 162 or consent of instructor.
- ENGLISH 464 TWENTIETH CENTURY WOMEN WRITERS** 3 u
A study of significant American and British women writers of the twentieth century.
Prereq: ENGLISH 216 or ENGLISH 226 or WOMENST 100 or consent of instructor.
- ENGLISH 471/671 CURRENT THEORIES OF COMPOSITION FOR TEACHERS** 3 u
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.
- ENGLISH 472 NATURE WRITING** 3 u
An intensive writing workshop that provides students with an introduction to the history, theory, techniques, and practice of American nature writing in its many forms.
Prereq: ENGLISH 101 and ENGLISH 102
- ENGLISH 477/677 THE CURRENT WRITING SCENE** 3 u
An intensive study of the range of current writing, with practice in written composition which may qualify students for professional employment.
Prereq: (ENGLISH 101 and ENGLISH 102) OR (ENGLISH 161 and ENGLISH 162) and ENGLISH 378.
- ENGLISH 478 APPLIED PROSE WRITING FOR 3 u DESKTOP PUBLISHING**
A practical course in preparing writing for printing and publication. Students will learn how to edit and proofread prose to make it readable and stylistically appropriate for its readership and purpose. Using desktop publishing technology, students will produce camera-ready publications combining text and illustrations.
Prereq: ENGLISH 101 and 102 or ENGLISH 161 and 162 and ENGLISH 378.
- ENGLISH 479 CREATIVE NONFICTION** 3 u
This workshop introduces students to the history, theory, tradition and practice of creative nonfiction in its many forms, including the edited journal, personal essay and memoir, nature essay, literary journalism, and academic/cultural criticism. Through a mix of seminar-style discussions,

graduated writing assignments, and intensive workshop response and revision, students work to develop a substantive portfolio (40-50 pages) of their own work by the end of the term.

Prereq: (ENGLISH 101 and ENGLISH 102) or (ENGLISH 161 and ENGLISH 162) AND ENGLISH 274 or consent of the instructor

ENGLISH 483 CONTROVERSIES IN CRITICISM 3 u

As the capstone course for English Literature and English Education majors, Controversies in Criticism is a seminar that focuses on a major critical debate. The students will examine a cluster of critical responses to a specific controversy and draw on their knowledge of literature to shed discipline. The specific controversy addressed will vary.

Prereq: Senior Status and ENGLISH 271

ENGLISH 488 ADVANCED WRITERS' STUDIO 3 u

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 units in major.

Prereq: Jr or sr st; ENGLISH 378, and three other English courses numbered 300 or above.

ENGLISH 490/690 WRITING WORKSHOP* Repeatable 1-3 u

Variable topics published prior to registration.

ENGLISH 491/691 TRAVEL STUDY Repeatable 1-3 u

ENGLISH 493 APPLIED STUDY: INTERNSHIP IN WRITING* 1-6 u

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 units in degree.

Prereq: Consent of department chair.

ENGLISH 496/696 SPECIAL STUDIES* 2-4 u

Repeatable only with change of topic.

ENGLISH 497 EXCHANGE STUDIES 1-12 u

Repeatable.

ENGLISH 498 INDEPENDENT STUDIES* 1-3 u

Repeatable. Prereq: Cons instr and dept. approval of the student's Independent Study Proposal form prior to registering for the course.

ENGLISH 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH 1-3 u

Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Prereq: Department Consent required.

ENGLISH 499 THESIS 1-3 u

Open only to English majors.

Prereq: Junior or Senior status

* English 101 and 102 (or English 161 and 162) or English 105 are prerequisites for this course.

FOREIGN LANGUAGES

Phone: 262-472-1033

E-Mail: forlang@uwm.edu

Arabic	Chinese	French
German	Japanese	Spanish

Faculty: Ellen Boldt, Nayla Chehade, Hala Ghoneim, Alicia de Gregorio, Hala Ghoheim, Peter Hoff (Coordinator), Kasumi Kato, Matthew Lange, Regis Lecoanet, Pilar Melero, Manuel Ossers, Jodie Parys, Ximena Torres, Sheila Turek, Maria White, Yilin Zhang.

Courses in foreign languages provide the basic skills of listening, speaking,

reading and writing as well as an introduction to the literature and the culture of the peoples that speak them. The study of a foreign language may lead to a career in teaching or it may provide the student with a valuable supporting skill in many fields, such as business, public service, librarianship, social work, law, journalism, or the health professions. Reading knowledge of a foreign language is a requirement for many graduate degrees

Placement Exam

Students with no previous university-level coursework in Spanish, French or German who wish to continue with the language(s) acquired previously must take the appropriate foreign language placement exam and will be placed accordingly. Native speakers of these foreign languages should speak with the Foreign Language Coordinator regarding placement. The placement test is given to help the student select the proper course, but departmental advising is still recommended.

Students of other foreign languages should speak with the course instructor about placement.

Credit for Previous Language Study

The Department of Languages and Literatures grants up to 16 units in French, German, Japanese and Spanish (12 units in Chinese and Arabic) for previous language study or other language experience provided the student earns at least a "B" in a follow-up course at UW-W. Students may enroll in any course except phonetics and the 390 conversation course to receive units for previous language study. (See previous section: Placement Exam). The B grade must be earned in the first course taken at the university level.

GENERAL FOREIGN LANGUAGE

ARABIC 141 BEGINNING ARABIC I GH 4 u

In this first semester Arabic course students will begin to learn how to speak, read, and write Arabic in its Modern Standard form, (aka MSA). The class will also provide an introduction to the customs and culture of the Arab world.

ARABIC 142 BEGINNING ARABIC II GH 4 u

In this second semester Arabic course students will continue to learn how to speak, read, and write Arabic in its Modern Standard form (aka MSA). The class will also provide an introduction to the customs and culture of the Arab world.

Prereq: ARABIC 141

ARABIC 251 INTERMEDIATE ARABIC I GH 4 u

This third semester Arabic course will enhance the Arabic linguistic skills and the knowledge of cultures of Arabic-speaking peoples that students acquired in Beginning Arabic.

Prereq: ARABIC 142

ARABIC 252 INTERMEDIATE ARABIC II GH 4 u

This fourth semester Arabic course will continue to enhance the Arabic linguistic skills and the knowledge of cultures of Arabic-speaking peoples begun in Intermediate Arabic I.

Prereq: ARABIC 251

CHINESE 141 BEGINNING CHINESE GH 4 u

This course introduces students to Mandarin Chinese, a common speech shared by all dialect speakers in China. It adopts pinyin (Chinese Phonetic Alphabet) as the standard phonetic system. It trains students in all aspects of the language - listening, speaking, reading and writing.

CHINESE 142 BEGINNING CHINESE GH 4 u

As the second semester of the first-year Chinese, this course continues comprehensive training in Mandarin Chinese at elementary level. While continuing to improve their listening, speaking, reading, and writing skills, students will have more exposure to Chinese customs and culture.

Prereq: CHINESE 141 or equivalent.

CHINESE 251 CHINESE III GH 4 u

As the first semester of the second-year Chinese, this course further enhances students' language skills in both spoken and written form and their understanding of the cultural and social context in which the language is shaped and formed.

Prereq: CHINESE 142

CHINESE 252 CHINESE IV *GH* 4 u

As the second semester of second-year Chinese, this course continues to enhance students' language skills in both spoken and written form and their understanding of Chinese culture and Chinese society.

Prereq: CHINESE 251

CHINESE 498 INDEPENDENT STUDY *Repeatable* 1-3 u

JAPANESE 101 BEGINNING JAPANESE I *GH* 4 u

Japanese 101 is the first term of a two-term, beginning Japanese language course which emphasizes oral skills but also introduces the written language (*hiragana* and *katakana* syllabaries). It also exposes students to the culture of Japan.

JAPANESE 102 BEGINNING JAPANESE II *GH* 4 u

Japanese 102 is the second term of a two-term, beginning Japanese language course which emphasizes oral skills but also introduces the written language (*hiragana* and *katakana* syllabaries). It also exposes students to the culture of Japan.

Prereq: JAPANESE 101 or its equivalent

JAPANESE 103 BEGINNING JAPANESE III *GH* 4 u

This is the third term of UWW's Japanese language instruction sequence. Entering students are expected to have mastered the basics of the writing system (*hirigana* and *katakana* and approximately 300 *Kanji* characters), know elementary grammar and have a basic vocabulary with listening, reading, writing and speaking skills. This course develops the four skill areas (listening, speaking, reading and writing) in order to cultivate an overall Japanese language ability. Using the course materials, which include the most frequently used daily vocabulary, students will apply what they have to their daily activity. The course prepares students for Intermediate-Level Japanese.

Prereq: JAPANESE 102 or equivalent

JAPANESE 201 INTERMEDIATE JAPANESE *GH* 4 u

This is the fourth term of UWW's Japanese language sequence. Entering students are expected to have mastered the writing system (with approximately 600 *Kanji* characters of the 2000 needed to be able to read newspapers and be considered fully literate). This course develops the four skill areas (listening, speaking, reading and writing) to cultivate an overall Japanese language ability. Students will continue to build vocabulary, master more serious grammar, and work on writing/reading skills.

Prereq: JAPANESE 103 or equivalent

JAPANESE 202 INTERMEDIATE JAPANESE II *GH* 3 u

Intermediate Japanese II is the second intermediate course in spoken and written Japanese. Students will continue to learn basic structural patterns of the Japanese language and be encouraged to further develop their proficiency in all four skill areas of the language. As an intermediate course, however, increased attention will be given to reading and writing in the Japanese writing system. Students will also learn aspects of Japanese culture that relate to the lesson topics.

Prereq: JAPANESE 201

JAPANESE 203 INTERMEDIATE JAPANESE III *GH* 3 u

Intermediate Japanese III is the third intermediate course in spoken and written Japanese. Students will continue to learn basic structural patterns of the Japanese language and be encouraged to further develop their proficiency in all four skill areas of the language (reading, writing, listening, speaking). As an intermediate course, however, increased attention will be given to the reading and writing in the Japanese writing system. Students will also learn aspects of Japanese culture that related to the lesson topics.

Prereq: JAPANESE 202

JAPANESE 301 JAPANESE CONTEMPORARY ISSUES THROUGH THE LENS OF THE MEDIA 3 u

This course aims to familiarize students with the linguistic, cultural and

social aspects of Japan through a variety of contemporary media.

Prereq: JAPANESE 203 or instructor consent

JAPANESE 498 INDEPENDENT STUDY *Repeatable* 1-3 u

RUSSIAN 141 BEGINNING RUSSIAN I *GH* 4 u

This first-semester Russian course will introduce students to the Russian language (speaking, reading, writing and listening) and culture.

RUSSIAN 142 BEGINNING RUSSIAN II *GH* 4 u

This second-semester Russian course will continue to introduce students to the Russian language (speaking, reading, writing and listening) and culture.

Prereq: RUSSIAN 141

FORNLANG 496 SPECIAL STUDIES 1-4 u

Repeatable. Prereq: Consent of instructor.

FORNLANG 497 EXCHANGE STUDY *Repeatable* 1-12 u

FORNLANG 498 INDEPENDENT STUDY *Repeatable* 1-3 u

MAJORS

FRENCH (BA/BS)

MAJOR - 26 UNITS BEYOND 252

1. SELECT 6 UNITS OF FRENCH LITERATURE COURSES NUMBERED 400 (FRENCH 493, FRENCH 496, FRENCH 497, FRENCH 498 ONLY WITH DEPARTMENTAL APPROVAL)
2. FRENCH 340 OR FRENCH 350
3. SELECT 17 UNITS OF FRENCH BEYOND FRENCH 252

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370
- AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

FRENCH (BSE)

LICENSURE - 38 UNITS

1. SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. EDFNDPRC 210
4. STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND 12 UNITS FROM CIFLD 412
5. SECNDED 427
6. EDFOUND 212 AND EDFOUND 425
7. SELECT 3 UNITS FROM COURSE CIFLD 492
8. SPECED 205

MAJOR - 26 UNITS BEYOND 252

1. SELECT 6 UNITS OF FRENCH LITERATURE COURSES NUMBERED 400 (FRENCH 493, FRENCH 496, FRENCH 497, FRENCH 498 ONLY WITH DEPARTMENTAL APPROVAL)
2. FRENCH 310
3. FRENCH 340 OR FRENCH 350
4. SELECT 14 UNITS OF FRENCH BEYOND FRENCH 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 UNITS

1. ENGLISH 370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINORS/EMPHASES

FRENCH

MINOR - 12 UNITS BEYOND 252

1. SELECT 12 UNITS FROM COURSES BEYOND FRENCH 252

FRENCH EDUCATION EMPHASIS

MINOR - 12 UNITS BEYOND 252

1. FRENCH 310, FRENCH 321 AND FRENCH 322
2. SELECT 3 UNITS FROM COURSES BEYOND FRENCH 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

COURSE DESCRIPTIONS

FRENCH 141 BEGINNING FRENCH *GH* 4 u
An elementary course with oral emphasis. Grammar, reading, writing, conversation.

FRENCH 142 BEGINNING FRENCH *GH* 4 u
Continuation of FRENCH 141.
Prereq: FRENCH 141 or equivalent.

FRENCH 251 INTERMEDIATE FRENCH *GH* 4 u
Grammar review, reading, oral and written exercises, conversation.
Prereq: FRENCH 142 or equivalent.

FRENCH 252 INTERMEDIATE FRENCH *GH* 4 u
Continuation of FRENCH 251.
Prereq: FRENCH 251 or equivalent.

FRENCH 310 FRENCH PHONETICS 3 u
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: FRENCH 252 or equivalent or consent of instructor.

FRENCH 321 ADVANCED FRENCH LANGUAGE STUDY *GH* 3 u
A thorough study of the structure of the language. Practical application through conversation and composition.

FRENCH 322 ADVANCED FRENCH LANGUAGE STUDY *GH* 3 u
Continuation of FRENCH 321.
Prereq: FRENCH 321 or consent of instructor.

FRENCH 331 READINGS IN MODERN FRENCH 3 u
Language study through reading and discussion in French of selected texts in modern French. Emphasis on vocabulary acquisition and grammatical usage.
Prereq: FRENCH 252 or equivalent.

FRENCH 332 READINGS IN MODERN FRENCH 3 u
Similar to FRENCH 331; with different texts.
Prereq: FRENCH 252 or equivalent

FRENCH 340 CONTEMPORARY FRENCH CIVILIZATION 2-3 u
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.

FRENCH 350 FRENCH CIVILIZATION 3 u
Study of the political, social, intellectual, artistic and literary development of France, from the Middle Ages to the present.
Prereq: 6 units of 300 level course in French or cons instr.

FRENCH 370 INTRODUCTION TO BUSINESS FRENCH 3 u
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 units of 300 or 400 level French courses, or cons instr.

FRENCH 390 FRENCH CONVERSATION 1 u
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 units in major/degree.
Prereq: Completion of six hours of 300 level courses or cons instr.

FRENCH 451 SURVEY OF FRENCH LITERATURE 3 u
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 units of 300 level courses in French.

FRENCH 452 SURVEY OF FRENCH LITERATURE 3 u
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 units of 300 level courses in French.

FRENCH 481 FRENCH CLASSICS 3 u
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 units of 300 level courses in French.

FRENCH 482 CONTEMPORARY FRENCH LITERATURE 3 u
Study of selected texts of the major writers of the twentieth century.
Prereq: 9 units of 300 level courses in French.

FRENCH 490/690 WORKSHOP 1-3 u
Repeatable. Prereq: Consent of instructor.

FRENCH 491/691 TRAVEL STUDY *Repeatable* 3 u

FRENCH 493 INTERNSHIP IN FRENCH 1-3 u
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable for a maximum of 6 units in major/degree. Satisfactory/No Credit Grade Basis Only.
Prereq: Six units of French at the 300 or 400-level, and consent of instructor.

FRENCH 494/694 SEMINAR 1-3 u

Repeatable. Prereq: 9 units of 300 level courses or cons instr.

FRENCH 496/696 SPECIAL STUDIES 1-3 u

Repeatable. Prereq: 6 units of 300 level courses in French or cons instr.

FRENCH 497 EXCHANGE STUDY *Repeatable* 1-12 u**FRENCH 498 INDEPENDENT STUDY 1-3 u**

Repeatable for a maximum of 6 units in major/degree. Prereq: Major or minor in French and consent of department

FRENCH 499 THESIS 1-3 u

Open only to French majors.

Prereq: Junior or Senior status

MAJORS**GERMAN (BA/BS)**

MAJOR - 26 UNITS BEYOND 252

1. SELECT 6 UNITS OF GERMAN LITERATURE COURSES NUMBERED 400 (GERMAN 493, GERMAN 496, GERMAN 497 AND GERMAN 498 ONLY WITH DEPARTMENTAL APPROVAL)
2. GERMAN 350
3. SELECT 17 UNITS OF GERMAN BEYOND GERMAN 252

WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

GERMAN (BSE)

LICENSURE - 38 UNITS

1. SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. EDFNDPRC 210
4. STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND 12 UNITS FROM CIFLD 412
5. SECNDED 427
6. EDFOUND 212 AND EDFOUND 425
7. SELECT 3 UNITS FROM COURSE CIFLD 492
8. SPECED 205

MAJOR - 26 UNITS BEYOND 252

1. SELECT 6 UNITS OF GERMAN LITERATURE COURSES NUMBERED 400 (GERMAN 493, GERMAN 496, GERMAN 497 AND GERMAN 498 ONLY WITH DEPARTMENTAL APPROVAL)
2. GERMAN 310
3. GERMAN 350
4. SELECT 14 UNITS OF GERMAN BEYOND GERMAN 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 UNITS

1. ENGLISH 370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINORS/EMPHASES**GERMAN**

MINOR - 12 UNITS BEYOND 252

1. SELECT 12 UNITS FROM COURSES BEYOND GERMAN 252

GERMAN EDUCATION EMPHASIS

MINOR - 12 UNITS BEYOND 252

1. GERMAN 310, GERMAN 321 AND GERMAN 322
 2. SELECT 3 UNITS FROM COURSES BEYOND GERMAN 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

COURSE DESCRIPTIONS

GERMAN 141 BEGINNING GERMAN *GH* 4 u
Introduction to the fundamental structure of German, equally emphasizing the skills of listening, speaking, reading, and writing.

GERMAN 142 BEGINNING GERMAN *GH* 4 u
Continuation of GERMAN 141.
Prereq: GERMAN 141 or equiv.

GERMAN 251 INTERMEDIATE GERMAN *GH* 4 u
Systematic deepening and improving of the four language skills with emphasis on the grammatical structure. Selected reading.
Prereq: GERMAN 142 or equiv.

GERMAN 252 INTERMEDIATE GERMAN *GH* 4 u
Continuation of GERMAN 251 including outside reading in the area of the student's interest.
Prereq: GERMAN 251 or equiv.

GERMAN 310 GERMAN PHONETICS 3 u
Brief history of the German language, study of German speech sounds, oral practice including lab work. Very important for future German teachers.
Prereq: GERMAN 252 or equivalent or consent of instructor.

GERMAN 321 ADVANCED GERMAN LANGUAGE STUDY *GH* 3 u
A thorough study of the structure of German with practice in oral and written application.
Prereq: GERMAN 252 or equiv.

GERMAN 322 ADVANCED GERMAN LANGUAGE STUDY *GH* 3 u
Continuation of GERMAN 321.
Prereq: GERMAN 321 or cons instr.

GERMAN 331 READINGS IN MODERN GERMAN LITERATURE 3 u
Reading and discussion of plays and short stories for comprehension and vocabulary building.
Prereq: GERMAN 252 or equiv.

GERMAN 332 READINGS IN MODERN GERMAN LITERATURE 3 u
Reading and discussion of selected plays, short stories and poems for comprehension and vocabulary building.
Prereq: GERMAN 331 or equiv. or GERMAN 252 and cons instr.

GERMAN 350 GERMAN CIVILIZATION 3 u
The political and cultural development of the German-speaking people with emphasis on present-day Germany, Austria and Switzerland.
Prereq: 6 units of 300 level courses in German or cons instr.

GERMAN 360 GERMAN LANGUAGE AND CULTURE THROUGH FILM 3 u

This course will explore contemporary film of the German-speaking world as a vehicle for listening comprehension, vocabulary building, written and oral proficiency, and cultural literacy. Significant time will be spent analyzing the content and context of the films based on their cultural, historical, social and political themes.

Prereq: 6 units of 300 level courses in German or consent of instructor

GERMAN 390 GERMAN CONVERSATION 1 u

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 units in major/degree.

Prereq: Completion of six hours of 300 level courses in German or cons instr.

GERMAN 451 SURVEY OF GERMAN LITERATURE 3 u

General history of German literature from its beginnings to the end of the eighteenth century. Readings from representative works.

Prereq: 9 units of 300 level courses in German or cons instr.

GERMAN 452 SURVEY OF GERMAN LITERATURE 3 u

General history of German literature from the end of the eighteenth century to the present. Readings from representative works.

Prereq: 9 units of 300 level courses in German or cons instr.

GERMAN 490/690 WORKSHOP 1-3 u

Repeatable. Prereq: 9 units of 300 level courses or cons instr.

GERMAN 491/691 TRAVEL STUDY *Repeatable* 1-3 u**GERMAN 493 INTERNSHIP IN GERMAN** 1-3 u

Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable for a maximum of 6 units in major/degree. Satisfactory/No Credit Grade Basis Only.

Prereq: Six units of German at the 300 or 400-level, and consent of instructor.

GERMAN 494/694 SEMINAR 1-3 u

Repeatable one time. Prereq: Cons. instr.

GERMAN 496/696 SPECIAL STUDIES 1-3 u

Repeatable. Prereq: 6 units of 300 level courses in German or cons instr.

GERMAN 497 EXCHANGE STUDY *Repeatable* 1-12 u**GERMAN 498 INDEPENDENT STUDY** 1-3 u

Repeatable for a maximum of 6 units in major/degree. Prereq: Majors and minors and cons. dept.

GERMAN 499 THESIS 1-3 u

Open only to German majors.

Prereq: Junior or Senior status

MAJORS**SPANISH (BA/BS)**

MAJOR - 26 UNITS BEYOND 252

1. SELECT 6 UNITS OF SPANISH LITERATURE COURSES NUMBERED 400 (SPANISH 493, SPANISH 496, SPANISH 497 AND SPANISH 498 ONLY WITH DEPARTMENTAL APPROVAL)
2. SPANISH 350 OR SPANISH 360
3. SELECT 17 UNITS OF SPANISH BEYOND SPANISH 252

MAJOR - WRITING PROFICIENCY - 3 UNITS

1. ENGLISH 370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SPANISH (BSE)

LICENSURE - 38 UNITS

1. SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. EDFNDPRC 210
4. STUDENT TEACHING
SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND 12 UNITS FROM CIFLD 412
5. SECNDED 427
6. EDFOUND 212 AND EDFOUND 425
7. SELECT 3 UNITS FROM COURSE CIFLD 492
8. SPECED 205

MAJOR - 26 UNITS BEYOND 252

1. SELECT 6 UNITS OF SPANISH LITERATURE COURSES NUMBERED 400 (SPANISH 493, SPANISH 496, SPANISH 497 AND SPANISH 498 ONLY WITH DEPARTMENTAL APPROVAL)
2. SPANISH 310
3. SPANISH 350 OR SPANISH 360
4. SELECT 14 UNITS OF SPANISH BEYOND SPANISH 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 UNITS

1. ENGLISH 370

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINORS/EMPHASES**SPANISH**

MINOR - 12 UNITS BEYOND 252

1. SELECT 12 UNITS FROM COURSES BEYOND SPANISH 252

SPANISH EDUCATION EMPHASIS

MINOR - 12 UNITS BEYOND 252

1. SPANISH 310, SPANISH 321 AND SPANISH 322
2. SELECT 3 UNITS FROM COURSES BEYOND SPANISH 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

COURSE DESCRIPTIONS**SPANISH 141 BEGINNING SPANISH** GH 4 u

An elementary course with oral emphasis. Grammar, reading, writing, conversation.

SPANISH 142 BEGINNING SPANISH GH 4 u

Continuation of SPANISH 141.

Prereq: SPANISH 141 or equiv.

SPANISH 251 INTERMEDIATE SPANISH GH 4 u

Grammar review, reading, oral and written exercises. Conversation.

Prereq: SPANISH 142 or equiv.

SPANISH 252 INTERMEDIATE SPANISH GH 4 u

Continuation of SPANISH 251.

Prereq: SPANISH 251 or equiv.

SPANISH 310 SPANISH PHONETICS	3 u	spontaneous use of the language.
A study of the elements of speech sounds, the application of sounds to understanding and speaking, with emphasis on oral practice.		Repeatable five times for a maximum of 6 units in major/degree. Prereq: 6 units of 300 level courses or cons instr.
SPANISH 320 SPANISH FOR SPANISH SPEAKERS	GH 3 u	
The course presents students the opportunity to achieve a clear grasp of written and oral formal Spanish as well as comprehension of the origins, development, and richness of Spanish and the peoples that speak it. This setting also offers a culturally contextualized, structured forum for the exploration of topics pertaining to the linguistic and cultural identity of Spanish speakers within and without the United States.		
Prereq: Consent of instructor		
SPANISH 321 ADVANCED SPANISH LANGUAGE STUDY	GH 3 u	
A thorough study of the structure of the language. Practical application through conversation and composition.		
Prereq: SPANISH 252 or equiv.		
SPANISH 322 ADVANCED SPANISH LANGUAGE STUDY	GH 3 u	
Continuation of SPANISH 321.		
Prereq: SPANISH 321 or cons instr.		
SPANISH 331 PENINSULAR-SPANISH READINGS I	3 u	
Language study through reading and discussion in Spanish of selected works of the nineteenth century. Emphasis on vocabulary acquisition.		
Prereq: SPANISH 321 or equivalent or consent of instructor.		
SPANISH 332 PENINSULAR-SPANISH READINGS II	3 u	
Language study through reading and discussion in Spanish of selected works of the twentieth century. Emphasis on vocabulary acquisition.		
Prereq: SPANISH 321 or equivalent or consent of instructor.		
SPANISH 333 SPANISH-AMERICAN READINGS I	3 u	
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: SPANISH 321 or equivalent or consent of instructor.		
SPANISH 334 SPANISH-AMERICAN READINGS II	3 u	
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: SPANISH 321 or equivalent or consent of instructor.		
SPANISH 350 SPANISH CIVILIZATION	3 u	
Study of the political, social, intellectual, artistic and literary development of Spain from remote times to the present day.		
Prereq: 6 units of 300 level courses in Spanish or cons instr.		
SPANISH 360 SPANISH AMERICAN CIVILIZATION	3 u	
An introduction to the geography, history, literature, sociology, economics and political life of Spanish America.		
Prereq: 6 units of 300 level courses in Spanish or cons instr.		
SPANISH 370 SPANISH FOR BUSINESS	3 u	
A course for those students who plan to use or may need to use their proficiency in Spanish in a business career. This course provides an introduction to concepts and terminology associated with doing business in Spanish-speaking countries or with the Hispanic community in this country; affords practice in employing those concepts and terminology in the oral, reading and writing skills; and offers a brief overview of the culture and structure of the Hispanic business world.		
Prereq: Six units of 300 or 400-level Spanish courses or consent of instructor.		
SPANISH 390 SPANISH CONVERSATION	1 u	
Designed to maintain and increase oral fluency in Spanish. Emphasis on		
SPANISH 451 SURVEY OF SPANISH LITERATURE	3 u	
General history of Spanish literature from its beginning to the end of the eighteenth century. Reading of representative works of each genre.		
Prereq: 9 units of 300 level courses in Spanish.		
SPANISH 452 SURVEY OF SPANISH LITERATURE	3 u	
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 units of 300 level courses in Spanish.		
SPANISH 453 SURVEY OF SPANISH AMERICAN LITERATURE	3 u	
General survey of main developments, works and authors of the literature from the discovery of the New World until 1888.		
Prereq: 9 units of 300 level courses in Spanish.		
SPANISH 454 SURVEY OF SPANISH AMERICAN LITERATURE	3 u	
General survey of main developments, works and authors of the literature from 1888 until the present time.		
Prereq: 9 units of 300 level courses in Spanish.		
SPANISH 481 SPANISH CLASSICS	3 u	
Topics alternate: 1) Don Quixote, 2) Golden Age drama, 3) Golden Age prose.		
Repeatable with change of topic.		
Prereq: 9 units of 300 level courses in Spanish.		
SPANISH 483 CONTEMPORARY SPANISH AMERICAN NARRATIVE	3 u	
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 units of 300 level courses in Spanish.		
SPANISH 484 WOMEN WRITERS OF SPAIN AND THE AMERICAS	3 u	
This course introduces students to literary production of women writers from Spain/Latin America (XVI century-present). Exposed to various themes and writing styles, students will engage in textual analysis and critical discussion to reflect on the authors' cultural and historic challenges, and about the historical and social impact of their works.		
Prereq: Nine credits of 300 or 400-level Spanish or consent of instructor		
SPANISH 490/690 WORKSHOP	1-3 u	
Repeatable.		
SPANISH 491/691 TRAVEL STUDY	Repeatable 1-3 u	
Prereq: Consent of department		
SPANISH 493 INTERNSHIP IN SPANISH	1-3 u	
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable for a maximum of 6 units in major/degree. Satisfactory/No Credit Grade Basis Only.		
Prereq: Six units of Spanish at the 300 or 400-level, and consent of department.		
SPANISH 494/694 SEMINAR	1-3 u	
SPANISH 496/696 SPECIAL STUDIES	1-3 u	
Repeatable. Prereq: 6 units of 300 level courses in Spanish or consent of instructor.		
SPANISH 497 EXCHANGE STUDY	Repeatable 1-12 u	

SPANISH 498 INDEPENDENT STUDY 1-3 u
Repeatable for a maximum of 6 units in major/degree. Prereq: Major or minor in Spanish and approval of department.

SPANISH 499 THESIS 1-3 u
Open only to Spanish majors.
Prereq: Junior or Senior status

ENGLISH AS A SECOND LANGUAGE

ESL 310/510 SURVEY OF EDUCATIONAL LINGUISTICS 3 u

In Survey of Educational Linguistics, students will examine certain core areas of linguistics (phonology, morphology and syntax), with special attention to language acquisition. Course assignments will relate to the teaching of linguistically diverse communities.

Prereq: ENGLISH 101 and ENGLISH 102 or consent of instructor
Unreq: CIGENRL 310/510

ESL 320/520 THE SPOKEN LANGUAGE AND DISCOURSE ANALYSIS 3 u

In The Spoken Language & Discourse Analysis, students will develop working knowledge of contemporary issues in the teaching of oral communication (speaking and listening skills) to learners of ESL. Linguistic principles studied are also pertinent for those teaching foreign languages.

Prereq: ENGLISH 101 and ENGLISH 102 or ENGLISH 161 and ENGLISH 162 and ENGLISH 281 or special permission from the instructor.
Unreq: CIGENRL 320/520

ESL 330/530 TEACHING GRAMMAR IN THE ESL/BE CLASSROOM 3 u

Teaching Grammar in the ESL/BE Classroom is a component of the licensure minor in Teaching ESL/Bilingual-Bicultural Education. This course prepares teachers to instruct non-native learners in English grammar. Students examine selected grammatical topics to better comprehend the structure of English and to develop a repertoire of techniques for teaching them.

Prereq: ENGLISH 101 and ENGLISH 102 and Admission to the College of Education or consent of instructor
Unreq: CIGENRL 330/530

ESL 350/550 INTRODUCTION TO ESL AND BILINGUAL-BICULTURAL EDUCATION 3 u

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: CIGENRL 350/550, SECNDED 350/550

ESL 354/554 SEMINAR IN ESL AND BILINGUAL EDUCATION 3 u

In the Seminar in ESL and Bilingual Education, students meet to reflect upon the relationship between program content and contemporary issues in the educational and socio-political experiences of linguistically diverse communities in the region and state. Rotating themes include family, community and cultural change.

Coreq: first term - CIGENRL 350/550, second term - ESL 320/520 or ESL 330/530 or ESL 403/604, third term - CIFLD 492
Unreq: CIGENRL 354/554

ESL 403/603 ESL METHODS AND CURRICULUM 3 u

ESL Curricula and Materials will provide students with the background to develop or select appropriate curricula and to design materials which enhance language learning. The approach to curricular design and materials development is one that is learner centered.

Prereq: ENGLISH 101, ENGLISH 102, ENGLISH 281 and ESL 301.
Unreq: CIGENRL 403/603

ESL 405/605 ASSESSMENT IN THE ESL/ BILINGUAL CLASSROOM 3 u

This course explores policies, procedures, and instruments used to assess English language proficiency and academic achievement of limited English

proficient students in American public schools. Included in this are the areas of English and native language competence; program placement, progress, and exit; alternative assessments in ESL, bilingual and mainstream classrooms.
Prereq: Admission to the College of Education or consent of instructor
Unreq: CIGENRL 405/605

ESL 455/655 TEACHING CONTENT IN THE BILINGUAL CLASSROOM 3 u

This course is an examination of various techniques and materials being used to teach content area subject matter in ESL/bilingual education programs. Other topics of discussion include language assessment and adaptation of materials to the learner's language proficiency and cultural experience. The course is taught in English, but discussion will take place in other languages so that students have the opportunity to expand and improve their command of the language used as a medium of instruction.

Unreq: CIGENRL 455/655, SECNDED 455/655

ESL 493/693 APPLIED STUDY IN ESL 1-6 u

Applied Study in ESL is a 1-6 variable unit course for students minoring in TESL. Students would enroll for at least 2 units. Through working with English language learners with a variety of backgrounds, such as: UW-Whitewater international students enrolled in ENGLISH 161 or ENGLISH 162, employees of local businesses, parents of children in the Whitewater schools, or other appropriate groups, students will put to practical use the teaching skills they have developed through other courses in the minor. Repeatable for a maximum of 6 units in minor.

Prereq: ENGLISH 101, ENGLISH 102, ENGLISH 281 and ESL 301.

ESL 496/696 SPECIAL STUDIES *Repeatable.* 1-3 u

PROGRAM OF MANAGEMENT COMPUTER SYSTEMS

Phone: 262-472-1467

E-Mail: mcs@uwm.edu

Faculty/Staff: Paul Ambrose, Choton Basu, Athula Gunawardena, Robert Horton, Jonathan Kane, Robert Leitheiser, David Munro, Hien Nguyen, George Sargent, Zhengzn Shi, Robert Siemann.

The Management Computer Systems (MCS) major is an interdisciplinary program combining faculty from Information Technology and Business Education in the College of Business and Economics with their colleagues from the Department of Mathematical and Computer Sciences 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, and software design with a strong background in business. Typical entry level positions include programmer, programmer/analyst, systems analyst and consultant. 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 (BBA)

MAJOR - 27 UNITS

1. MCS 214, MCS 220, MCS 231, MCS 314, MCS 325, MCS 331, MCS 425 AND MCS 431
(NOTE: COMPSCI 181 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 214 AND COMPSCI 172 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 220).
2. SELECT 3 UNITS FROM COURSES
COMPSCI 271, COMPSCI 302, COMPSCI 322, COMPSCI 370, COMPSCI 382, COMPSCI 412, COMPSCI 433, COMPSCI 434, COMPSCI 481, COMPSCI 482, MATH 471, ITBE 380, ITBE 385, MCS 232, MCS 391, MCS 475, MCS 485, MCS 496 AND MCS 498,

MANGEMNT 460

UNIQUE REQUIREMENT

CALCULUS - 3-5 UNITS

1. SELECT 1 COURSE

MATH 243, MATH 250, MATH 253

Transfer grades are included in determining eligibility for MCS courses.

MANAGEMENT COMPUTER SYSTEMS (BS)

MAJOR - 42 UNITS

1. ACCOUNT 244, ACCOUNT 249, MCS 214, MCS 220 AND MCS 231 (NOTE: COMPSCI 181 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 214 AND COMPSCI 172 MUST BE TAKEN OR WAIVED BEFORE ENROLLING IN MCS 220)
2. MCS 314, MCS 325, MCS 331, MCS 425 AND MCS 431
3. SELECT 9 UNITS FROM COURSES:
ECON 354, FNBSLW 341, FNBSLW 344,
MANGEMNT 301, MANGEMNT 306, MANGEMNT 310 OR
MARKETING 311
4. SELECT 3 UNITS FROM COURSES
COMPSCI 271, COMPSCI 302, COMPSCI 322, COMPSCI 332,
COMPSCI 382, COMPSCI 412, COMPSCI 433, COMPSCI 434,
COMPSCI 481, COMPSCI 482, MATH 471, ITBE 380, ITBE 385,
MCS 232, MCS 391, MCS 475, MCS 485, MCS 496 AND MCS 498,
MANGEMNT 460

UNIQUE REQUIREMENTS - 6 UNITS

CALCULUS

1. SELECT 1 COURSE: MATH 243, MATH 250, MATH 253

STATISTICS

1. SELECT 1 COURSE: MATH 231, MATH 342, OR ECON 245

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Transfer grades are included in determining eligibility for MCS courses. A minimum combined transfer and UW-Whitewater GPA of 2.5 overall and in the major is required for graduation.

COURSE DESCRIPTIONS**MCS 214 INFORMATION TECHNOLOGY CONCEPTS AND PRACTICE 3 u**

A survey course that covers the use of information technology in organizations, the processes used to create and manage information technologies, and the impact of information technology on individuals, organizations, the economy and society. Students learn how to do systems analysis, data modeling, system and database design, database queries, and construction and testing of a database application as part of a systems development life cycle.

Prereq: COMPSCI 181 or ITBE 280 and a combined cumulative gpa of 2.50

MCS 220 CONCEPTS OF PROGRAMMING 3 u

This course teaches students professional software development using object-oriented program design and the Java programming language. Coverage includes correct business programming style and documentation, program debugging and testing, database and file processing, event-handling, and graphical user interfaces.

Prereq: COMPSCI 172 or COMPSCI 174 and a combined cumulative gpa of 2.50. Unreq: COMPSCI 222

MCS 231 CONCEPTS OF DATA STRUCTURES 3 u

This course is an introduction to data structures, using the Java programming language. It covers static and dynamic implementations of data structures including lists, stacks, queues and trees. It emphasizes object-oriented design and programming methodology, including inheritance and polymorphism, and applies these in the development of large programming projects.

Prereq: MCS 220 or COMPSCI 222 and a combined cumulative gpa of 2.50. Unreq: COMPSCI 223

MCS 232 CONCEPTS OF COBOL WITH FILE STRUCTURES 3 u

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 future study of database and information systems. Sequential, indexed, and relative files are discussed. Hashing and the implementation of complex file structures is discussed. Students act as maintenance programmers updating and modifying existing programs.

Prereq: MCS 231 and a combined cumulative gpa of 2.50.

MCS 314 ADVANCED DATABASE DESIGN AND ADMINISTRATION 3 u

This course covers advanced topics in database analysis, design, access, integrity control, and implementation as well as a variety of emerging topics. The course is intended for students who already have a good understanding of database systems and relational database concepts.

Prereq: MCS 214 and a combined cumulative gpa of 2.50

MCS 325 WEB DEVELOPMENT I 3 u

This course will give students familiarity with client/server computing in a two/three-tiered Internet environment. This includes the development of dynamic web pages to exchange data with relational database management systems using scripting technologies. Students will use an event-driven, object-oriented programming language to construct ActiveX components that connect with database servers. The course will also explore basic networking concepts.

Prereq: MCS 214, MCS 231 and a combined cumulative gpa of 2.50.

MCS 331 SYSTEMS ANALYSIS AND DESIGN 1 3 u

In this course, the student learns to analyze the business organization as a system, to structure both the information and processes of a business or organization, and to complete the systems development process through the logical design phase. The course utilizes an object-oriented methodology for the systems development process. The student begins a team project that is completed in MCS 431.

Prereq: MCS 214 and a combined cumulative gpa of 2.50.

MCS 391 MCS COOPERATIVE PROGRAM 3 u

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 a combined cumulative gpa of 2.50

MCS 425 WEB DEVELOPMENT 2 3 u

This course teaches students how to develop Web applications using Java technologies. The course focuses on design and implementation of distributed applications for the Internet and/or intranets. Topics include object-oriented distributed systems and technologies, database access, security, advanced Java programming, and technical design issues for e-Commerce systems.

Prereq: MCS 220 or COMPSCI 222, MCS 325, MCS 314 and a combined cumulative gpa of 2.50

MCS 431 SYSTEMS ANALYSIS AND DESIGN 2 3 u

This course is a study of the principles and activities associated with the physical design and implementation of computer based information systems using object oriented methodologies. It includes object-oriented decomposition, system testing, documentation, system security, conversion and implementation. The student completes the team project started in MCS 331.

Coreq: MCS 425; Prereq: MCS 314, MCS 331, MCS 231 or COMPSCI 223 and a combined cumulative gpa of 2.50.

MCS 475 NETWORK ENGINEERING 3 u

This class will explore the OSI (Open Systems Interconnection) networking model, standard networking protocols, and network architecture including implementation, administration and maintenance. Students will also gain "hands-on" networking experience by installing and setting up a network operating system, building a small LAN, and managing network servers.

Prereq: MCS 325, MCS 231 or COMPSCI 223 and a combined cumulative gpa of 2.50. Unreq: COMPSCI 475.

MCS 485 PROJECT**1-3 u**

This course provides students with the opportunity to participate on a student project team under the management of a faculty member and industry practitioners. The project will be sponsored by a partnering business firm and may involve a wide array of technologies, functional areas and geographically dispersed teammates. This course will only be offered when projects are available. Students will be carefully chosen through an interview process. The number of credits will be determined by the complexity of the project and the level of student involvement.

Prereq: consent of department and a combined cumulative gpa of 2.50

MCS 496 SPECIAL STUDIES**3 u**

Repeatable for a maximum of 9 units in degree. Prereq: Consent of instructor and a combined cumulative gpa of 2.50.

MCS 497 EXCHANGE STUDY*Repeatable***1-12 u****MCS 498 INDEPENDENT STUDIES****1-3 u**

Repeatable. Prereq: Approval of the MCS Coordinator and the faculty member supervising the course. Completion of at least four MCS core courses and a combined cumulative gpa of 2.50

DEPARTMENT OF MATHEMATICAL AND COMPUTER SCIENCES

Phone: 262-472-1313 E-Mail: mathcmprsci@uwm.edu

Faculty: Mohammad Ahmadi, Leon Arriola, Malvina Baica, Corey Bruns, Xeuqing Chen, Thomas Drucker, Fe Evangelista, Pawel Felcyn, Athula Gunawardena, Angela Harlan, Robert Horton, Jonathan Kane, Peter Lampe, Julie Letellier (Chair), Jiehu Ma, Thomas McFarland, William Mickelson, Lopa Mukherjee, Ki-Bong Nam, Hien Nguyen, Gado Ongwela, Chilukuri Rao, Geetha Samaranyake, Sobitha Samaranyake, Zhengnan Shi, Robert Siemann, Joan Stamm, Tamas Szabo.

MATHEMATICS

Mathematics has traditionally been the language of science and now plays a vital role in the social sciences and business as well. Every field in which quantitative activity is found requires that its workers have good backgrounds in mathematics. A student well-versed in mathematics will find their skills of use in almost any profession.

Although mathematics is studied for its applications, it also attracts many who are interested in its aesthetic and creative side. A study of mathematics improves one's ability to think about abstract concepts, to conceptualize about hypothetical structures, to reach logical conclusions, and to consider many solution techniques when problem solving.

MAJORS/EMPHASES

The Department of Mathematical and Computer Sciences offers several distinct emphases for a degree in mathematics: PURE MATHEMATICS, MATHEMATICS STATISTICS, COMPUTER MATHEMATICS, APPLIED MATHEMATICS, and MATHEMATICS FOR SECONDARY EDUCATION (BSE). A student interested in pursuing graduate work in mathematics or combining their mathematics major with a second major or emphasis in music, art, or language would be interested in the PURE MATHEMATICS emphasis. A student interested in a career as a statistician, an actuary, a demographer, or a specialist in marketing, quality control, or economics would be interested in the MATHEMATICS STATISTICS emphasis. A student interested in the mathematical basis for computer science would be interested in the COMPUTER MATHEMATICS emphasis. A student interested in a career as a mathematics educator at the secondary school level would be interested in the MATHEMATICS FOR SECONDARY EDUCATION emphasis. A student interested in using the tools of mathematics to solve applied problems common in the sciences, engineering, and social sciences might be interested in the APPLIED MATHEMATICS emphasis. Each emphasis (except the Applied Mathematics emphasis) requires the completion of the following

core courses.

MATHEMATICS MAJOR CORE COURSES (25 UNITS)

MATH 253, MATH 254, MATH 255, MATH 280, MATH 301, MATH 355, MATH 452

APPLIED MATHEMATICS EMPHASIS (BA/BS)

MAJOR - 37 UNITS

1. MATH 253, MATH 254, MATH 255, MATH 280, MATH 301, MATH 355
2. MATH 361, MATH 458, MATH 459, MATH 463, MATH 471

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 UNITS

1. COMPSCI 171

WRITING REQUIREMENT - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372

PURE MATHEMATICS EMPHASIS (BA/BS)

MAJOR - 37 UNITS

1. Completion of the core.
2. MATH 361, MATH 417, MATH 453, MATH 464

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 UNITS

1. COMPSCI 171 OR COMPSCI 172

WRITING REQUIREMENT - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372

MATHEMATICS STATISTICS EMPHASIS (BA/BS)

MAJOR - 38 UNITS

1. Completion of the core
2. MATH 342, MATH 441, MATH 442, MATH 446

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 UNITS

1. COMPSCI 171 OR COMPSCI 172

WRITING REQUIREMENT - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372

Students in this emphasis are encouraged to take courses in economics, accounting, and insurance offered in the College of Business and Economics. One suggested way of accomplishing this is by completing the Actuarial Mathematics minor.

COMPUTER MATHEMATICS EMPHASIS (BA/BS)

MAJOR - 37 UNITS

1. COMPLETION OF CORE
2. COMPSCI 322, COMPSCI 433, COMPSCI 434, MATH 471

UNIQUE COMPUTER SCIENCE REQUIREMENT - 3 UNITS

1. COMPSCI 172

WRITING REQUIREMENT - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372

Students in this emphasis are encouraged to take additional courses in computer science, especially MCS 231.

MATHEMATICS FOR SECONDARY EDUCATION (BSE)

LICENSURE - 38 UNITS

1. SPECED 205
2. FOUNDATIONS BLOCK:
EDFOUND 243 OR EDFOUND 212, AND EDFNDPRC 210

3. EDFOUND 245
4. METHODS BLOCK
 - A. SECNDED 428 AND SECNDED 466
 - B. SELECT 3 UNITS FROM CIFLD 492
5. STUDENT TEACHING
 - SELECT 2 UNITS FROM CIFLD 402 AND 12 UNITS FROM CIFLD 414 OR SELECT 2 UNITS FROM CIFLD 404 AND 12 UNITS FROM CIFLD 412

MAJOR - 39 UNITS

1. COMPLETION OF THE CORE.
2. MATH 353, MATH 359, MATH 441, MATH 453

WRITING REQUIREMENT - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372

AN APPROVED MINOR IS REQUIRED FOR EACH OF THE FIVE PRECEDING EMPHASES

Each of the preceding emphases requires the completion of an exit interview and the ETS Major Fields Test.

MINORS/EMPHASES

MATHEMATICS

MINOR - 22 UNITS

1. MATH 253, MATH 254, MATH 255 AND MATH 280
2. SELECT 6 ELECTIVE MATH UNITS IN COURSES NUMBERED 300 OR HIGHER EXCEPT MATH 375.

ACTUARIAL MATHEMATICS

MINOR - 24 UNITS

1. ACCOUNT 244, ACCOUNT 249, COMPSI 172, COMPSI 181, ECON 201, ECON 202, FNBSLW 446, FNBSLW 464

UNIQUE REQUIREMENT:

1. MATH 255, MATH 280, MATH 441

MATHEMATICS: SECONDARY EDUCATION EMPHASIS

MINOR - 24 UNITS

1. MATH 253, MATH 254, MATH 280, MATH 342 AND MATH 353
2. SELECT 1 COURSE FROM MATH 355 OR MATH 452

MATHEMATICS: ELEMENTARY EDUCATION EMPHASIS

MINOR - 23 UNITS

1. MATH 152, MATH 231, MATH 352, MATH 370, MATH 375, MATH 415 AND MATH 416

A student with a strong high school background in mathematics, and on the recommendation of the Department Chair, may waive MATH 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 MATH 40 and MATH 41 may not be taken by those who have successfully completed, are taking, or have had waived any course numbered MATH 140 or above. A student may not register for MATH 143 if MATH 152 or any course beyond MATH 152 has been completed unless departmental approval is obtained. A student may not receive credit for both MATH 243 and MATH 250, MATH 243 and MATH 253, or for both MATH 250 and MATH 253. Those who do well (A or B) in MATH 243 and desire more calculus should elect MATH 253 (even though credit cannot be earned for both courses). Those who do well (A or B) in MATH 250 and desire more calculus should elect MATH 254. Anyone anticipating a mathematics major or minor is advised to take MATH 253. If

a student who has completed MATH 250 wants to change to a mathematics major or minor, MATH 254 may be taken provided the student earned at least a B in MATH 250 and has the consent of the Department Chair. A student with less than a B in MATH 250 should take MATH 253 even though credit will be given for only one of the courses MATH 250 or MATH 253. Anyone going from MATH 250 to MATH 254 should be aware of the trigonometry and rigor stressed in MATH 253. All students seeking initial registration in any course in the calculus sequence MATH 253 through MATH 255 who have not completed MATH 152 must consult with the Department Chair. All students seeking to count MATH 250 as part of their mathematics major or minor must consult with the Department Chair.

Students may not receive credit for both MATH 415 and MATH 452. MATH 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, with the exception of the Mathematics Computer Emphasis major. Courses listed in both computer science and in mathematics may not be used for credit in both areas.

COURSE DESCRIPTIONS

MATH 040 PRE-ALGEBRA

3 u

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 units required for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis. Students may not take this course for credit if they place into, are enrolled in or have already received credit for a higher-numbered math course.

MATH 041 BEGINNING ALGEBRA

4 u

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 units necessary for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis.

Prereq: MATH 040 or equivalent demonstration of capability. Students may not take this course for credit if they place into, are enrolled in or have already received credit for a higher-numbered math course.

MATH 140 MATHEMATICAL IDEAS (*Proficiency*)

3 u

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 MATH 141 as a prerequisite. Prereq: Satisfactory completion of MATH 041, with a grade of C or better, or demonstration of equivalent capability. Students may not take this course for credit if they place into, are enrolled in or have already received credit for a higher-numbered math course.

Unreq: MATH 141

MATH 141 INTERMEDIATE ALGEBRA

(*Proficiency*) 4 u

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 MATH 143 or MATH 152. Students may not take this course for credit if they place into, are enrolled in or have already received credit for a higher-numbered math course.

Prereq: Satisfactory completion of MATH 041 with a grade of C or better, or demonstration of equivalent capability.

LETTERS AND SCIENCES

MATH 143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES *GM* 3 u

Mathematical preparation for the understanding of various quantitative methods in modern management and social sciences. Topics include 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 MATH 141.

MATH 148 MATHEMATICS FOR THE ELEMENTARY TEACHER I *GM* 3 u

A study of sets, whole numbers, fractions, integers, decimals and real numbers, basic arithmetic operations and their properties, standard and alternative algorithms and estimations strategies; problem-solving, proportional reasoning, and algebraic thinking. Manipulatives and cooperative learning activities are used throughout the course. For elementary education majors. Prereq: A grade of C or better in MATH 141 or a waiver from the University Mathematics Proficiency requirement.

MATH 149 MATHEMATICS FOR THE ELEMENTARY TEACHER II 3 u

Topics in probability and statistics, with emphasis on descriptive techniques. Investigations in geometric figures, measurement, construction, transformations, congruent and similar geometric figures. Problem solving strategies, manipulatives, and cooperative learning activities are emphasized throughout the course. All students will prepare a mathematics based activity and present it at an area elementary school.

Prereq: Satisfactory completion of MATH 148 with a grade of C or better.

MATH 152 ELEMENTARY FUNCTIONS *GM* 5 u

Review of algebraic functions, inequalities, mathematical induction, theory of equations, exponential and logarithmic functions, circular functions, trigonometric identities and equations, inverse trigonometric functions, and solution of triangles.

Prereq: Waiver of or a grade of C or better in MATH 141.

MATH 177 THE LOGIC OF CHESS 1 u

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.

MATH 230 INTRODUCTORY STATISTICS *GM* 3 u

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 MATH 141. Unreq: Any other statistics course.

MATH 231 UNDERSTANDING PROBABILITY AND STATISTICS *GM* 3 u

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 MATH 143 or MATH 152. Unreq: Any other statistics course.

MATH 243 SHORT CALCULUS FOR BUSINESS AND SOCIAL SCIENCES *GM* 3 u

A general survey of the calculus. Topics covered include limits, differentiation, max-min theory, exponential and logarithmic functions, and integration. Business and social science applications are stressed.

Prereq: Completion with a grade of C or better in either of the courses MATH 143 or MATH 152. Unreq: MATH 250. Students should check

with their major department for advice on whether to take MATH 243 or MATH 250.

MATH 250 APPLIED CALCULUS SURVEY FOR BUSINESS AND THE SOCIAL SCIENCES *GM* 5 u

An applied calculus course covering elementary analytic geometry, limits, differentiation, max-min theory, exponential and logarithmic functions, integration, functions of several variables, and elementary differential equations. Some computer topics may be included.

Prerequisite: MATH 143, with a grade of C or better, or equivalent preparation as determined by the Mathematics Department. Unreq: MATH 243, MATH 253.

MATH 253 CALCULUS AND ANALYTIC GEOMETRY I *GM* 5 u

Review of algebraic and trigonometric functions, transcendental functions, limits, study of the derivative, techniques of differentiation, continuity, applications of the derivative, L' Hopital's Rule and indeterminate forms, the Riemann integral, Fundamental Theorem of Calculus, and substitution rule.

Prereq: MATH 152 with a grade of C or better or equivalent high school preparation as determined by the Mathematics Department. Unreq: MATH 243 and MATH 250.

MATH 254 CALCULUS AND ANALYTIC GEOMETRY II 5 u

Techniques of integration, applications of the integral, introduction to differential equations, polar coordinates and conic sections, and infinite sequences and series. This course includes a writing component.

Prereq: MATH 250 with a grade of B or better, or MATH 253 with a grade of C or better.

MATH 255 CALCULUS AND ANALYTIC GEOMETRY III 3 u

Solid analytic geometry, vectors and vector functions, functions of several variables, multiple integrals and their applications.

Prereq: MATH 254 with a grade of C or better.

MATH 280 DISCRETE MATHEMATICS 3 u

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: MATH 250 with a grade of B or better, or MATH 253 with a grade of C or better.

MATH 301 INTRODUCTION TO ANALYSIS 3 u

The main emphasis of this course is to introduce students to mathematical proofs. Students will learn to read and write proofs in mathematics by writing proofs of theorems about limits, sets of real numbers, and continuous functions. If time permits, other topics may include derivative and integration theorems, theory of open and closed sets, and cardinality of sets.

Prereq: MATH 255 and MATH 280

MATH 342/542 APPLIED STATISTICS 3 u

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. This course contains a writing component.

Prereq: MATH 253 or MATH 250 or cons instr. Unreq: ECON 245.

MATH 352/552 INFINITE PROCESSES FOR THE ELEMENTARY TEACHER 3 u

This course is primarily for pre-service elementary and middle school teachers. Students will be introduced to the concepts of calculus, which include infinite processes, limits, and continuity. In addition, derivatives and integrals, and their relationship to area and change, will be covered.

Prereq: MATH 152

MATH 353 COLLEGE GEOMETRY 5 u

The topics included in this course are foundations of Euclidean geometry,

Euclidean transformational geometry, modern synthetic geometry that builds on Euclidean geometry, selected finite geometries, and an introduction to non-Euclidean and projective geometry, including their relationship to Euclidean geometry. Although the course is adapted to the prospective teacher of geometry, it will also meet the needs of those in other majors needing a background in geometry. Standards and guidelines of appropriate national and local bodies will be implemented.

Prereq: MATH 253 and MATH 280 or consent of instructor.

MATH 355/555 MATRICES AND LINEAR ALGEBRA 3 u

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: MATH 250 or MATH 253.

MATH 359 MATHEMATICAL MODELING & STATISTICS 3 u

An introduction to mathematical modeling and descriptive statistics. Students will develop the basic skills of formulation, simplification, and analysis of mathematical models for describing and predicting physical phenomena. The basic tools of descriptive statistics will also be introduced; the use of descriptive statistics in formulating and interpreting mathematical models will be emphasized. This course contains a writing component.

Prereq: MATH 255 or consent of instructor.

MATH 361 DIFFERENTIAL EQUATIONS 3 u

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: MATH 255.

MATH 370/570 PROBLEM SOLVING FOR THE ELEMENTARY TEACHER 3 u

This course is primarily for pre-service elementary and middle school teachers. Students will learn a variety of problem solving strategies applicable in elementary and middle school. The applications will cover many different areas of mathematics.

Prereq: MATH 149

MATH 375/575 DEVELOPMENT OF MATHEMATICS 3 u

A study of the development of mathematical notation and ideas from prehistoric times to the present. Periods and topics will be chosen corresponding to the backgrounds and interests of the students.

Prereq: MATH 152 or cons instr.

MATH 415/615 MODERN ALGEBRA AND NUMBER THEORY FOR THE ELEMENTARY TEACHER 3 u

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: MATH 149 and MATH 152. Unreq: MATH 452.

MATH 416/616 GEOMETRY FOR THE ELEMENTARY TEACHER 3 u

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: MATH 149 and MATH 152

MATH 417/617 THEORY OF NUMBERS 3 u

A study of the properties of integers, representation of integers in a given base, properties of primes, arithmetic functions, and module arithmetic. Diophantine equations and quadratic residues. Consideration is also given to some famous problems in number theory.

Prereq: MATH 280 or MATH 415 or cons instr.

MATH 431/631 TOPOLOGY 3 u

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: MATH 255 and either MATH 280 or cons instr.

MATH 441/641 PROBABILITY THEORY 3 u

Probability spaces, discrete and continuous random variables, mathematical exception, discrete and continuous distributions.

Prereq: MATH 255 and either MATH 280 or cons instr.

MATH 442/642 MATHEMATICAL STATISTICS 4 u

This course will cover moment generating functions, moments of linear combinations of random variables, conditional expectation, functions of random variables, sampling distributions, the theory of estimation, Bayesian estimation, hypothesis testing, nonparametric tests, and linear models.

Prereq: MATH 441 and either MATH 355 or cons instr.

MATH 446/646 ACTUARIAL MATHEMATICS 3 u

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: MATH 441 or concurrent registration

MATH 449 ACTUARIAL EXAMINATION PREPARATION 1 u

Designed for students preparing to take either the first (probability) or second (interest theory) actuarial examination, the course will review the mathematics required for the examination and bring the student through a series of exercises designed to give them the required training to pass their examination.

Prereq: MATH 441

MATH 452/652 INTRODUCTION TO ABSTRACT ALGEBRA 3 u

An introductory survey of abstract algebra and number theory with emphasis on the development and study of the number systems of integers, integers mod n , rationals, real, and complex numbers. These offer examples of and motivation for the study of the classical algebraic structures of groups, rings, integral domains and fields. Applications to algebraic coding theory and crystallography will be developed if time allows.

Prereq: MATH 280.

Unreq: MATH 415.

MATH 453/653 ABSTRACT ALGEBRA 3 u

This course is a continuation of MATH 452/652 with emphasis on ring and field theory. Topics include a review of group theory, polynomial rings, divisibility in integral domains, vector spaces, extension fields, algebraic extension fields, finite fields, etc.

Prereq: MATH 355 and MATH 452.

MATH 458/658 APPLIED MATHEMATICAL ANALYSIS 3 u

Selected topics in ordinary differential equations: series solutions, stability, transform methods, special functions, numerical methods, vector differential calculus, line and surface integrals.

Prereq: MATH 361.

MATH 459/659 PARTIAL DIFFERENTIAL EQUATIONS 3 u

Fourier analysis, partial differential equations and boundary value problems, complex variables, and potential theory.

Prereq: MATH 361.

MATH 463 COMPLEX VARIABLES 3 u

This course is a study of the algebra and geometry of complex numbers, the properties of analytic functions, contour integration, the calculus of residues, and the properties of power series.

Prereq: MATH 255

MATH 464/664 ADVANCED CALCULUS 3 u

This course presents a rigorous treatment of the differential and integral calculus of single variable functions, convergence theory of numerical sequences and series, uniform convergence theory of sequences and series of functions, metric spaces, functions of several real variables, and the inverse function theorem. This course contains a writing component.

Prereq: MATH 301.

MATH 471 NUMERICAL ANALYSIS **3 u**
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. This course contains a writing component.
Prereq: COMPSCI 171 and MATH 355.

MATH 490/690 WORKSHOP *Repeatable* **1-3 u**
Prereq: Consent of instructor.

MATH 492 FIELD STUDY **1-3 u**
A study for which data is obtained or observations are made outside the regular classroom. Repeatable.
Prereq: Consent of instructor.

MATH 494/694 SEMINAR **2 u**
Repeatable. Prereq: Consent of instructor.

MATH 496/696 SPECIAL STUDIES **1-3 u**
Repeatable three times maximum in 6 years. Prereq: Consent of instructor.

MATH 497 EXCHANGE STUDY **1-12 u**

MATH 498 INDEPENDENT STUDY **1-3 u**
Repeatable. Prereq: Consent of instructor and consent of department chairperson.

MATH 498R INDEPENDENT STUDY *Repeatable* **1-3 u**
UNDERGRADUATE RESEARCH
Study of a selected topic or topics under the direction of a faculty member.
Prereq: Department Consent required.

MATH 499 PROJECT FOR MAJORS **1 u**
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 the study of modern computers including their design, applications, programming and theoretical limitations. Since computers are now used in virtually every business, governmental agency, educational institution, and research enterprise, students who obtain a background in computer science position themselves well to be technology experts in almost any profession. For half a century computing machinery and software applications have gone through very rapid evolution which continues today. Computer science specialists are particularly well prepared to understand and adapt to the continuing changes in the field.

Minors in computer science can specialize in computer programming, web development, scientific applications, or the theoretical underpinnings of algorithms and computation.

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. The web site development and administration minor provides training in the technical back-end of modern web sites, and equips students to form the technical core of web design team.

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.

MINORS/EMPHASES

COMPUTER SCIENCE

MINOR - 23 UNITS

1. COMPSCI 172, COMPSCI 271
2. MCS 220 OR ANY COMPSCI COURSE NUMBERED 300 OR ABOVE
3. MCS 231 OR ANY COMPSCI COURSE NUMBERED 300 OR ABOVE
4. 11 ELECTIVE UNITS SELECTED FROM THE FOLLOWING: ANY COMPUTER SCIENCE COURSE NUMBERED 300 OR ABOVE; ANY MANAGEMENT COMPUTER SYSTEMS COURSE; MATH 280, SECNDED 442 (SECNDED 442 IS RESTRICTED TO STUDENTS SEEKING A BSE DEGREE, STUDENTS SEEKING CERTIFICATION TO TEACH COMPUTER SCIENCE ARE REQUIRED TO TAKE THIS COURSE).

UNIQUE REQUIREMENT:

1. MCS 220, MCS 231

WEB SITE DEVELOPMENT AND ADMINISTRATION

MINOR - 24 UNITS

1. MAGD 210
2. COMPSCI 172 AND COMPSCI 181
3. MCS 231 OR ANY COMPSCI COURSE NUMBERED 300 OR ABOVE
4. COMPSCI 381, COMPSCI 382, COMPSCI 481 AND COMPSCI 482

UNIQUE REQUIREMENT: MCS 231

CERTIFICATE

WEB SITE DEVELOPMENT AND ADMINISTRATION

CERTIFICATE - 15 UNITS

1. MAGD 210
2. COMPSCI 181, COMPSCI 381, COMPSCI 382
3. COMPSCI 481 OR COMPSCI 482

COURSE DESCRIPTIONS

COMPSCI 162 COMPUTER APPLICATIONS *GM* **3 u**
A thorough introduction to using computers covering word processing, spreadsheets, data storage and retrieval, computer graphics and applications, uses of computers, e-mail and the Internet, hardware, history, and problems arising from the use of computers.
Prereq: MATH 140 or MATH 141 or concurrent registration or waiver from the University Mathematics Proficiency Requirement.

COMPSCI 171 INTRODUCTION TO PROGRAMMING *GM* **3 u**

An introduction to computer programming and its applications to science, business and education. Opportunity for extensive experience in designing and writing structured programs in the Visual Basic language.
Prereq: MATH 141 or waiver of MATH 141

COMPSCI 172 INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING IN JAVA *GM* **3 u**

This course will give students the essentials of object-oriented programming in Java. Students will learn to formulate algorithms, to solve problems and to implement those solutions with a Java program that employs objects and classes. The student will be introduced to object-oriented design, applications, and applets, class construction, methods and message passing, arrays, string-

processing, file processing, and some event-handling and Graphical User Interface programming. This course is designed for students with some prior programming experience.

Prereq: COMPSCI 171 and either MATH 152 or MATH 143 or Calculus placement or consent of instructor.

COMPSCI 174 INTRODUCTION TO C++ *GM* 3 u

This course teaches basic programming skills using the structured high-level language C++. Topics include basic input and output, declaration and use of variables, use of control statements, implementation of functions using value and reference parameters, arrays, and structures. Students will write moderately complex applications using C++.

Prereq: COMPSCI 171 and either MATH 152 or MATH 143 or Calculus placement or consent of instructor

COMPSCI 181 INTRODUCTION TO DATABASE *GM* 3 u AND THE WEB

This course provides the student with a comprehensive working knowledge of a modern database package including the creation of a database, construction of a wide range of queries, use of forms, and report writing features. The course also gives an introduction to the creation of World Wide Web pages using the Extended Hypertext Markup Language (XHTML).

Prereq: MATH 141 or waiver of MATH 141

COMPSCI 222 INTERMEDIATE C++ 3 u

This course will cover more advanced issues of C++, including memory management, pointers and user-defined data types. Topics will include reading and writing files, dynamic arrays, implementation of the principles of object oriented design including encapsulation, and inheritance, planning and testing. Students will write complex applications using C++.

Prereq: COMPSCI 174 Unreq: MCS 220

COMPSCI 223 ADVANCED C++ 3 u

This course covers issues of data structures, professional software development methodologies including software patterns and advanced object oriented techniques. Topics include lists, queues, stacks and trees. Complex data structure and object-oriented design technique, including inheritance and polymorphism, are applied to develop and large projects.

Prereq: COMPSCI 222; Unreq: MCS 231

COMPSCI 271 ASSEMBLY PROGRAMMING 3 u

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: COMPSCI 172

COMPSCI 302 COMPUTER LOGIC AND 3 u MICROPROCESSORS

Structure of microprocessors and microprocessor systems, programming in machine language, computer logic and logic circuits, and interfacing.

Prereq: COMPSCI 172

COMPSCI 322 COMPUTER LANGUAGES AND 3 u COMPILERS

This course is an introduction to the theory of computer languages and the construction of assemblers and compilers. Students will write a small assembler and a small compiler, and will compare features of many computer languages.

Prereq: COMPSCI 271 and either COMPSCI 372 or MCS 231

COMPSCI 332 INTRODUCTION TO ARTIFICIAL 3 u INTELLIGENCE

This course introduces basic artificial intelligence principles including simple representation schemes, problem solving paradigms, constraint propagation, search strategies and learning approaches. Knowledge representation, natural language processing, gaming, machine learning and user modeling will be explored. Students should have written moderately complex computer programs in a high level language.

Prereq: MCS 220

COMPSCI 381 JAVASCRIPT AND DHTML 3 u

JavaScript is a computer language for adding flexibility and functionality to web pages. A powerful language in its own right, it also has the capability to interact with HTML forms, browsers, Java applets, and other objects found on a web page. Students in this course will gain a thorough understanding of JavaScript, and learn to harness its abilities to manage windows, forms, events, cookies, etc.

Prereq: COMPSCI 172 and COMPSCI 181 or equivalent preparation and consent of instructor.

COMPSCI 382 PERL AND CGI SCRIPTING 3 u

Perl and CGI scripting are key to processing web forms, as well as for automating a wide range of server tasks. Perl is optimized for scanning text files, extracting information and generating reports/web pages based on the results. This course will provide a thorough introduction to the Perl language, with an emphasis on its use in processing web forms. Students will learn to manipulate data, generate dynamic web pages, control email and much more.

Prereq: COMPSCI 172 and COMPSCI 181 or equivalent preparation and consent of instructor.

COMPSCI 412/612 COMPUTER ORGANIZATION AND 3 u SYSTEM PROGRAMMING

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: COMPSCI 271 or cons instr.

COMPSCI 424 OPERATING SYSTEMS 3 u

This course covers problems encountered by computer operating systems including resource management, memory management, virtual memory, concurrent programming, and distributed systems. Algorithms are presented for deadlock, memory paging, job scheduling, memory allocation, and performance measurement. Operating systems such as WINDOWS, DOS, UNIX, VMS, and MVS are discussed.

Prereq: COMPSCI 271 and either COMPSCI 372 or MCS 231, or consent of instructor.

COMPSCI 433 THEORY OF ALGORITHMS 3 u

This course is a survey of algorithms needed for searching, sorting, pattern matching, analyzing graphs, and a variety of other problems of discrete mathematics. Analysis of algorithm efficiency and space/time tradeoffs are discussed.

Prereq: MCS 231 or both MATH 280 and COMPSCI 172

COMPSCI 434 THEORY OF COMPUTATION 3 u

This course is an introduction to the theory of computation. It discusses finite automata and Turing machines as models of computation. It includes discussions of regular sets, recursive and partially recursive functions, context free grammars, the halting problem, undecidable problems, complexity, and Np-completeness.

Prereq: MATH 280

COMPSCI 443 COMPUTER SIMULATION 3 u

This course will teach students how to simulate natural phenomena both through the writing of computer programs and by using existing computer packages. The course will contain techniques of writing simulation programs in a high level object oriented computer language to simulate real world phenomena from Physics, Chemistry, and Biology. It will survey existing software packages that lend themselves to simulation.

Prereq: MATH 253 and either COMPSCI 372 or MCS 231

COMPSCI 445 COMPUTER MODELING 3 u

This course will introduce students to analytical techniques used to develop models of systems, and to techniques and tools of applied mathematics and computing used to solve such models. Though the topics are introductory the student will see fundamental problems and appreciate the creative and innovative methods used to solve these problems. Models discussed will be chosen from Physics, Biology, Ecology, Economics, Cognitive Studies, Manufacturing and Engineering.

Prereq: MATH 355 and either COMPSCI 372 or MCS 231

MATH 471/671 NUMERICAL ANALYSIS 3 u
(See Mathematics)

COMPSCI 481 WEB SERVER AND UNIX ADMINISTRATION 3 u

This course is intended to introduce students to Web Server software and UNIX and UNIX-like operating systems from the perspective of the System Administrator. Linux, the fastest growing operating system, will be studied in detail, together with the Apache web server. Web server configuration will be studied, including optimization, security issues and virtual server administration. Additional topics will include shell programming, system monitoring, file systems and the X Windows GUI. This course will focus on common system administration duties on the Linux platform. Students will acquire competency in using shell programming skills to automate the maintenance of server activity. Emphasis will be placed on using Linux as an Internet server.
Prereq: COMPSCI 381 and COMPSCI 382 or equivalent preparation and consent of instructor.

COMPSCI 482 WEB DATABASE DEVELOPMENT 3 u

This course will introduce students to MySQL databases and PHP3 scripting on a UNIX platform. Students will create and interact with databases via the web. Topics will include SQL; creating, accessing and updating server-side databases; a variety of database-to-web interface tools; and the PHP embedded scripting language. Transactions with other database products via PHP will also be considered.

Prereq: COMPSCI 381 and COMPSCI 382 or equivalent preparation and consent of instructor.

COMPSCI 490/690 WORKSHOP *Repeatable* 1-3 u

Prereq: Consent of instructor.

COMPSCI 494 SEMINAR 2 u

Repeatable. Prereq: Consent of instructor.

COMPSCI 496/696 SPECIAL STUDIES *Repeatable* 1-3 u

Prereq: Consent of instructor.

COMPSCI 497 EXCHANGE STUDY *Repeatable* 1-12 u

COMPSCI 498 INDEPENDENT STUDY IN COMPUTER SCIENCE *Repeatable* 1-3 u

Prereq: Consent of instructor.

COMPSCI 498R INDEPENDENT STUDY UNDERGRADUATE RESEARCH *Repeatable* 1-3 u

Study of a selected topic or topics under the direction of a faculty member.
Prereq: Department Consent required.

DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES

Phone: 262-472-4775

E-Mail: philrelgn@unm.edu

Faculty: Richard Brooks, Christopher Calvert-Minor, David Cartwright, Wade Dazey (Chairperson), Martin Henn, Crista Lebens, Ann Luther, David Reinhart, Howard Ross, David Simmons.

The Department of Philosophy and Religious Studies offers a major in Liberal Studies with/without a minor; and minors in Liberal Studies, Philosophy, Philosophy Education Emphasis, and World Religions. The program descriptions are listed below.

LIBERAL STUDIES MAJOR

The Liberal Studies major is designed for students who want a broad liberal arts background and the flexibility to tailor their studies to their own needs, interests and career goals. The major encompasses study of a wide range of disciplines, including the arts, humanities, sciences and social sciences, which enable students to develop breadth of vision, a capacity for critical thinking, and a fundamental understanding of human nature, society and values. The major also fosters development of skills and abilities employers consider most important, such as problem solving, analytical thinking, interpersonal

relations and communications skills, among others. Applied minors such as those in business, Public Relations, and Legal Studies complement this major especially well.

The Liberal Studies major is particularly appropriate for non-traditional, returning and transfer students who wish to complete a degree. Every effort is made to include applicable transfer courses within the major whether they have UW-W equivalents or not, and courses scheduled to accommodate working adults.

For more information on this major, contact the Philosophy and Religious Studies Department.

LIBERAL STUDIES MAJOR WITH MINOR (BA/BS)

MAJOR - 36 UNITS

1. LIBST 201
2. LIBST 400
3. SELECT 3 UNITS FROM WRITING SKILLS COURSES
ANTHROPL 420, BIOLOGY 200, COMM 241, COMM 246, ENGLISH 11, ENGLISH 230, ENGLISH 271, ENGLISH 330, ENGLISH 370, ENGLISH 372, ENGLISH 378, ENGLISH 379, JOURNLSM, 241, JOURNLSM 243, POLISCI 302, POLISCI 418, SOCIOLOGY 420
4. SELECT 6-12 UNITS FROM AT LEAST TWO OF THE FOLLOWING CATEGORIES:
 - A. ANALYTICAL/RESEARCH COURSES
BIOLOGY 303, COMM 344, COMM 345, ECON 245, GEOGRPY 290, GEOGRPY 450, GEOGRPY 480, HISTORY 200, HISTORY 255, MATH 230, MATH 231, MATH 243, MATH 250, MATH 253, PHILSPHY 121, PHILSPHY 251, POLISCI 301, PSYCH 215, PSYCH 216, SOCIOLOGY 476
 - B. CREATIVE EXPRESSION COURSES
ANY ARTSTUDIO COURSE (EXCEPT ARTSTUDIO 180), ACINDP 151, DANCE 141, DANCE 145, DANCE 155, DANCE 243, DANCE 244, DANCE 255, DANCE 330, ENGLISH 274, ENGLISH 332, ENGLISH 373, ENGLISH 375, ENGLISH 376, ENGLISH 377, ENGLISH 472, ENGLISH 479, MAGD 210, MAGD 220, MUSED 111, MUSC 161, MUSC 162, MUSC 164, MUSC 169, MUSC 171, MUSC 269, MUSC 279, PHILSPHY 271, THEATRE 110, THEATRE 120, THEATRE 200, THEATRE 201, THEATRE 202, THEATRE 203, THEATRE 204, THEATRE 205, THEATRE 206, THEATRE 207, THEATRE 208, THEATRE 209
 - C. ORAL COMMUNICATION SKILLS COURSES
COMM 228, COMM 234, COMM 240, COMM 242, COMM 322, COMM 326, COMM 328, COMM 340, COMM 424
 - D. COMPUTER SKILLS
COMPSCI 162, COMPSCI 171, COMPSCI 181, ITBE 221, ITBE 280, ITBE 285, MCS 214, MCS 220
 - E. FOREIGN LANGUAGE SKILLS (INCLUDES ANY INTERMEDIATE LEVEL FOREIGN LANGUAGE COURSE OR SECOND FOREIGN LANGUAGE COURSE APPROVED BY ADVISOR)
5. SELECT 3-6 UNITS FROM PERSONAL AND SOCIAL RESPONSIBILITY COURSES:
INTRAUNV 246, PHILSPHY 245, PHILSPHY 247, PHILSPHY 248, PHILSPHY 261, PHILSPHY 281, PAX 200, POLISCI 463, RACCETH 380, RACEETH 393, RELIGST 302, SOCWORK 380, SOCIOLOGY 351, SOCIOLOGY 393, WOMENST 455, WOMENST 464
6. SELECT 9-15 UNITS FROM AT LEAST THREE OF THE FOLLOWING CATEGORIES
 - A. WESTERN EUROPEAN AND NORTH AMERICAN CULTURAL HERITAGE
AFRIAMR 345, AFRIAMR 397, ARTHIST 111, ARTHIST 201, ARTHIST 202, ARTHIST 203, ARTHIST 305, ARTHIST 311, ARTHIST 312, ARTHIST 313, ARTHIST 314, ARTHIST 315, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319,

- CHICANO 200, CHICANO 201, CHICANO 330, ECON 404, ENGLISH 200, ENGLISH 201, ENGLISH 202, ENGLISH 206, ENGLISH 216, ENGLISH 226, ENGLISH 236, ENGLISH 251, ENGLISH 252, ENGLISH 263, ENGLISH 264, ENGLISH 265, ENGLISH 321, ENGLISH 322, ENGLISH 341, ENGLISH 342, ENGLISH 345, ENGLISH 346, ENGLISH 347, ENGLISH 348, ENGLISH 360, ENGLISH 363, ENGLISH 368, ENGLISH 369, ENGLISH 401, ENGLISH 402, ENGLISH 404, ENGLISH 405, ENGLISH 412, ENGLISH 414, ENGLISH 416, ENGLISH 420, ENGLISH 460, ENGLISH 463, ENGLISH 464, FRENCH 340, FRENCH 350, FRENCH 451, FRENCH 452, FRENCH 481, FRENCH 482, GERMAN 350, GERMAN 451, GERMAN 452, HISTORY 154, HISTORY 155, HISTORY 351, HISTORY 352, HISTORY 353, HISTORY 354, HISTORY 355, HISTORY 363, HISTORY 367, HISTORY 375, HISTORY 377, HISTORY 422, MUSC 140, MUSC 143, MUSC 240, MUSC 245, MUSC 246, MUSC 247, MUSC 345, PHILSPHY 341, PHILSPHY 342, PHILSPHY 346, POLISCI 319, POLISCI 411, POLISCI 412, POLISCI 420, RACEETH 202, RACEETH 368, RELIGST 212, RELIGST 252, RELIGST 301, RELIGST 351, RELIGST 365, SOCIOLOGY 473, SPANISH 350, SPANISH 360, SPANISH 451, SPANISH 452, SPANISH 452, SPANISH 453, SPANISH 454, SPANISH 481, SPANISH 484, THEATRE 346, THEATRE 454, THEATRE 471, THEATRE 472, THEATRE 478, WOMENST 250, WOMENST 345, WOMENST 380
- B. SOCIETY AND IDENTITY COURSES:
AFRIAMR 100, AFRIAMR 365, AFRIAMR 396, AFRIAMR 397, ARTHIST 203, ARTHIST 317, ARTHIST 318, ARTHIST 319, CHICANO 201, ENGLISH 216, ENGLISH 263, ENGLISH 264, ENGLISH 346, ENGLISH 347, ENGLISH 360, ENGLISH 464, FRENCH 340, FRENCH 482, HISTORY 352, HISTORY 377, HISTORY 394, MUSC 247, PHILSPHY 345, PHILSPHY 365, PHILSPHY 390, POLISCI 315, POLISCI 357, POLISCI 412, POLISCI 446, RELIGST 201, SOCIOLOGY 312, SPANISH 483, COMM 232, COMM 305, COMM 326, THEATRE 346, THEATRE 478, WOMENST 280
- B. SOCIETY AND IDENTITY COURSES:
AFRIAMR 100, AFRIAMR 141, AFRIAMR 261, AFRIAMR 270, AFRIAMR 320, AFRIAMR 392, AFRIAMR 396, AMERIND 102, ANTHROPL 218, ANTHROPL 220, ANTHROPL 302, ANTHROPL 305, ANTHROPL 316, ANTHROPL 367, CHICANO 310, CHICANO 320, COMM 305, COMM 326, GEOGRPY 230, GEOGRPY 245, GEOGRPY 333, GEOGRPY 340, GEOGRPY 344, GEOGRPY 430, HISTORY 102, HISTORY 141, HISTORY 300, HISTORY 301, HISTORY 304, HISTORY 305, HISTORY 306, HISTORY 307, HISTORY 310, HISTORY 313, HISTORY 314, HISTORY 317, HISTORY 322, HISTORY 324, HISTORY 362, HISTORY 390, HISTORY 403, HISTORY 415, HISTORY 425, PHILSPHY 381, PHILSPHY 390, POLISCI 217, POLISCI 240, POLISCI 261, POLISCI 266, POLISCI 280, POLISCI 315, POLISCI 356, POLISCI 357, POLISCI 412, POLISCI 419, POLISCI 430, POLISCI 446, POLISCI 457, PSYCH 202, PSYCH 304, PSYCH 325, PSYCH 331, PSYCH 332, PSYCH 345, PSYCH 351, PSYCH 355, RACEETH 217, RACEETH 280, RACEETH 285, RELIGST 330, RELIGST 333, RELIGST 353, SOCWORK 311, SOCWORK 351, SOCIOLOGY 250, SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 285, SOCIOLOGY 302, SOCIOLOGY 315, SOCIOLOGY 321, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 342, SOCIOLOGY 345, SOCIOLOGY 352, SOCIOLOGY 353, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 370, SOCIOLOGY 379, SOCIOLOGY 380, SOCIOLOGY 392, SPANISH 483, WOMENST 100, WOMENST 240, WOMENST 245, WOMENST 280, WOMENST 303, WOMENST 320, WOMENST 350, WOMENST 370
- C. GLOBAL STUDIES COURSES (INCLUDES ANY 491 TRAVEL STUDY ABROAD COURSE APPROVED BY ADVISOR.)
AFRIAMR 365, AFRIAMR 461, ANTHROPL 310, ANTHROPL 334, ANTHROPL 350, ANTHROPL 365, ASIANST 210, ASIANST 333, ASIANST 350, ASIANST 361, ASIANST 364, ASIANST 460, ASIANST 472, ASIANST 480, ASIANST 488, ECON 359, ECON 360, ECON 401, ECON 406, ECON 431, ENGLISH 323, ENGLISH 324, ENGLISH 333, GEOGRPY 332, GEOGRPY 340, GEOGRPY 346, GEOGRPY 361, GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 368, HISTORY 130, HISTORY 131, HISTORY 135, HISTORY 150, HISTORY 326, HISTORY 336, HISTORY 337, HISTORY 338, HISTORY 340, HISTORY 342, HISTORY 343, HISTORY 346, HISTORY 347, HISTORY 371, HISTORY 372, HISTORY 376, HISTORY 385, HISTORY 386, HISTORY 394, INTRNAR 260, INTRNAR 348, INTRNAR 488, MUSC 241, POLISCI 255, POLISCI 340, POLISCI 348, POLISCI 350, POLISCI 351, POLISCI 352, POLISCI 365, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 464, POLISCI 471, POLISCI 472, POLISCI 480, RACEETH 150, RELIGST 135, RELIGST 211, RELIGST 303, RELIGST 304, RELIGST 388, SOCIOLOGY 350, SOCIOLOGY 362, SOCIOLOGY 373, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391, WOMENST 310, WOMENST 334, WOMENST 464
7. SELECT 0-6 UNITS FROM KNOWLEDGE OF THE PHYSICAL AND NATURAL WORLD COURSES
ANTHROPL 225, ASTRONOMY, BIOLOGY, CHEM, ECON 471, GEOGRPY 120, GEOGRPY 210, GEOGRPY 252, GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY 323, GEOGRPY 330, GEOGRPY 352, GEOGRPY 420, GEOGRPY 423, GEOGRPY 452, GEOLOGY, HISTORY 165, HISTORY 190, HISTORY 365, PHILSPHY 291, PHYSICS, PSYCH 301, PSYCH 305, SOCIOLOGY 319, WOMENST 365
8. SELECT 0-6 UNITS IN EXPERIENTIAL LEARNING COURSES
A. INTERNSHIP: LIBST 493 OR APPROPRIATE DEPARTMENTAL INTERNSHIP AS DETERMINED IN CONSULTATION WITH ADVISOR
B. SERVICE LEARNING: ANY COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR
C. TRAVEL STUDY: ANY INTERNATIONAL OR DOMESTIC TRAVEL STUDY COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR
D. ANY CAREER PLANNING COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR
- DISTRIBUTIONAL REQUIREMENTS
1. MAJOR MUST INCLUDE AT LEAST 15 UNITS AT THE 300/400 LEVEL. COURSES USED IN THE MAJOR MAY NOT BE USED TO SATISFY UNIVERSITY REQUIREMENTS
- AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR
- LIBERAL STUDIES MAJOR WITH NO MINOR (BA/BS)**
- MAJOR - 54 UNITS
1. LIBST 201
2. LIBST 400
3. SELECT 3 UNITS FROM WRITING SKILLS COURSES
ANTHROPL 420, BIOLOGY 200, COMM 241, COMM 246, ENGLISH 111, ENGLISH 230, ENGLISH 271, ENGLISH 330, ENGLISH 370, ENGLISH 372, ENGLISH 378, ENGLISH 379, JOURNLSM 241, JOURNLSM 243, POLISCI 302, POLISCI 418, SOCIOLOGY 420
4. SELECT 6-12 UNITS FROM AT LEAST TWO OF THE FOLLOWING CATEGORIES
- A. ANALYTICAL AND RESEARCH SKILLS
BIOLOGY 303, COMM 344, COMM 345, ECON 245, GEOGRPY 290, GEOGRPY 450, GEOGRPY 480, HISTORY 200, HISTORY 255, MATH 230, MATH 231, MATH 243, MATH 250, MATH 253, PHILSPHY 121, PHILSPHY 251, POLISCI 301, PSYCH 215, PSYCH 216, SOCIOLOGY 476
- B. CREATIVE EXPRESSION SKILLS (EXCEPT ARTSTUDIO 180)
ARTSTUDIO, ACINDP 151, DANCE 141, DANCE 145, DANCE 155, DANCE 243, DANCE 244, DANCE 255, DANCE 330,

ENGLISH 274, ENGLISH 332, ENGLISH 373, ENGLISH 375, ENGLISH 376, ENGLISH 377, ENGLISH 472, ENGLISH 479, MAGD 210, MAGD 220, MUSC 111, MUSC161, MUSC 162, MUSC 164, MUSC 169, MUSC 171, MUSC 269, MUSC 279, PHILSPHY271, THEATRE 110, THEATRE 120, THEATRE 200, THEATRE 201, THEATRE 202, THEATRE 203, THEATRE 204, THEATRE 205, THEATRE 206, THEATRE 207, THEATRE 208, THEATRE 209

C. ORAL COMMUNICATION SKILLS

COMM 228, COMM 234, COMM 240, COMM 242, COMM 244, COMM 322, COMM 326, COMM 328, COM 340, COMM 424

D. COMPUTER SKILLS

COMPSCI 162, COMPSCI 171, COMPSCI 181, ITBE 221, ITBE 280, ITBE 285, MCS 214, MCS 220

E. FOREIGN LANGUAGE SKILLS (INCLUDES ANY INTERMEDIATE LEVEL FOREIGN LANGUAGE COURSE OR SECOND FOREIGN LANGUAGE COURSE APPROVED BY ADVISOR)

5. SELECT 3-6 FROM PERSONAL AND SOCIAL RESPONSIBILITY COURSES

INTRAUNV 246, PHILSPHY 245, PHILSPHY 247, PHILSPHY 248, PHILSPHY 261, PHILSPHY 281, PAX 200, POLISCI 463, RACEETH 380, RACEETH 393, RELIGST 302, SOCWORK 380, SOCIOLOGY 351, SOCIOLOGY 393, WOMENST 455, WOMENST 464

6. SELECT 12-15 UNITS FROM AT LEAST THREE OF THE FOLLOWING CATEGORIES

A. WESTERNEUROPEAN AND NORTH AMERICAN CULTURAL HERITAGES

AFRIAMR 345, AFRIAMR 397, ARTHIST 111, ARTHIST 201, ARTHIST 202, ARTHIST 203, ARTHIST 305, ARTHIST 311, ARTHIST 312, ARTHIST 313, ARTHIST 314, ARTHIST 315, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319, CHICANO 200, CHICANO 201, CHICANO 330, ECON 404, ENGLISH 200, ENGLISH 201, ENGLISH 202, ENGLISH 206, ENGLISH 216, ENGLISH 226, ENGLISH 236, ENGLISH 251, ENGLISH 252, ENGLISH 263, ENGLISH 264, ENGLISH 265, ENGLISH 321, ENGLISH 322, ENGLISH 341, ENGLISH 342, ENGLISH 345, ENGLISH 346, ENGLISH 347, ENGLISH 348, ENGLISH 360, ENGLISH 363, ENGLISH 368, ENGLISH 369, ENGLISH 401, ENGLISH 402, ENGLISH 404, ENGLISH 405, ENGLISH 412, ENGLISH 414, ENGLISH 416, ENGLISH 420, ENGLISH 460, ENGLISH 463, ENGLISH 464, FRENCH 340, FRENCH 350, FRENCH 451, FRENCH 452, FRENCH 481, FRENCH 482, GERMAN 350, GERMAN 451, GERMAN 452, HISTRY 154, HISTRY 155, HISTRY 351, HISTRY 352, HISTRY 353, HISTRY 354, HISTRY 355, HISTRY 363, HISTRY 367, HISTRY 375, HISTRY 377, HISTRY 422, MUSC 140, MUSC 143, MUSC 240, MUSC 245, MUSC 246, MUSC 247, MUSC 345, PHILSPHY 341, PHILSPHY 342, PHILSPHY 346, PHILSPHY 347, PHILSPHY 364, POLISCI 247, POLISCI 250, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 411, POLISCI 412, POLISCI 420, RACEETH 202, RACEETH 368, RELIGST 212, RELIGST 252, RELIGST 301, RELIGST 351, RELIGST 365, SOCIOLOGY 473, SPANISH 350, SPANISH 360, SPANISH 451, SPANISH 452, SPANISH 453, SPANISH 454, SPANISH 481, SPANISH 484, THEATRE 346, THEATRE 369, THEATRE 454, THEATRE 471, THEATRE 472, THEATRE 478, WOMENST 250, WOMENST 345, WOMENST 380

B. SOCIETY AND IDENTITY COURSES

AFRIAMR 100, AFRIAMR 141, AFRIAMR 261, AFRIAMR 270, AFRIAMR 320, AFRIAMR 392, AFRIAMR 396, AMERIND 102, ANTHRO 218, ANTHROPL 220, ANTHROPL 302, ANTHROPL 305, ANTHROPL 316, ANTHROPL 367, CHICANO 310, CHICANO 320, COMM 305, COMM 326, GEOGRPY 230, GEOGRPY 245, GEOGRPY 333, GEOGRPY 340, GEOGRPY 344, GEOGRPY 430, HISTRY 102, HISTRY 141, HISTRY 300,

HISTRY 301, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 310, HISTRY 313, HISTRY 314, HISTRY 317, HISTRY 322, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 403, HISTRY 415, HISTRY 425, PHILSPHY 381, PHILSPHY 390, POLISCI 217, POLISCI 240, POLISCI 261, POLISCI 266, POLISCI 280, POLISCI 315, POLISCI 356, POLISCI 357, POLISCI 412, POLISCI 419, POLISCI 430, POLISCI 446, POLISCI 457, PSYCH 202, PSYCH 304, PSYCH 325, PSYCH 331, PSYCH 332, PSYCH 345, PSYCH 351, PSYCH 355, RACEETH 217, RACEETH 280, RACEETH 285, RELIGST 330, RELIGST 333, RELIGST 353, SOCWORK 311, SOCWORK 351, SOCIOLOGY 250, SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 285, SOCIOLOGY 302, SOCIOLOGY 315, SOCIOLOGY 321, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 342, SOCIOLOGY 345, SOCIOLOGY 352, SOCIOLOGY 353, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 370, SOCIOLOGY 379, SOCIOLOGY 380, SOCIOLOGY 392, SPANISH 483, WOMENST 100, WOMENST 240, WOMENST 245, WOMENST 280, WOMENST 303, WOMENST 320, WOMENST 350, WOMENST 370

C. GLOBAL STUDIES COURSES (INCLUDES ANY 491 TRAVEL STUDY ABROAD COURSE APPROVED BY ADVISOR.)

AFRIAMR 365, AFRIAMR 461, ANTHROPL 310, ANTHROPL 334, ANTHROPL 350, ANTHROPL 365, ASIANST 210, ASIANST 333, ASIANST 350, ASIANST 361, ASIANST 364, ASIANST 460, ASIANST 472, ASIANST 480, ASIANST 488, ECON 359, ECON 360, ECON 401, ECON 406, ECON 431, ENGLISH 323, ENGLISH 324, ENGLISH 333, GEOGRPY 332, GEOGRPY 340, GEOGRPY 346, GEOGRPY 361, GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 368, HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 150, HISTRY 326, HISTRY 336, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 371, HISTRY 372, HISTRY 376, HISTRY 385, HISTRY 386, HISTRY 394, INTRNAR 260, INTRNAR 348, INTRNAR 488, MUSC 241, POLISCI 255, POLISCI 340, POLISCI 348, POLISCI 350, POLISCI 351, POLISCI 352, POLISCI 365, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 464, POLISCI 471, POLISCI 472, POLISCI 480, RACEETH 150, RELIGST 135, RELIGST 211, RELIGST 303, RELIGST 304, RELIGST 388, SOCIOLOGY 350, SOCIOLOGY 362, SOCIOLOGY 373, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391, WOMENST 310, WOMENST 334, WOMENST 464

7. SELECT 3-8 UNITS FROM KNOWLEDGE OF THE PHYSICAL AND NATURAL WORLD COURSES

ANTHROPL 225, ASTRONOMY, BIOLOGY, CHEM, ECON 471, GEOGRPY 120, GEOGRPY 210, GEOGRPY 252, GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY 323, GEOGRPY 330, GEOGRPY 352, GEOGRPY 420, GEOGRPY 423, GEOGRPY 452, GEOLOGY, HISTRY 165, HISTRY 190, HISTRY 365, PHILSPHY 291, PHYSCS, PSYCH 301, PSYCH 305, SOCIOLOGY 319, WOMENST 365

8. SELECT 0-6 UNITS IN EXPERIENTIAL LEARNING COURSES

A. INTERNSHIP: LIBST 493 OR APPROPRIATE DEPARTMENTAL INTERNSHIP AS DETERMINED IN CONSULTATION WITH ADVISOR

B. SERVICE LEARNING: ANY COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR

C. TRAVEL STUDY: ANY INTERNATIONAL OR DOMESTIC TRAVEL STUDY COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR

D. ANY CAREER PLANNING COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR

9. SELECT 12-15 UNITS WITH ADVISOR FOR THE INTEGRATIVE LEARNING FOCUS AREA, TO BRING THE TOTAL CREDITS TO 54.

DISTRIBUTIONAL REQUIREMENTS

NINE UNITS COUNTED IN THE FOCUS AREA MUST BE AT THE 300/400 LEVEL (PERSONALIZATION REQ'D); THE MAJOR MUST INCLUDE AT LEAST 15 UNITS AT THE 300/400 LEVEL IN ADDITION TO THOSE USED IN FOCUS AREA.

COURSES USED IN THE MAJOR MAY NOT BE USED IN UNIVERSITY REQUIREMENTS

LIBERAL STUDIES MINOR

MINOR - 24 UNITS

1. LIBST 201
2. SELECT 3 UNITS FROM PERSONAL AND SOCIAL RESPONSIBILITY COURSES:
INTRAUNV 246, PHILSPHY 245, PHILSPHY 247, PHILSPHY 248, PHILSPHY 261, PHILSPHY 281, PAX 300, POLISCI 463, RACEETH 380, RACEETH 393, RELIGST 302, SOCWORK 380, SOCIOLOGY 351, SOCIOLOGY 393, WOMENST 455, WOMENST 464
3. SELECT 6-9 UNITS FROM AT LEAST TWO OF THE FOLLOWING CATEGORIES
 - A. WRITING SKILLS COURSES
ANTHRPL 420, BIOLOGY 200, COMM 241, COMM 246, ENGLISH 111, ENGLISH 230, ENGLISH 271, ENGLISH 330, ENGLISH 370, ENGLISH 372, ENGLISH 378, ENGLISH 379, JOURNLSM 241, JOURNLSM 243, POLISCI 302, POLISCI 418, SOCIOLOGY 420
 - B. ANALYTICAL AND RESEARCH SKILLS
BIOLOGY 303, COMM 344, COMM 345, ECON 245, GEOGRPY 290, GEOGRPY 450, GEOGRPY 480, HISTRY 200, HISTRY 255, MATH 230, MATH 231, MATH 243, MATH 250, MATH 253, PHILSPHY 121, PHILSPHY 251, POLISCI 301, PSYCH 215, PSYCH 216, SOCIOLOGY 476
 - C. CREATIVE EXPRESSION SKILLS (EXCEPT ARTSTUDIO 180)
ARTSTUDIO, ACINDP 151, DANCE 141, DANCE 145, DANCE 155, DANCE 243, DANCE 244, DANCE 255, DANCE 330, ENGLISH 274, ENGLISH 332, ENGLISH 373, ENGLISH 375, ENGLISH 376, ENGLISH 377, ENGLISH 472, ENGLISH 479, MAGD 210, MAGD 220, MUSC161, MUSC 162, MUSC 164, MUSC 169, MUSC 171, MUSC 269, MUSC 279, PHILSPHY 271, THEATRE 110, THEATRE 120, THEATRE 200, THEATRE 201, THEATRE 202, THEATRE 203, THEATRE 204, THEATRE 205, THEATRE 206, THEATRE 207, THEATRE 208, THEATRE 209
 - D. ORAL COMMUNICATION SKILLS
COMM 228, COMM 234, COMM 240, COMM 242, COMM 244, COMM 322, COMM 326, COMM 328, COMM 340, COMM 424
 - E. COMPUTER SKILLS
COMPSCI 162, COMPSCI 171, COMPSCI 181, ITBE 221, ITBE 280, ITBE 285, MCS 214, MCS 220
4. SELECT 6-9 UNITS FROM AT LEAST TWO OF THE FOLLOWING CATEGORIES
 - A. WESTERN EUROPEAN AND NORTH AMERICAN CULTURAL HERITAGES
AFRIAMR 345, AFRIAMR 397, ARTHIST 111, ARTHIST 201, ARTHIST 202, ARTHIST 203, ARTHIST 305, ARTHIST 311, ARTHIST 312, ARTHIST 313, ARTHIST 314, ARTHIST 315, ARTHIST 316, ARTHIST 317, ARTHIST 318, ARTHIST 319, CHICANO 200, CHICANO 201, CHICANO 330, ECON 404, ENGLISH 200, ENGLISH 201, ENGLISH 202, ENGLISH 206, ENGLISH 216, ENGLISH 226, ENGLISH 236, ENGLISH 251, ENGLISH 252, ENGLISH 263, ENGLISH 264, ENGLISH 265, ENGLISH 321, ENGLISH 322, ENGLISH 341, ENGLISH 342, ENGLISH 345, ENGLISH 346, ENGLISH 347, ENGLISH 348, ENGLISH 360, ENGLISH 363, ENGLISH 368, ENGLISH 369,

ENGLISH 401, ENGLISH 402, ENGLISH 404, ENGLISH 405, ENGLISH 412, ENGLISH 414, ENGLISH 416, ENGLISH 420, ENGLISH 460, ENGLISH 463, ENGLISH 464, FRENCH 340, FRENCH 350, FRENCH 451, FRENCH 452, FRENCH 481, FRENCH 482, GERMAN 350, GERMAN 451, GERMAN 452, HISTRY 154, HISTRY 155, HISTRY 351, HISTRY 352, HISTRY 353, HISTRY 354, HISTRY 355, HISTRY 363, HISTRY 367, HISTRY 375, HISTRY 377, HISTRY 422, MUSC 140, MUSC 143, MUSC 240, MUSC 245, MUSC 246, MUSC 247, MUSC 345, PHILSPHY 341, PHILSPHY 342, PHILSPHY 346, PHILSPHY 347, PHILSPHY 364, POLISCI 247, POLISCI 250, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 411, POLISCI 412, POLISCI 420, RACEETH 202, RACEETH 368, RELIGST 212, RELIGST 252, RELIGST 301, RELIGST 351, RELIGST 365, SOCIOLOGY 473, SPANISH 350, SPANISH 360, SPANISH 451, SPANISH 452, SPANISH 453, SPANISH 454, SPANISH 481, SPANISH 484, THEATRE 346, THEATRE 369, THEATRE 454, THEATRE 471, THEATRE 472, THEATRE 478, WOMENST 250, WOMENST 345, WOMENST 380

B. SOCIETY AND IDENTITY COURSES

AFRIAMR 100, AFRIAMR 141, AFRIAMR 261, AFRIAMR 270, AFRIAMR 320, AFRIAMR 392, AFRIAMR 396, AMERIND 102, ANTHRPL 218, ANTHROPL 220, ANTHROPL 302, ANTHROPL 305, ANTHROPL 316, ANTHROPL 367, CHICANO 310, CHICANO 320, COMM 305, COMM 326, GEOGRPY 230, GEOGRPY 245, GEOGRPY 333, GEOGRPY 340, GEOGRPY 344, GEOGRPY 430, HISTRY 102, HISTRY 141, HISTRY 300, HISTRY 301, HISTRY 304, HISTRY 305, HISTRY 306, HISTRY 307, HISTRY 310, HISTRY 313, HISTRY 314, HISTRY 317, HISTRY 322, HISTRY 324, HISTRY 362, HISTRY 390, HISTRY 403, HISTRY 415, HISTRY 425, PHILSPHY 381, PHILSPHY 390, POLISCI 217, POLISCI 240, POLISCI 261, POLISCI 266, POLISCI 280, POLISCI 315, POLISCI 356, POLISCI 357, POLISCI 412, POLISCI 419, POLISCI 430, POLISCI 446, POLISCI 457, PSYCH 202, PSYCH 304, PSYCH 325, PSYCH 331, PSYCH 332, PSYCH 345, PSYCH 351, PSYCH 355, RACEETH 217, RACEETH 280, RACEETH 285, RELIGST 330, RELIGST 333, RELIGST 353, SOCWORK 311, SOCWORK 351, SOCIOLOGY 250, SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 285, SOCIOLOGY 302, SOCIOLOGY 315, SOCIOLOGY 321, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 342, SOCIOLOGY 345, SOCIOLOGY 352, SOCIOLOGY 353, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 370, SOCIOLOGY 379, SOCIOLOGY 380, SOCIOLOGY 392, SPANISH 483, WOMENST 100, WOMENST 240, WOMENST 245, WOMENST 280, WOMENST 303, WOMENST 320, WOMENST 350, WOMENST 370

C. GLOBAL STUDIES COURSES (INCLUDES ANY 491 TRAVEL STUDY ABROAD COURSE APPROVED BY ADVISOR.)

AFRIAMR 365, AFRIAMR 461, ANTHROPL 310, ANTHROPL 334, ANTHROPL 350, ANTHROPL 365, ARABIC 251, ARABIC 252, ASIANST 210, ASIANST 333, ASIANST 350, ASIANST 361, ASIANST 364, ASIANST 460, ASIANST 472, ASIANST 480, ASIANST 488, CHINESE 251, CHINESE 252, ECON 359, ECON 360, ECON 401, ECON 406, ECON 431, ENGLISH 323, ENGLISH 324, ENGLISH 333, FRENCH 251, FRENCH 252, FRENCH 321, FRENCH 322, GEOGRPY 332, GEOGRPY 340, GEOGRPY 346, GEOGRPY 361, GEOGRPY 362, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 368, GERMAN 251, GERMAN 252, GERMAN 310, GERMAN 321, GERMAN 322, HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 150, HISTRY 326, HISTRY 336, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 342, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 371, HISTRY 372, HISTRY 376, HISTRY 385, HISTRY 386, HISTRY 394, INTRNAR 260, INTRNAR 348, INTRNAR 488, MUSC 241, POLISCI 255, POLISCI 340, POLISCI 348, POLISCI 350, POLISCI 351, POLISCI 352, POLISCI 365, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 464, POLISCI 471, POLISCI 472, POLISCI 480, RACEETH 150, RELIGST 135, RELIGST 211,

- RELIGST 303, RELIGST 304, RELIGST 388, SOCIOLOGY 350, SOCIOLOGY 362, SOCIOLOGY 373, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391, SPANISH 251, SPANISH 252, SPANISH 310, SPANISH 321, SPANISH 322, WOMENST 310, WOMENST 334, WOMENST 464
5. SELECT 0-3 UNITS FROM KNOWLEDGE OF THE PHYSICAL AND NATURAL WORLD COURSES
ANTHROPL 225, ASTRONOMY, BIOLOGY, CHEM, ECON 471, GEOGRPY 120, GEOGRPY 210, GEOGRPY 252, GEOGRPY 300, GEOGRPY 310, GEOGRPY 320, GEOGRPY 323, GEOGRPY 330, GEOGRPY 352, GEOGRPY 420, GEOGRPY 423, GEOGRPY 452, GEOLGY, HISTRY 165, HISTRY 190, HISTRY 365, PHILSPHY 291, PHYSCS, PSYCH 301, PSYCH 305, SOCIOLOGY 391, WOMENST 365
 6. SELECT 0-3 UNITS IN EXPERIENTIAL LEARNING COURSES
 - A. INTERNSHIP: LIBST 493 OR APPROPRIATE DEPARTMENTAL INTERNSHIP AS DETERMINED IN CONSULTATION WITH ADVISOR
 - B. SERVICE LEARNING: ANY COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR
 - C. TRAVEL STUDY: ANY INTERNATIONAL OR DOMESTIC TRAVEL STUDY COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR
 - D. ANY CAREER PLANNING COURSE CREDITS APPROVED BY THE PROGRAM COORDINATOR

DISTRIBUTIONAL REQUIREMENTS

1. UPPER LEVEL (300-400s): SELECT AT LEAST 9 UNITS

NOTE: COURSES USED IN THE MINOR MAY NOT BE USED TO SATISFY MAJOR REQUIREMENTS OR UNIVERSITY REQUIREMENTS. NO MORE THAN FOUR COURSES FROM ANY ONE SUBJECT AREA MAY BE COUNTED IN THE MINOR. NO MORE THAN TWO COURSES FROM THE MAJOR SUBJECT AREA MAY BE COUNTED IN THE MINOR.

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.

MINORS/EMPHASES

PHILOSOPHY

MINOR - 18 UNITS

1. PHILSPHY 251
2. PHILSPHY 261 OR PHILSPHY 245
3. PHILSPHY 341 OR PHILSPHY 342 OR PHILSPHY 346 OR PHILSPHY 347
4. SELECT 3 UNITS FROM PHILOSOPHY COURSE LEVEL 300 OR 400
5. SELECT 6 ELECTIVE UNITS FROM PHILOSOPHY DEPT WHICH MAY INCLUDE INTRAUNV 246 AND RELIGST 301

PHILOSOPHY EDUCATION EMPHASIS

MINOR - 22 UNITS

1. PHILSPHY 251
2. PHILSPHY 245 OR PHILSPHY 261
3. PHILSPHY 341 OR PHILSPHY 342 OR PHILSPHY 346 OR PHILSPHY 347
4. SELECT 10 ELECTIVE UNITS FROM PHILOSOPHY DEPT WHICH MAY INCLUDE INTRAUNV 246 AND RELIGST 301
5. SELECT 3 UNITS FROM PHILOSOPHY COURSE LEVEL 300 OR 400

WORLD RELIGIONS MINOR

MINOR - 21 UNITS

1. RELIGST 211, RELIGST 212, RELIGST 301
2. SELECT 12 UNITS OF ELECTIVE COURSES TO COMPLETE A TOTAL OF 21 UNITS. AT LEAST SIX OF THE 12 ELECTIVE UNITS MUST BE IN 300/400 LEVEL COURSES AND AT LEAST SIX OF THE 12 ELECTIVE UNITS MUST BE IN RELIGIOUS STUDIES COURSES:
RELIGST 135, RELIGST 252, RELIGST 302, RELIGST 303, RELIGST 304, RELIGST 330, RELIGST 351, RELIGST 353, RELIGST 355, RELIGST 388/588
ADDITIONAL APPROVE ELECTIVE COURSES IN OTHER DISCIPLINES: (Note that cross-listed course - marked with an asterisk - can be taken either as Religious Studies course or as a course in another discipline, but no more that six units taken in other disciplines will count toward the minor)
3. ARTHIST 201, ENGLISH 252*, HISTRY 130, HISTRY 135*, HISTRY 342, HISTRY 353, HISTRY 355, HISTRY 363, PHILSPHY 341, SOCIOLOGY 353*, SOCIOLOGY 388/588*, RELIGST 365
ADDITIONAL COURSES DEALING WITH SELECTED ASPECTS OF RELIGION MAY BE APPROVED BY THE DEPARTMENT CHAIR AS ELECTIVES IN THIS MINOR. PLEASE CONSULT WITH THE DEPARTMENT CHAIRPERSON BEFORE TAKING COURSES NOT ON THE ABOVE APPROVED LIST.

LIBERAL STUDIES COURSE DESCRIPTIONS

LIBST 201 SEMINAR: INTRODUCTION TO LIBERAL STUDIES 3 u

An introduction to the concept of a liberal education, the methodologies of the liberal arts disciplines, and the use of computer technology for basic research. Students will create an individual plan of study to guide them through their Liberal Studies major and prepare them to complete a senior thesis project. Prereq: GENED 110, GENED 130, and GENED 120 or GENED 140 or sophomore standing.

LIBST 400 CAPSTONE IN LIBERAL STUDIES 1 u

Capstone in Liberal Studies provides a culminating experience for Liberal Studies majors. Students will evaluate their progress toward meeting the program's student learning objectives by assembling a portfolio of artifacts and by writing a reflective essay in which they demonstrate mastery of the program's student learning objectives. Prereq: Liberal Studies major and senior status

LIBST 493 INTERNSHIP IN LIBERAL STUDIES 1-3 u

LIBST 496 SPECIAL STUDIES 1-3 u

LIBST 497 EXCHANGE STUDIES 1-12 u

LIBST 498 INDEPENDENT STUDIES 1-3 u
Repeatable

LIBST 499 SENIOR THESIS 3 u

A capstone course for Liberal Studies majors. Students will write a 5,000-10,000 word reflective statement, or equivalent project, in which they integrate key concepts and methodologies of the liberal arts and draw thematic connections between the courses constituting their Liberal Studies major.

Prereq: LIBST 201 and senior status. Students in the 36 unit major must have completed 24 units in the major in addition to LIBST 201 and students in the 54 unit broad-field major must have completed 45 units in the major in addition to LIBST 201.

PHILOSOPHY COURSE DESCRIPTIONS

PHILSPHY 121 TRUTH AND THE MEDIA GH 3 u

There is a vast array of media outlets, political talking heads, and mass-marketed paraphernalia that claim to know what you should know, how you should feel about it, and what the best things are for you. We live thoroughly media-ted. This course critiques our current media culture on the veracity/rationality of their epistemic claims.

PHILSPHY 241 INTRODUCTION TO PHILOSOPHY GH 3 u

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.

PHILSPHY 245 CONTEMPORARY MORAL ISSUES GH 3 u

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.

PHILSPHY 247 BIOETHICS GH 3 u

This course introduces key ethical approaches as Kantian ethics, utilitarianism, and feminist ethics and addresses their application to issues in health care practice. Ethical issues to be addressed may include: end-of-life decisions, family planning, genetic technology, access to health care, and the role of health care professionals.

PHILSPHY 248 ENVIRONMENTAL ETHICS GH 3 u

A critical examination of ethical issues and problems arising from human interaction with non-human animals and the natural environment. Topics, such as the moral status of non-human animals, the moral bases of an environmental ethics, biodiversity, and sustainable development, will be considered by examining the writing of philosophers representing various perspectives.

PHILSPHY 251 LOGIC GH 3 u

By examining basic concepts, methods, and techniques for evaluating argumentation, this course aims at developing students' abilities to recognize, criticize, and construct arguments. The relationship between language and good reasoning will also be considered.

PHILSPHY 261 INTRODUCTION TO ETHICS GH 3 u

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.

PHILSPHY 271 INTRODUCTION TO AESTHETICS GH 3 u

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: GENED 110 or consent of the instructor.

PHILSPHY 281 SOCIAL PHILOSOPHY GH 3 u

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: GENED 130 or consent of the instructor.

PHILSPHY 291 PHILOSOPHY OF THE NATURAL AND SOCIAL SCIENCES GH 3 u

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.

PHILSPHY 341 CLASSICAL PHILOSOPHY GH 3 u

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: sophomore status

PHILSPHY 342 MODERN PHILOSOPHY GH 3 u

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: sophomore status.

PHILSPHY 346 19TH CENTURY PHILOSOPHY 3 u

This course concentrates on the main movements in 19th century philosophy. Selections from principal works of major philosophers of the period, such as Hegel, Schopenhauer, Kierkegaard, Nietzsche, Marx, Husserl, Peirce, and James, will be critically examined.

Prereq: Sophomore standing or 3 units of Philosophy

PHILSPHY 347 20TH CENTURY PHILOSOPHY 3 u

This course concentrates on the main movements in 20th century philosophy. Selections from principal works of major philosophers of the period, such as Ayer, Wittgenstein, Quine, Carnap, Heidegger, Sartre, Irigaray, Lyotard, and Derrida will be critically examined.

Prereq: Sophomore standing or 3 units of Philosophy

PHILSPHY 364 EXISTENTIALISM 3 u

Existentialism is the philosophy of the individual - existing, concrete individual, As a reaction against totalizing systems that leave individuals as small cogs in the wheel of history. Existentialists tackle questions about what it means to be an individual and the struggle of living in freedom - and so shall we.

Prereq: Sophomore standing or 3 units of philosophy

PHILSPHY 381 PHILOSOPHY OF GENDER AND RACE 3 u

This course examines the philosophical assumptions underlying concepts of gender and race. Topics include: historical and contemporary arguments about race and gender as biological categories; the relationship between the use of these categories and the persistence of sexism and racism; and race and gender in theories of subjectivity.

Prereq: Sophomore level or consent of instructor

PHILSPHY 390/590 FEMINIST PHILOSOPHY 3 u

An introduction to feminist philosophy including its relation to other philosophical traditions, its historical development, and its relevance to concerns in areas such as ethics, theory of knowledge, political philosophy, and philosophy of religion.

Prereq: Soph level or consent of instructor.

PHILSPHY 490/690 WORKSHOP Repeatable 1-3 u

PHILSPHY 494/694 SEMINAR Repeatable 1-3 u

PHILSPHY 496/696 SPECIAL STUDIES Repeatable 1-3 u

PHILSPHY 497 EXCHANGE STUDY Repeatable 1-12 u

PHILSPHY 498 INDEPENDENT STUDY Repeatable 1-3 u

INTRAUNV 246 BUSINESS ETHICS GI 3 u

(See Interdisciplinary Studies)

Religious Studies provides information and discussion about religious issues and major religious traditions in an academic atmosphere of fairness and intellectual objectivity. The purpose of the discipline is to further the student's liberal education by promoting tolerance and an informed critical understanding about religious issues and ideas of various cultures. Its special concern is the intellectual examination of the religious content pervading influential ideals, values, and practices found in the dominant cultures of human society.

Individual Religious Studies courses may serve as complements to any program of university study and most fulfill General Education requirements in the Humanities. Several Religious Studies courses fulfill requirements in other programs such as in General Business-International Emphasis and in Asian Studies, and are approved to meet history and contemporary culture requirements for teacher licensure. In addition, selected Religious Studies courses are electives in International Studies, Asian Studies, Philosophy, and Women's Studies.

RELIGIOUS STUDIES COURSE DESCRIPTIONS

RELIGST 135 INTRODUCTION TO ISLAMIC CIVILIZATIONS *GH* 3 u

This course examines emergence and evolution of Islamic Civilizations from the seventh century through the modern era. It covers the birth and spread of Islam, the rise and fall of Muslim Empires, religious and political institutions, scientific and cultural achievements, and the position of women and religious minorities.

RELIGST 211 INTRODUCTION TO EASTERN RELIGIONS *GH* 3 u

An introduction to the major religious traditions in the cultural areas of South, Southeast, and East Asia: Hinduism, Buddhism, Jainism, Taoism, Confucianism, and Shinto.

RELIGST 212 INTRODUCTION TO WESTERN RELIGIONS *GH* 3 u

An introduction to the major religious traditions that have shaped Near Eastern and Western culture; especially Judaism, Christianity, and Islam.

RELIGST 252 THE BIBLE AS LITERATURE 3 u

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: ENGLISH 101 and ENGLISH 102. Unreq: ENGLISH 252.

RELIGST 301 CRITICAL ISSUES IN MODERN RELIGION *GH* 3 u

An introduction to selected critical issues relating to contemporary academic concerns and modern culture. A variety of intellectual and religious positions will be analyzed and discussed.

RELIGST 302 RELIGIOUS ETHICS *GH* 3 u

The comparative study of the ethical dilemmas and discourse within religious narratives and traditions. The course presents selected ethical dilemmas and raises questions requiring students to analyze the positions embedded within religious narratives, and develop their own informed ethical positions. Topics include war, human rights, ecology, economic justice, and sexuality.

Prereq: Sophomore status or consent of instructor.

RELIGST 303 EASTERN RELIGIOUS THOUGHT *GH* 3 u

A study of selected texts and religious thought from India, China, and Japan in relation to their impact on personal spiritual development and cultural integration.

Prereq: Sophomore standing or consent of the instructor.

RELIGST 304 CONTEMPORARY ISLAMIC THOUGHT AND PRACTICE 3 u

This course will explore - thematically rather than chronologically - major trends in contemporary Islamic thought and practice through a study of key thinkers and a close reading of their works. Such trends include modernism, reformism,

fundamentalism, nationalism, centrism, liberalism and feminism.

Prereq: RELIGST 212 or RELIGST 135 or HISTORY 135 or ARABIC 141

RELIGST 330 WOMEN AND RELIGION *GH* 3 u

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: Sophomore standing or consent of the instructor.

RELIGST 333 GEOGRAPHY OF RELIGION 3 u

This course examines the role of religion in contemporary American society and in communities around the globe from a geographic perspective. Significant places and spatial patterns associated with religions will be investigated along with the relationship between religion and the political landscape. Students will be expected to identify, visit, and analyze two religious sites in their community.

RELIGST 351 RELIGION IN AMERICAN CULTURE *GH* 3 u

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: Sophomore standing or consent of the instructor.

RELIGST 353 SOCIOLOGY OF RELIGION 3 u

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 units of sociology course work. Unreq: SOCIOLOGY 353.

RELIGST 365 RELIGIOUS AND PHILOSOPHICAL PERSPECTIVES ON DEATH AND DYING *GH* 3 u

A critical examination of philosophical and religious materials dealing with death and dying. Issues such as the nature of death, the fear of death, the possibility of an afterlife, the concept of immortality, ethical and legal problems raised in the dying process, the ethics of hospice care, and the morality of euthanasia will be considered.

Prereq: Sophomore standing.

RELIGST 388/588 THE HOLOCAUST: NAZI GERMANY & THE GENOCIDE OF THE JEWS 3 u

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 units of sociology, history or religious studies. Unreq: SOCIOLOGY 388/588.

RELIGST 490/690 WORKSHOP *Repeatable* 1-3 u

RELIGST 494 SEMINAR *Repeatable* 1-3 u

RELIGST 496/696 SPECIAL STUDIES *Repeatable* 1-3 u

RELIGST 497 EXCHANGE STUDY *Repeatable* 1-12 u

RELIGST 498 INDEPENDENT STUDIES *Repeatable* 1-3 u

DEPARTMENT OF PHYSICS

Phone: 262-472-1067

E-Mail: physics@umw.edu

Faculty: Robert Benjamin, Abdelkrim Boukahil, Juliana Constantinescu, Jalal Nawash, Paul Rybski, Steven Sahyun (Chairperson).

Physics is the science that 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 PHYSCS 180 and PHYSCS 181. In certain cases, and with departmental approval, PHYSCS 140 may be substituted for PHYSCS 180 and/or PHYSCS 141 may be substituted for PHYSCS 181.

PHYSICS ENGINEERING EMPHASIS (BA/BS)

(Recommended for students intending to attend engineering school)

MAJOR - 38 UNITS

1. PHYSICS 180, PHYSICS 181, PHYSICS 221, PHYSICS 305, PHYSICS 310, PHYSICS 324, PHYSICS 330, PHYSICS 331, PHYSICS 344, PHYSICS 360, AND PHYSICS 489
2. SELECT 2 UNITS OF PHYSICS 190
3. SELECT REMAINING UNITS FROM PHYSICS COURSES NUMBERED 300 OR HIGHER WITH NO MORE THAN 3 UNITS FROM 490-499 COURSES
4. DEPARTMENTAL EXIT INTERVIEW

MAJOR - UNIQUE REQUIREMENT - 22 UNITS

1. CHEM 102, CHEM 104, MATH 255, MATH 355, MATH 361 AND COMPSCI 173

WRITING - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR.

PHYSICS GRADUATE SCHOOL EMPHASIS (BA/BS)

(Recommended for students intending to attend graduate school.)

MAJOR - 38 UNITS

1. SELECT 1 GROUP
(PHYSICS 180, PHYSICS 181) OR (PHYSICS 140, PHYSICS 141)
2. PHYSICS 221, PHYSICS 305, PHYSICS 310, PHYSICS 324, PHYSICS 325, PHYSICS 344 AND PHYSICS 364 AND PHYSICS 489
3. SELECT 2 UNITS OF PHYSICS 190
4. SELECT REMAINING UNITS FROM PHYSICS NUMBERED 300 OR 400 WITH NO MORE THAN 3 UNITS FROM COURSES PHYSICS 490 THRU 499
5. DEPARTMENT EXIT INTERVIEW

MAJOR - UNIQUE REQUIREMENT - 11 UNITS

1. COMPSCI 173, MATH 255, MATH 355 AND MATH 361

WRITING - 3 UNITS

1. ENGLISH 370 OR ENGLISH 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 - 38 UNITS

1. PHYSICS 180, PHYSICS 181, PHYSICS 221, PHYSICS 305, PHYSICS 310, PHYSICS 324, PHYSICS 330, PHYSICS 331, PHYSICS 364 AND PHYSICS 489
2. SELECT 2 UNITS OF PHYSICS 190
3. SELECT PHYSICS 344 OR PHYSICS 360
4. SELECT REMAINING UNITS FROM PHYSICS NUMBERED 300 OR 400 WITH NO MORE THAN 3 UNITS FROM 490 - 499 COURSES
5. DEPARTMENTAL EXIT INTERVIEW

MAJOR - UNIQUE REQUIREMENT - 28 UNITS

1. CHEM 102, CHEM 104, MATH 255, MATH 355, MATH 361, COMPSCI 173, ITBE 141 AND ACCOUNT 244 RLS

WRITING - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

PHYSICS (BSE)

(Recommended for students intending to teach physics in secondary school.)

LICENSURE - 41 UNITS

1. SPECED 205
2. GEOGRPY 252 OR BIOLOGY 214
3. FOUNDATIONS BLOCK: EDFOUND 243, EDFOUND 212, AND EDFNDPRC 210
4. EDFOUND 425
5. SECNDED 466
6. SECONDED 429
7. FIELD STUDY: SELECT 3 UNITS FROM COURSE CIFLD 492
8. ALTERNATIVE-LEVEL STUDENT TEACHING: SELECT 2 UNITS FROM CIFLD 402 (MIDDLE SCHOOL) OR CIFLD 404 (SECONDARY SCHOOL)
9. STUDENT TEACHING: SELECT 12 UNITS FROM CIFLD 414 (SECONDARY SCHOOL) OR CIFLD 412 (MIDDLE SCHOOL)

MAJOR - 34 UNITS

1. SELECT 1 GROUP
(PHYSICS 180, PHYSICS 181) OR (PHYSICS 140, PHYSICS 141)
2. SELECT 2 UNITS OF PHYSICS 190
3. PHYSICS 221, PHYSICS 305, PHYSICS 310, PHYSICS 324, PHYSICS 344 AND PHYSICS 489
4. SELECT REMAINING UNITS FROM ASTRONMY 112 AND COURSES NUMBERED 300 OR 400 WITH NO MORE THAN 3 UNITS SELECTED FROM COURSES PHYSICS 490 THRU 499
5. DEPARTMENTAL EXIT INTERVIEW

WRITING - 3 UNITS

1. ENGLISH 370 OR ENGLISH 372 RLS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINORS/EMPHASES

PHYSICS

MINOR - 24 UNITS

1. SELECT 1 GROUP
(PHYSICS 180, PHYSICS 181) OR (PHYSICS 140, PHYSICS 141)
2. PHYSICS 305, PHYSICS 310 AND PHYSICS 324
3. SELECT ELECTIVE UNITS FROM PHYSICS TO TOTAL 24 UNITS FROM PHYSICS 221 AND COURSES AT 300 OR 400 LEVEL

PHYSICS EDUCATION EMPHASIS

MINOR - 24 UNITS

1. SELECT 1 GROUP
(PHYSICS 180, PHYSICS 181) OR (PHYSICS 140, PHYSICS 141)
2. PHYSICS 305, PHYSICS 310
3. SELECT 1 COURSE FROM PHYSICS 221, PHYSICS 303, PHYSICS 331, PHYSICS 344, OR PHYSICS 360
4. SELECT ELECTIVES FOR TOTAL OF 24 UNITS FROM COURSES AT 300 OR 400 LEVEL

PHYSICAL SCIENCE

MINOR - 23 UNITS

1. SELECT ONE GROUP (PHYSICS 180, PHYSICS 181) OR (PHYSICS 140, PHYSICS 141)
2. SELECT ELECTIVES FOR TOTAL OF 23 UNITS FROM:
CHEM 251, CHEM 252, CHEM 261, CHEM 262, CHEM 352,
CHEM 456, MATH 243, MATH 250, MATH 253, PHYSICS 221,
PHYSICS 330, OR PHYSICS 331

UNIQUE REQUIREMENT:

1. CHEM 102, CHEM 104 AND MATH 152

COURSE DESCRIPTIONS

PHYSICS 100 ENERGY *GM* 3 u

An examination of energy; its nature, the forms in which it appears, its transformation, current and future sources, and energy issues faced by an informed electorate. Three one-hour lectures per week.

Coreq: MATH 140 or MATH 141.

PHYSICS 120 LIGHT AND COLOR *GL* 4 u

An introduction to light science for students in the visual arts and for students with an interest in art. The course includes the properties of light and color, the interaction of light with matter, the formation of visual images, and color vision. Three one-hour lectures and one two-hour laboratory per week.

Coreq: MATH 140 or MATH 141.

PHYSICS 130 PHYSICS FOUNDATIONS *GL* 5 u

This course will explore topics in classical physics (motion, heat, sound, electricity, magnetism, and light) and modern physics (atomic structure, quantum mechanics and relativity) with an emphasis on how the principles explain and predict phenomena we observe every day. Four one-hour lectures and one two-hour laboratory per week.

Coreq: MATH 141 or consent of instructor. Unreq: PHYSICS 212.

PHYSICS 140 PRINCIPLES OF PHYSICS I *GL* 5 u

An algebra-based course in classical mechanics at the introductory level. The content covers kinematics, Newton's laws, conservation laws, oscillations and waves, applications to fluids and elasticity, and thermodynamics and kinetic theory. Applications to the life and health sciences are emphasized, and essential MCAT subject matter is included. Basic understanding of trigonometry and the manipulation of vectors is necessary. Students with adequate mathematical preparation may wish to consider taking the PHYSICS 180 series. Four one-hour lectures and one three-hour laboratory per week. Coreq: MATH 152.

PHYSICS 141 PRINCIPLES OF PHYSICS II *GL* 5 u

An algebra-based course in electricity and magnetism, circuits, electromagnetic waves, optics and an introduction to modern physics. Applications to the life and health sciences are emphasized, and essential MCAT subject matter is included. Basic understanding of trigonometry and the manipulation of vectors is necessary. Students with adequate mathematical preparation may wish to consider taking the PHYSICS 180 series. Four one-hour lectures and one three-hour laboratory per week.

Prereq: PHYSICS 140.

PHYSICS 150 FROM EINSTEIN TO STAR TREK *GM* 3 u

This introductory survey course will focus on areas of modern physics that are frequently discussed but often misunderstood. The theories of Einstein and other physicists will be used to examine science fiction devices such as time machines, warp drives, and mass transporters. Integrated throughout will be a discussion of what are science, science fiction, and pseudo-science. Not applicable toward any physics major or minor. Three hours of lecture a week.

PHYSICS 180 PHYSICS FOR SCIENTISTS AND ENGINEERS I *GL* 5 u

A lecture course in introductory physics including a mathematically rigorous analysis of mechanics, vibrations, wave motion, and thermodynamics using calculus. For majors and minors in physics, engineering, chemistry, mathematics. Four one-hour lectures and one three-hour lab per week. High school calculus recommended.

Coreq: MATH 253.

PHYSICS 181 PHYSICS FOR SCIENTISTS AND ENGINEERS II *GL* 5 u

A course in introductory physics including a mathematically rigorous analysis of electricity and magnetism, light and optics, and modern physics using calculus. For majors and minors in physics, engineering, chemistry, and mathematics. Four one-hour lectures and one three-hour lab per week. Prereq: PHYSICS 180 or consent of instructor. Coreq: MATH 254.

PHYSICS 190 FRONTIERS OF ENGINEERING AND PHYSICS 1 u

An introduction to career tracks and career opportunities in engineering and physics. This course will feature readings on different career possibilities in engineering and physics and visiting lectures by practicing physicists and engineers. Professional skills, identification of career tracks, and scientific and technical communication will be emphasized. One hour lecture per week.

PHYSICS 212 PHYSICS FOR ELEMENTARY TEACHERS *GL* 4 u

This course is a one-semester introduction to physics with curriculum and instruction designed as an activity-based hands-on course for K-8 elementary education students and open to all education majors. The course emphasizes a student-oriented pedagogy in order to develop various physics concepts and the nature of science. Topics covered include motion, forces, energy, light, heat, electricity, and magnetism.

Prereq: MATH 141 and restricted to students with BSE program. Unreq: PHYSICS 130

PHYSICS 221 INTERMEDIATE LABORATORY 2 u

A laboratory course concentrating on techniques of recording, interpretation of, and reporting experimental data. Extensive use will be made of computers in data processing. Topics covered include data acquisition and the recording of data, error analysis, numerical analysis, graphing techniques, computational tools and report writing. Two two-hour laboratories per week.

Prereq: PHYSICS 181 or PHYSICS 141 and MATH 254

PHYSICS 240 PHYSICS OF SOUND AND MUSIC *GM* 3 u

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.

Coreq: MATH 140 or MATH 141

PHYSICS 290 PHYSICS RECITATIONS I 1 u

Topics include, limits, increments and infinitesimals and their applications to physical problems, differentiation and differentials in physics, integration as anti-differentiation and integration of higher derivatives (application to kinematics in one dimension), vector and coordinate frames: application to kinematics in two and three dimensions, definite integrals and the integral as an area: application to mechanical energy and work. One-hour lecture per week.

Coreq: MATH 253 or consent of instructor

PHYSICS 291 PHYSICS RECITATIONS II 1 u

Topics include partial derivatives, increments, and total derivatives: application to force and potential energy, linear momentum, angular momentum, and the dynamics of systems, integrals in two and three dimensions: application to the dynamics of rigid bodies including rotations and forces in equilibrium. One-hour lecture per week.

Prereq: PHYSICS 290 or consent of instructor

PHYSICS 303 MICROPROCESSOR LABORATORY 2 u

Laboratory experience in microprocessor addressing, digital logic circuits, microcomputer input and output techniques, digital to analog and analog to digital interfacing and device control by microcomputers. This course will not satisfy the laboratory work requirements for the physics major; the credit will count toward the major.

Prereq: Either (a) PHYSICS 175 (or PHYSICS 163) and COMPSCI 171 or (b) concurrent registration in COMPSCI 302/502 or (c) graduate student with computer programming experience or (d) consent of instructor.

PHYSICS 305 MECHANICS - STATICS 3 u

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 also introduces notations and operations associated with tensor calculus. Three one-hour lectures per week.

Prereq: PHYSICS 181 or PHYSICS 141, MATH 254

PHYSICS 310 MECHANICS - DYNAMICS 3 u

A study of classical mechanics. Topics to be covered will include vector calculus techniques, dynamics of particles and systems and central force systems. Required of all majors and minors in physics. Three one-hour lectures per week.

Prereq: PHYSICS 324

PHYSICS 324 METHODS OF THEORETICAL PHYSICS 3 u

Topics covered include methods of theoretical physics, vector analysis, differential equations of mathematical physics, analytic functions and integration in the complex plane, Laplace transforms, Fourier series, Fourier transforms, and their applications in physics. Three one hour lectures per week.

Prereq: PHYSICS 181 OR (PHYSICS 141 and MATH 254)

PHYSICS 325 CLASSICAL ELECTROMAGNETISM 3 u

A study of the electrostatic field, electric multipoles, dielectrics, special methods in electrostatics, the magnetic field, magnetic materials, time-varying fields, conservation laws, and electromagnetic waves. Three one-hour lectures per week.

Prereq: PHYSICS 324

PHYSICS 330 ANALOG AND DIGITAL ELECTRONICS 3 u

An introductory course in electronics with emphasis on solid state devices, diode and amplifier circuits, waveform generation, operational amplifiers, digital circuitry and microcomputer applications to physical measurement. Three one-hour lectures per week.

Prereq: PHYSICS 221

PHYSICS 331 ANALOG AND DIGITAL ELECTRONICS LABORATORY 1 u

A laboratory course in electronics with emphasis on solid state devices, diode and amplifier circuits, waveform generation, analog computer circuitry, digital circuitry. One two-hour laboratory per week.

Prereq: PHYSICS 330 or coreq in PHYSICS 330.

PHYSICS 344 MODERN PHYSICS 4 u

Topics covered include relativity, elementary quantum physics, atomic and molecular structure, elementary nuclear physics and fundamental particles. Laboratory experiments complement material presented in lectures. Three one-hour lectures and one three-hour laboratory per week.

Prereq: PHYSICS 181 or PHYSICS 141 and MATH 254

PHYSICS 360 OPTICS 4 u

This course provides an introductory study of optical phenomena. Geometrical and physical optics beginning with a mathematical treatment of light waves and their interaction with materials. Topics also include interference diffraction, spectroscopy and spectroscopic instruments, polarization, light sources and detectors, lasers, holography, and some topics in modern optics. Three one-hour lectures and one three-hour laboratory per week.

Prereq: PHYSICS 324 or consent of instructor

PHYSICS 364 THERMAL PHYSICS 3 u

A study in thermodynamics and statistical mechanics including the laws of classical thermodynamics, equations of state, thermodynamical processes, and applications to classical and quantum mechanical systems. Three one-hour lectures per week.

Prereq: PHYSICS 324

PHYSICS 424 VIBRATIONS AND WAVES 3 u

This course emphasizes the relationship between vibrations and waves. Topics include free and damped vibrations in linear and non-linear systems with one- and several-degrees of freedom, longitudinal and transverse waves, and the wave equation. Analytic treatment and applications to real phenomena are stressed throughout this course.

Prereq: PHYSICS 324

PHYSICS 425 QUANTUM MECHANICS 3 u

This course will explore the tools and postulates of Quantum Mechanics. Topics will include one and three-dimensional problems, angular momentum, as well as approximation methods such as time independent perturbation theory, and Wentzel-Kramers-Brillouin (WKB) methods. Three one-hour lectures per week.

Prereq: PHYSICS 324

PHYSICS 489 PHYSICS SENIOR SEMINAR 2 u

The course will train students in making scientific presentations, summarize the concepts and methods taught in the physics major curriculum, and prepare them for the Physics Major Field Test as the final exam in the course. Students will become familiar with physics literature and learn to write abstracts and project proposals. They will demonstrate proper methods of verbal and visual presentation by delivering a graded series of talks, concluding with a satisfactory colloquium on a physics topic. Two one-hour sessions a week.

Prereq: Students must possess senior-level standing in the major to receive credit for participation. Students with less than senior standing are encouraged to attend in preparation for full participation when they become seniors.

PHYSICS 490/690 PHYSICS WORKSHOP 1-8 u

Repeatable for a maximum of 3 units in major or minor in physics.

PHYSICS 491/691 TRAVEL STUDY *Repeatable* 1-3 u**PHYSICS 493 PHYSICS COOPERATIVE EDUCATION** 1 u

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 units may be counted towards the Physics Major. A written report is required.

Prereq: PHYSICS 173 and LSINDP 099 and a declared Physics/Industry major.

PHYSICS 494 PHYSICS SEMINAR *Repeatable* 1 u

Prereq: Senior standing and consent of instructor.

PHYSICS 496/696 SPECIAL STUDIES 1-10 u

Repeatable for a maximum of 3 units in major or minor in physics. Prereq: Physics major or minor, junior or senior standing and consent of instructor.

PHYSICS 498 INDEPENDENT STUDY 1-3 u

Repeatable for a maximum of 3 units in major or minor in physics. Prereq: Jr or sr st and cons dept chp.

ASTRONOMY**ASTRONOMY 112 INTRODUCTION TO ASTRONOMY** *GL* 5 u

An examination of concepts regarding the organization of the universe. The solar system, astronomical principles and instruments, stellar evolution and galaxies are among topics covered. Activities include field trips, observations of the night sky and of the sun with telescopes, and laboratory work. Four one-hour lectures and one two-hour laboratory/observation period per week. There are two required evening observation sessions during the semester. Coreq: MATH 141 or consent of instructor. Unreq: ASTRONOMY 114.

ASTRONOMY 114 DESCRIPTIVE ASTRONOMY *GM* 3 u

A non-laboratory course that introduces the basic aspects of astronomy, including cultural and historical considerations. The study of galaxies, stars, as well as our solar system is included. Observational activities and field trips may be included as integral parts of the course. Three one-hour lectures per week.

Coreq: MATH 141 or consent of instructor. Unreq: ASTRONOMY 112.

ASTRONOMY 490/690 ASTRONOMY WORKSHOP 1-5 u

Repeatable. Prereq: Consent of instructor.

ASTRONOMY 496/696 SPECIAL STUDIES *Repeatable* 1-3 u

Prereq: Consent of department

DEPARTMENT OF POLITICAL SCIENCE

Phone: 262-472-1120

E-Mail: polsci@uwm.edu

Faculty: Paul Adogamhe, Larry Anderson, Charles Cottle, Jolly Emrey, Zohreh Ghavamshahidi, Jane Gottlick, Anne Hamilton, Craig Heatwole, Michael Illuzzi, Susan Johnson (Chairperson), John Kozlowicz, Xia Li Lollar, John Valadez, and F. Peter Wagner.

Students who major or minor in political science and its related disciplines 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. The Political Science Department offers minors in Political Science, Public Administration and Legal Studies, as well as Paralegal and Lobbying Certificates.

MAJORS/EMPHASES

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: The Political Science Department offers an honors program within the major. Program and course requirements are provided below. In addition to completing the requirements of the Political Science major, those students earning the Honors designation are required to prepare a senior honors thesis, submit an undergraduate research grant proposal and complete either an internship or travel study course.

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: Double Major in Political Science & Public Policy & Administration

II. Law Option—Plan A: Major in political science with a minor in Legal Studies—Plan B: Major in political science with a minor in a related discipline.

III. International Employment Option—Plan A: Major in political science with an emphasis in comparative and international politics—Plan B: Major in Political Science & minor in International Studies

IV. Government and Business Option—Plan A: Major in political science and a minor in a related discipline—Plan B: Major in political science and select a business minor.

Areas of Political Science. The department curriculum is divided into five 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: POLISCI 315, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 321, POLISCI 344, POLISCI 357, POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 416, POLISCI 419, POLISCI 446.
- II. Public Policy & Administration—courses: POLISCI 316, POLISCI 320, POLISCI 330, POLISCI 421, POLISCI 430, POLISCI 440, POLISCI 489.
- III. Comparative Government—courses: POLISCI 352, POLISCI 460, POLISCI 461, POLISCI 471, POLISCI 472, POLISCI 480.
- IV. International Relations—courses: POLISCI 340, POLISCI 350, POLISCI 351, POLISCI 457, POLISCI 463, POLISCI 464.
- V. Political Theory—courses: POLISCI 365, POLISCI 411, POLISCI 412, POLISCI 420.

POLITICAL SCIENCE (BA/BS)

MAJOR - 34 UNITS

1. POLISCI 101, POLISCI 141, POLISCI 301 AND POLISCI 302
2. SELECT 3 UNITS FROM COURSES AREA 1-AMER GOVMT
POLISCI 315, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 321, POLISCI 344, POLISCI 357, POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 416, POLISCI 419 AND POLISCI 446
3. SELECT 3 UNITS FROM COURSES AREA 2-PUB POLICY & ADMIN:
POLISCI 316, POLISCI 320, POLISCI 330, POLISCI 421, POLISCI 430, POLISCI 440 AND POLISCI 489
4. SELECT 3 UNITS FROM COURSES AREA 3-COMPARATIVE GOVERNMENT:
POLISCI 345, POLISCI 352, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 471, AND POLISCI 472
5. SELECT 3 UNITS FROM COURSES AREA 4-INTERNATNL RELATIONS:
POLISCI 340, POLISCI 350, POLISCI 351, POLISCI 457, POLISCI 463, AND POLISCI 464
6. SELECT 3 UNITS FROM COURSES AREA 5-POL THEORY:
POLISCI 365, POLISCI 411, POLISCI 412 OR POLISCI 420
7. SELECT 3 ELECTIVE 300 OR 400 LEVEL UNITS FROM THE POLITICAL SCIENCE DEPARTMENT:
8. SELECT 6 ELECTIVE UNITS FROM THE POLITICAL SCIENCE DEPARTMENT EXCLUDING GENED 140

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

POLITICAL SCIENCE HONORS EMPHASIS (BA/BS)

MAJOR - 34 UNITS

1. POLISCI 101, POLISCI 141, POLISCI 301, POLISCI 302, AND POLISCI 499
2. POLISCI 250 OR POLISCI 255
3. SELECT 3 UNITS FROM COURSES: AREA 1 - AMERICAN GOVERNMENT: POLISCI 315, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 321, POLISCI 344, POLISCI 357, POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 416, POLISCI 419 AND POLISCI 446
4. SELECT 3 UNITS FROM COURSES: AREA 2 - PUBLIC POLICY: POLISCI 316, POLISCI 320, POLISCI 330, POLISCI 421, POLISCI

- 430, POLISCI 440 AND POLISCI 489
5. SELECT 3 UNITS FROM COURSES: AREA 3 - COMPARATIVE GOVERNMENT: POLISCI 345, POLISCI 352, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 471, AND POLISCI 472
 6. SELECT 3 UNITS FROM COURSES: AREA 4 - INTERNATIONAL RELATIONS: POLISCI 340, POLISCI 350, POLISCI 351, POLISCI 457, POLISCI 463 AND POLISCI 464
 7. SELECT 3 UNITS FROM COURSES: AREA 5 - POLITICAL THEORY: POLISCI 365, POLISCI 411, POLISCI 412 OR POLISCI 420
 8. SELECT 3 UNITS OF POLISCI 493 OR 3 UNITS OF POLISCI 491 OR 3 UNITS OF OTHER APPROVED TRAVEL STUDY

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

AN UNDERGRADUATE RESEARCH GRANT PROPOSAL SUBMISSION IS REQUIRED FOR THE HONORS EMPHASIS

POLITICAL SCIENCE EDUCATION (BSE)

LICENSURE - 42 UNITS

1. SECND 430 AND SECNDED 466
2. EDFOUND 342 OR EDFOUND 445
3. SELECT 2 UNITS FROM CIFLD 201
4. STUDENT TEACHING:
 - a. SELECT 2 UNITS FROM CIFLD 402 (MIDDLE SCHOOL) OR CIFLD 404 (SECONDARY SCHOOL)
 - b. SELECT 12 UNITS FROM CIFLD 414 (SECONDARY SCHOOL) OR CIFLD 412 (MIDDLE SCHOOL)
5. SELECT 3 UNITS FROM CIFLD 492
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM)
7. ECON 213
8. EDFOUND 212 AND EDFOUND 425
9. SPECED 205

MAJOR - 34 UNITS

1. POLISCI 101, POLISCI 141, POLISCI 301 AND POLISCI 302
2. SELECT 3 UNITS FROM COURSES - AREA 1 - AMERICAN GOVERNMENT: POLISCI 315, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 321, POLISCI 344, POLISCI 357, POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 416, POLISCI 419, AND POLISCI 446
3. SELECT 3 UNITS FROM COURSES - AREA 2 - PUBLIC POLICY: POLISCI 316, POLISCI 320, POLISCI 330, POLISCI 421, POLISCI 430, POLISCI 440, AND POLISCI 489
4. SELECT 3 UNITS FROM COURSES - AREA 3 - COMPARATIVE GOVERNMENT: POLISCI 345, POLISCI 352, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 471, POLISCI 472, AND POLISCI 480
5. SELECT 3 UNITS FROM COURSES - AREA 4 - INTERNATIONAL RELATIONS: POLISCI 340, POLISCI 348, POLISCI 350, POLISCI 351, POLISCI 457, POLISCI 463, AND POLISCI 464
6. SELECT 3 UNITS FROM COURSES - AREA 5 - POLITICAL THEORY: POLISCI 365, POLISCI 411, POLISCI 412, AND POLISCI 420
7. SELECT 6 ELECTIVE 300 OR 400 LEVEL UNITS FROM THE POLITICAL SCIENCE DEPARTMENT
8. SELECT 6 ELECTIVE UNITS FROM THE POLITICAL SCIENCE DEPARTMENT EXCLUDING GENED 140

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIAL STUDIES BROADFIELD - POLITICAL SCIENCE EMPHASIS (BSE)

LICENSURE - 42 UNITS

1. SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. CIFLD 210
4. STUDENT TEACHING
 - A. SELECT 2 OR 12 UNITS FROM CIFLD 412
 - B. SELECT 2 OR 12 UNITS FROM CIFLD 414
5. SECNDED 430
6. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM)
7. ECON 213 OR ECON 234
8. EDFOUND 212 AND EDFOUND 425
9. SELECT 3 UNITS FROM COURSE CIFLD 492
10. SELECT 3 UNITS FROM SPECED 205

MAJOR - 54 UNITS

1. POLISCI 101, POLISCI 141, POLISCI 301 AND POLISCI 302
2. SELECT 3 UNITS FROM COURSES AREA 1-AMER GOVMT POLISCI 315, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 321, POLISCI 344, POLISCI 357, POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 416, POLISCI 419 AND POLISCI 446
3. SELECT 3 UNITS FROM COURSES AREA 2-PUB POLICY & ADMIN POLISCI 316, POLISCI 320, POLISCI 330, POLISCI 421, POLISCI 430, POLISCI 440 AND POLISCI 489
4. SELECT 3 UNITS FROM COURSES AREA 3-COMPARATIVE GOVERNMENT POLISCI 352, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 471 AND POLISCI 472 AND POLISCI 480
5. SELECT 3 UNITS FROM COURSES AREA 4-INTERNATNL RELATIONS POLISCI 340, POLISCI 350, POLISCI 351, POLISCI 457, POLISCI 463 AND POLISCI 464
6. SELECT 3 UNITS FROM COURSES AREA 5-POL THEORY POLISCI 365, POLISCI 411, POLISCI 412 AND POLISCI 420
7. SELECT 3 ELECTIVE 300 OR 400 LEVEL UNITS FROM THE POLITICAL SCIENCE DEPARTMENT
8. SELECT 6 ELECTIVE UNITS FROM THE POLITICAL SCIENCE DEPARTMENT EXCLUDING GENED 140
9. SELECT 9-12 UNITS FROM TWO OF THE FOLLOWING DEPARTMENTS FOR A TOTAL OF 21 UNITS:
 - A. SELECT 9-12 UNITS FROM ECONOMICS, EXCLUDING ECON 245 AND 345, AT LEAST 3 UNITS MUST BE CHOSEN FROM ECON 202 OR 213
 - B. SELECT 9-12 UNITS FROM GEOGRAPHY, EXCLUDING GEOGRPY 210, 300, 310, 320, 323, 330 AND 450, AT LEAST 3 UNITS MUST BE CHOSEN FROM GEOGRPY 230, 250 AND 252
 - C. SELECT 9-12 UNITS FROM HISTORY, SELECT 1 COURSE FROM EACH OF THE FOLLOWING AREAS: ADD A SECOND COURSE FROM ANY AREA:
 - AREA 1: HISTRY 124 OR HISTRY 125, HISTRY 311
 - AREA 2: HISTRY 154, HISTRY 155
 - AREA 3: HISTRY 130, HISTRY 131, HISTRY 135, HISTRY 336, HISTRY 337, HISTRY 340, HISTRY 342, OR HISTRY 343
 - D. SELECT 9-12 UNITS FROM PSYCHOLOGY, EXCLUDING PSYCH 215, AT LEAST 3 UNITS MUST BE PSYCH 211
 - E. SELECT 9-12 UNITS FROM SOCIOLOGY DEPT., AT LEAST 3 UNITS MUST BE CHOSEN FROM COURSES SOCIOLOGY 140 OR SOCIOLOGY 250

MINORS/EMPHASES

LEGAL STUDIES

MINOR - 24 UNITS

1. POLISCI 418 POLISCI 493, POLISCI 419, FNBSLW 341
2. SELECT 6 UNITS FROM COURSES:

- POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 416
3. SELECT 6 UNITS FROM COURSES:
FNBSLW 342, FNBSLW 442, FNBSLW 443, FNBSLW 455

POLITICAL SCIENCE

MINOR - 21 UNITS

1. POLISCI 141
2. SELECT 1 COURSE FROM EACH OF 3 GROUPS BELOW:
 - A. SELECT 3 UNITS FROM COURSES - AREA 1 - AMERICAN GOVERNMENT: POLISCI 315, POLISCI 317, POLISCI 318, POLISCI 319, POLISCI 321, POLISCI 344, POLISCI 357, POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 416, POLISCI 419, POLISCI 446
 - B. SELECT 3 UNITS FROM COURSES - AREA 2 - PUBLIC POLICY: POLISCI 316, POLISCI 320, POLISCI 330, POLISCI 421, POLISCI 430, POLISCI 440, POLISCI 489
 - C. SELECT 3 UNITS FROM COURSES - AREA 3 - COMPARATIVE GOVERNMENT: POLISCI 345, POLISCI 352, POLISCI 456, POLISCI 460, POLISCI 461, POLISCI 471, POLISCI 472 AND POLISCI 480
 - D. SELECT 3 UNITS FROM COURSES - AREA 4 - INTERNATIONAL RELATIONS: POLISCI 340, POLISCI 350, POLISCI 351, POLISCI 457, POLISCI 463, POLISCI 464
 - E. SELECT 3 UNITS FROM COURSES - AREA 5 - POLITICAL THEORY: POLISCI 365, POLISCI 411, POLISCI 412, POLISCI 420
3. SELECT 9 ELECTIVE POLITICAL SCIENCE UNITS EXCEPT GENED 140

POLITICAL SCIENCE EDUCATION EMPHASIS

MINOR - 18 UNITS

1. POLISCI 141
2. SELECT 1 COURSE FROM POLISCI 240, POLISCI 317, POLISCI 318, POLISCI 344
3. SELECT 1 COURSE FROM POLISCI 320 AND POLISCI 430
4. POLISCI 255
5. POLISCI 250
6. POLISCI 351

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 UNITS

1. POLISCI 141, POLISCI 320, POLISCI 330 AND POLISCI 489
2. SELECT 10 UNITS FROM COURSES
POLISCI 344, POLISCI 356, POLISCI 421, POLISCI 430, POLISCI 440, POLISCI 446, POLISCI 493, ACCOUNT 244, ECON 356, FNBSLW 348, MARKETNG 436, SOCIOLOGY 352 OR A COURSE APPROVED BY THE CHAIRPERSON OF THE POLITICAL SCIENCE DEPT

Social Studies minor in elementary education curriculum: See L&S Interdepartmental section.

PROGRAM OF PUBLIC POLICY AND ADMINISTRATION

Susan Johnson

Coordinator

The University offers an opportunity for students to earn a Bachelor of Science degree with a major in Public Policy and Administration. The major is designed to prepare students for careers in local, state, or national governments, and in businesses and other organizations in the private sector

which work closely with government. The major is sponsored jointly by the Political Science Department in the College of Letters and Sciences and the Management Department in the College of Business and Economics. The courses in the major are offered by these two departments and by several other departments in the two Colleges, providing broad interdisciplinary preparation for the student.

MAJOR

PUBLIC POLICY AND ADMINISTRATION (BS)

MAJOR - 60 UNITS

1. ACCOUNT 244, ECON 202, POLISCI 141, PSYCH 211
2. MATH 231 OR PSYCH 215
3. MANGEMNT 301, ITBE 280, POLISCI 344, POLISCI 320 AND POLISCI 330
4. ITBE 353, ENGLISH 370 OR ENGLISH 372
5. POLISCI 489
6. SELECT 3 - 9 UNITS FROM COURSE POLISCI 493 IN CONSULTATION WITH ADVISER.
A 2.25 COMBINED UW-W & TRANSFER GPA IS REQUIRED TO TAKE THE COURSE.
7. IN CONSULTATION WITH ADVISER SELECT 0-6 UNITS OF ELECTIVES IN LIBERAL ARTS OR BUSINESS COURSES
8. IN CONSULTATION WITH AN ADVISER SELECT A 15 UNIT 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.

Overall G.P.A. of 2.25 or higher is required to take POLISCI 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.

CERTIFICATES

PARALEGAL CERTIFICATE

Susan Johnson (Coordinator)

CERTIFICATE - 18 UNITS

1. POLISCI 418, POLISCI 493
2. SELECT 2 COURSES FROM
POLISCI 413, POLISCI 414, POLISCI 415, POLISCI 419
3. SELECT 2 COURSES FROM
FNBSLW 341, FNBSLW 342, FNBSLW 442, FNBSLW 443, FNBSLW 455

LOBBYING CERTIFICATE

Larry Anderson (Coordinator)

CERTIFICATE - 18 UNITS

1. POLISCI 321, POLISCI 493
2. SELECT ONE COURSE FROM EACH AREA
AREA 1: POLISCI 320, POLISCI 330, POLISCI 430
AREA 2: POLISCI 317, POLISCI 319, POLISCI 344
AREA 3: PHILSPHY 251, PHILSPHY 261, INTRAUNV 246
AREA 4: COMM 328, COMM 344, COMM 345

COURSE DESCRIPTIONS

POLISCI 101 INTRODUCTION TO POLITICAL SCIENCE 1 u

Introduction to Political Science introduces students to the specialties within political science, outlines the academic emphases within the major and associated requirements, and explores public and private sector opportunities in the field of political science.

POLISCI 141 AMERICAN GOVERNMENT AND POLITICS GS 3 u

An introductory course covering the history, structure and functioning of American national government and its relation to state and local government.

POLISCI 217 ETHNIC POLITICS GS/Diversity 3 u

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: RACEETH 217

POLISCI 240 LAW AND SOCIETY GS 3 u

The purpose of this course is to introduce students to the development of law and legal practices from a political science perspective. Special emphasis will be paid to the political factors in our society that shape law. The manner in which law affects the politics of our society will also be stressed.

POLISCI 247 ISSUES AND CRISES IN AMERICAN POLITICS GS 3 u

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 units in major/degree, but not repeatable for general studies credit.

POLISCI 250 INTRODUCTION TO POLITICAL THEORY GS 3 u

An introduction to Western political thought, the role of ideology in politics, and perennial questions in political philosophy.

POLISCI 255 INTRODUCTION TO COMPARATIVE POLITICS GS 3 u

This course compares the political systems of five or six countries, reflecting the range of political institutions and political behavior around the world. Students will learn to develop explanations for similarities and differences in the political life of countries around the world, e.g. why are some countries democratic and others authoritarian?

POLISCI 261 AFRICAN-AMERICAN POLITICS GE/Diversity 3 u

The course examines the African-American experience of race, ethnicity, class, and gender within the context of American political landscape. It will therefore explore the unique history, content and forms of African-American political participation as well as their struggle for freedom and equality as full citizens in the workings of various American political institutions.

Unreq: AFRIAMR 261

POLISCI 265 POLITICS OF TERRORISM AND COUNTERTERRORISM 3 u

This course examines the definitions, sources, patterns, and ideologies of modern terrorism. It then analyzes the objectives of various terrorist organizations as well as their operations, including strategies, tactics, weaponry, financing and state sponsorship. The course concludes by assessing the various counterterrorist measures, with special emphasis on U.S. counterterrorism policy.

POLISCI 266 ASIAN AMERICANS IN U.S. POLITICS GE/Diversity 3 u

This course explores political issues confronting Asian Americans in the United States. The course makes in-depth analysis of political aspects of Asian Americans as voters, as candidates, as activists and as contributors in the political process.

POLISCI 280 POLITICS OF URBAN INEQUALITY IN THE U.S. GS 3 u

The course offers a sophisticated depiction of systemic urban inequality that constrains the lives of the urban poor. The readings will feature academic books and research articles that describe and analyze the politics and life experiences in inner-city neighborhoods.

Unreq: RACEETH 280

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.

POLISCI 301 POLITICAL SCIENCE RESEARCH METHODS 3 u

An introduction to basic research methods in political science. Topics will include various data collection and analysis techniques on the U.S. Presidency, the U.S. Congress, the U.S. Supreme Court, political socialization, political parties, interest groups, civil violence, rebellion, and revolution. Students will obtain "hands-on" experience with computer software designed specifically for political science and the social sciences. This is not a statistics course, and no previous knowledge of statistical methods is assumed.

Prereq: Three units of political science.

POLISCI 302 WRITING IN POLITICAL SCIENCE 3 u

This course will allow students to improve their analytical and writing skills through various writing assignments involving different formats. Some of the assignments will involve multiple drafts, based on peer and instructor feedback.

Prereq: POLISCI 301

POLISCI 315 WOMEN AND AMERICAN POLITICS (AREA I COURSE) 3 u

This course is designed to acquaint the student with the roles of women in political life. Topics include effective civic participation, women's issues and the women's movement.

Prereq: Three units of political science

POLISCI 316 POLICE AND CRIMINAL JUSTICE ADMINISTRATION (AREA II COURSE) 3 u

This course examines the administrative process within the criminal justice setting. Both administrative theories and principles as well as applications to the criminal justice system will be covered.

Prereq: Three units of political science.

POLISCI 317 THE AMERICAN LEGISLATIVE PROCESS (AREA I COURSE) 3 u

The study of the organization and functioning of the legislative bodies, with particular attention to Congress: functions, membership, committee system, executive-legislative relations, pressure groups, lobbying, movement for reform.

Prereq: Three units of political science.

POLISCI 318 THE AMERICAN PRESIDENCY (AREA I COURSE) 3 u

Analysis and discussion of the various roles of the President regarding his constitutional status and powers, nomination and election, administrative responsibilities, legislative and political leadership, and his role in the conduct of foreign relations.

Prereq: Three units of political science.

POLISCI 319 AMERICAN POLITICAL PARTIES AND ELECTIONS (AREA I COURSE) 3 u

This course will examine the development, organization, and functions of

LETTERS AND SCIENCES

political parties and elections in the American political system. Topics include the nature and function of political parties, nominations and elections, political campaigns and campaign finance, voting behavior and party realignment issues, and the role of the party in government policy-making. Graduate students will be required to complete an additional paper.

Prereq: Three units of political science.

POLISCI 320 PUBLIC POLICY AND ADMINISTRATION (AREA II COURSE) 3 u

A course to introduce students to the concepts and problems of public policy and administration. Emphasis will be given to the role played by individuals and groups in large organizations; theories of organization will be set forth and operations of governmental administrative agencies in the political world will be examined.

Prereq: Three units of political science.

POLISCI 321 AMERICAN INTEREST GROUP POLITICS (AREA I COURSE) 3 u

This course will examine the interest group system in the United States by examining the history, roles, strategies, successes, and failures of interest groups in the American political system.

Prereq: 3 units in political science

POLISCI 330 PUBLIC POLICY ANALYSIS (AREA II COURSE) 3 u

A systematic introduction to the study of public policy issues through a public policy/issue analysis and problem solving approach. It will also examine and explore other analytical models and approaches in the study of public problems and policy issues.

Prereq: Three units of political science.

POLISCI 340 POLITICS OF DEVELOPMENT (AREA III COURSE) 3 u

This course focuses on the comparative analysis and contending interpretations of development in the developing countries. Emphasis will be given to the role of the state intervention and the coalitional politics of dominant class factions in capital accumulation and allocation of surplus for development. The analysis also includes the influence of international economic system as exercised through direct foreign investment and commercial lending institutions. Special attention will also be paid to the impact of militarism on the Third World countries and the problems of environment and sustainable development.

Prereq: Any introductory Political Science course.

POLISCI 341 URBAN EDUCATION: ISSUES & POLICIES Diversity 3 u

This course introduces students to important issues and policies that influence urban schools. It provides a deeper understanding of the difficulties schools, parents, children, and teachers face in making American schools a truly equitable institution. The course is suitable for future teachers and policy professionals interested in the social, political and economic factors that shape urban schooling. Unreq: EDFOUND 341

POLISCI 344 STATE AND LOCAL GOVERNMENT (AREA I COURSE) 3 u

A study of modern American state and local governments, their evolution from colonial beginnings, their problems and their potential. Topics include constitutional revision, the role of governors, legislatures and courts, forms of urban and rural government, and state-local relations.

Prereq: Three units of political science.

POLISCI 345 FEDERALISM 3 u

This course offers a critical and comparative exploration of origins, operation, and significance of federalism in a variety of countries.

Prereq: Three units of Political Science

POLISCI 348 INTERNATIONAL ORGANIZATIONS 3 u

The course will explore theoretical perspectives as well as the expanding roles of international organizations in the context of global politics. Since the end of the Cold War, the United Nations and other regional organizations have played an enhanced role in global governance. It will, therefore, provide an overview of the United Nations system, a number of regional organizations and their contributions to the maintenance of international peace and security.

Prereq: Three Credits in Political Science Unreq: INTRNAR 348

POLISCI 350 INTERNATIONAL LAW (AREA IV COURSE) 3 u

A study of international law, its sources, development and content. Selected readings on theory, and form decisions and opinions of the Permanent Court of International Justice and the International Court of Justice.

Prereq: Three units of political science.

POLISCI 351 INTERNATIONAL RELATIONS (AREA IV COURSE) 3 u

An introductory survey of political relations among nation-states, including the topics of war and peace, nationalism, elements of national power, conventional and nuclear weaponry, diplomacy, economic interdependence, the Third World, and international and regional organizations.

Prereq: Three units of political science.

POLISCI 352 COMPARATIVE GOVERNMENT-EUROPE (AREA III COURSE) 3 u

Comparative analysis of politics in contemporary Europe. Topics covered include the political institutions and political cultures of major states in Europe, nationalism and regionalism in Europe, and the institutions of the European Union.

Prereq: Three units of political science.

POLISCI 356 POLITICAL SOCIOLOGY 3 u

An analysis of the impact of social cleavages and cohesion on the operation of political institutions; the composition and behavior of power elites; the social base of political power; the social functions of electoral behavior.

Prereq: Three units in Sociology or Political Science. Unreq: SOCIOLOGY 356.

POLISCI 357 PUBLIC OPINION AND POLITICAL BEHAVIOR (AREA I COURSE) 3 u

An examination of public opinion in the United States as it concerns political and social behavior. Major topics are the acquisition of beliefs, leadership and opinion formation, voting behavior, and propaganda.

Prereq: Three units of political science.

POLISCI 365 BLACK POLITICAL AND SOCIAL THOUGHT (AREA V COURSE) Diversity 3 u

This course will utilize a Pan-African approach to provide an organized and systematic pattern of social and political ideologies/thought put forth by Black publicists and theorists concerning the organization of their society. As such, it will survey the principal personalities and major protest movements that have emerged in the Diaspora African Community, as well as pay special attention to selected African ideologies and personalities involved in shaping Black political and social thought.

Prereq: AFRIAMR 100 or POLISCI 141 or 610/POLISCI 217 or POLISCI 250.

POLISCI 411 MODERN POLITICAL THOUGHT (AREA V COURSE) 3 u

An introduction to the principal political concepts and ideas of the modern period, including the writings of Machiavelli, Luther, Calvin, Locke, Hobbes, Rousseau, Hegel, Burke and others.

Prereq: Three units of political science

POLISCI 412 CONTEMPORARY POLITICAL THOUGHT (AREA V COURSE) 3 u

A study in depth of certain selected topics of contemporary importance, such as the resolution of power conflicts, the theory and practice of nonviolence, and the existentialist dilemma.

Prereq: Three units of political science.

POLISCI 413 CONSTITUTIONAL LAW (AREA I COURSE) 3 u

A study of judicial review, its meaning and nature. The development of constitutional relationships between the national government and the states as well as among the branches of the national government is considered.

Prereq: Three units of political science.

POLISCI 414 THE CONSTITUTION AND CIVIL LIBERTIES (AREA I COURSE) 3 u

A course focusing on the constitutional development of the freedoms of individuals and the limitations upon the powers of government, both state and national.

Prereq: Three units of political science.

POLISCI 415 CRIMINAL JUSTICE AND THE CONSTITUTION (AREA I COURSE) 3 u

This course examines the role of the major participants in the criminal justice system—defendants, police, prosecutions, courts, and corrections—and the development of constitutional law regulating their behavior.

Prereq: Three units of political science.

POLISCI 416 THE CONSTITUTION AND CIVIL RIGHTS (AREA I COURSE) 3 u

This course focuses on the development of constitutional law in the area of equal rights protections offered by the Fourteenth Amendment and civil rights protections guaranteed by the national government.

Prereq: 3 units of Political Science

POLISCI 418 LEGAL RESEARCH AND WRITING 3 u

The purpose of this course is to introduce students to research and writing in the field of public law. Students will learn how to use a variety of legal resource materials and how to cite the materials appropriately. Students will also demonstrate a mastery of these skills by completing homework assignments and by writing two major papers.

Prereq: Three units of Political Science

POLISCI 419 THE JUDICIAL PROCESS (AREA I COURSE) 3 u

A study of the American judicial system as a part of the larger framework of the political, social and economic systems of the nation. Emphasis will be on topics such as the judicial role, judicial organization and jurisdiction, judicial power, and the decisional process rather than legal cases.

Prereq: Three units of political science.

POLISCI 420 AMERICAN POLITICAL THOUGHT (AREA V COURSE) 3 u

A study of the fundamental political ideas of America and the political philosophers who espoused them from colonial times to the present.

Prereq: Three units of political science.

POLISCI 421 PUBLIC PERSONNEL ADMINISTRATION (AREA II COURSE) 3 u

A critical study of problems of public personnel, with particular emphasis on the process of recruiting and managing people in the public services.

Prereq: Three units of political science Unreq: MANGEMNT 320

POLISCI 430 FORMATION OF PUBLIC POLICY (AREA II COURSE) 3 u

This course will examine the major public policy problems facing the United States today and the political processes seeking to resolve these problems. Special emphasis to be given to governmental cooperation in seeking to resolve these problems. An additional research paper will be required for the graduate students.

Prereq: Three units of political science.

POLISCI 440 THE POLITICS OF GOVERNMENT BUDGETING (AREA II COURSE) 3 u

A course designed to introduce the students to the study of criteria for what services or functions should be undertaken by government and in what amounts; analyzing the effects that government spending and taxes have on the behavior of the private sector of the economy and on the political system, and evaluating the problems and solutions for allocating tax burden equitably among different groups in the society.

Prereq: Three units of political science.

POLISCI 446 POLITICS OF THE METROPOLIS (AREA I COURSE) 3 u

A treatment of social, economic and political forms, structures, processes and behavior in metropolitan communities. Ideas concerning the power structure

and decision-making process, the role of the citizen, and the complex whole of metropolitan life will be discussed.

Prereq: Three units of political science.

POLISCI 456 GOVERNMENT AND POLITICS OF LATIN AMERICA 3 u

This is a survey course of Latin American government and politics. Major concepts and principles of comparative politics are reviewed and applied to the Latin American context. Country studies may include Mexico, Brazil, Argentina, Chile, Cuba, Guatemala, and Venezuela.

Prereq: 3 units of Political Science

POLISCI 457 AMERICAN FOREIGN POLICY (AREA IV COURSE) 3 u

An analysis of the forces and institutions involved in the establishment of American foreign policies. Emphasis is placed on the effect of the growth of American power and responsibility upon the development of foreign policies.

Prereq: Three units of political science.

POLISCI 460 GOVERNMENT AND POLITICS OF ASIA (AREA III COURSE) 3 u

A comparative study of the political structures, institutions, and processes of the nations of Asia. Unreq: ASIANSTD 460

Prereq: Three units of political science.

POLISCI 461/661 GOVERNMENT AND POLITICS OF AFRICA (AREA III COURSE) 3 u

The course will critically analyze the political events, major problems, processes and trends in Sub-Saharan African politics and society. It will also attempt to examine the prospects for economic development and democracy in contemporary Africa. Some African countries will be selected for special attention.

Prereq: Three units of political science. Unreq: AFRIAMR 461/661.

POLISCI 462 SOCIAL WELFARE POLICY 3 u

Provides students with the analysis and critical understanding of the policy issues surrounding historical and current social welfare programs, of new social welfare issues and of policy decisions that lead to changes in programming. Community organization, as an intervention approach, will be explored.

Prereq: Three units of political science. Unreq: SOCWORK 462/662.

POLISCI 463 PEACE STUDIES: CONFLICT RESOLUTION AND CRISES MANAGEMENT (AREA IV COURSE) 3 u

The course will critically analyze the political events, major problems, processes and trends in international and regional conflicts. It will examine the prospect for peaceful negotiation among states and international organizations to solve international crises.

Prereq: Three units of political science.

POLISCI 464 WOMEN IN INTERNATIONAL RELATIONS (AREA IV COURSE) 3 u

This course is designed to provide students with the opportunity to study and analyze international relations from a multi-disciplinary perspective. It will examine current understandings of the causes, processes and structures of international relations, violent conflict, as well as resolution of those conflicts and peace within the context of Feminist theories. The goal is to examine the role of women in international relations, international security, conflict and peace through different approaches to the study of conflict and how it is understood. The course will consider both the strength and limitations of various disciplinary approaches.

The traditional approaches to international relations, international security, international conflict and peace reflect viewpoints consistent with masculine perspectives on power and security. The goal is to consider how the limitations of the approaches can be effectively challenged and what alternatives might be offered. Themes for discussion will include gender, race, ethnicity, nationalism, state, community, conflict and peace.

Prereq: Three units of political science or three units of women's studies.

POLISCI 471 GOVERNMENT AND POLITICS IN THE MIDDLE EAST (AREA III COURSE) 3 u

An intense investigation of the social, economic, and political conditions of Islamic, Arab and non-Arab countries of the Middle East. Topics include basic tenets of Islam: political culture, formation of nation states, political systems (monarchies and republics), consequences of political development and modernization, and the role of the Middle East in international politics.

Prereq: Three units of political science.

POLISCI 472 GOVERNMENT AND POLITICS IN CHINA (AREA III COURSE) 3 u

This course exposes students to the breadth of Chinese government and politics. It briefly overviews the traditional Chinese system, its breakdown, and the rise of communism. It also overviews a more detailed treatment of the characteristics and major events of the communist era. Unreq: ASIANSTD 472

Prereq: Three units of political science.

POLISCI 480 GOVERNMENT AND POLITICS OF JAPAN 3 u

This course will present a historic and thematic overview of political development in contemporary Japan. It consists of analysis of Japanese postwar politics, government decision-making structures and processes, foreign affairs and political economy.

Prereq: Three units of political science Unreq: ASIANSTD 480

POLISCI 489 SEMINAR IN PUBLIC ADMINISTRATION (AREA II COURSE) 3 u

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: POLISCI 320 or consent of instructor.

SPECIAL COURSES

Courses in this section can be counted in the area which was given emphasis during the semester the course was taken.

POLISCI 490/690 WORKSHOP 1-6 u

Repeatable for a maximum of 6 units in major/degree. Prereq: Three units of political science.

POLISCI 491/691 TRAVEL STUDY *Repeatable* 1-3 u**POLISCI 493 INTERNSHIP IN POLITICAL SCIENCE 1-12 u**

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 units in major/degree.

Prereq: Three units of political science or consent of department chairperson.

POLISCI 496/696 SPECIAL STUDIES 1-3 u

Repeatable for a maximum of 6 units in major/degree. Prereq: Three units of political science.

POLISCI 497 EXCHANGE STUDY *Repeatable* 1-12 u**POLISCI 498 INDEPENDENT STUDIES 1-3 u**

Repeatable in major/degree. Prereq: Consent of staff member and chairperson.

POLISCI 499 SENIOR HONORS THESIS 3 u

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.

Phone: 262-472-1026 E-Mail: psychology@uwm.edu

Faculty: Barbara Beaver, Gregory Cook, Douglas Eamon, Roger Knight, James Larson, Joan Littlefield Cook (Chairperson), Carolyn Morgan, Christine Neddenriep, Heather Niemeier, Cliff O'Beirne, Elizabeth Olson, Tracey Scherr, Daniel Stalder, Meg Waraczynski, Shen Zhang.

Psychology science seeks answers to myriad questions about human thought, emotion and behavior. Psychology majors will receive fundamental training in psychological methodologies and will become acquainted with a wide variety of psychological topics. These include the relationship between physiology and behavior, how people acquire and use information, and factors that influence social, emotional, and cognitive development in both adaptive and maladaptive directions.

The Psychology Department offers students several options for planning their college career. The psychology major prepares students with a broad education, flexible outlook, and essential skills - including critical thinking, writing, data-driven decision making, and problem solving - for employment in various business and social services settings. The psychology major curriculum also allows students to consider graduate programs in psychology. In particular, the Scientist-Practitioner Graduate School Preparation Emphasis is especially designed for students anticipating graduate study in practice-related fields such as clinical psychology, counseling psychology, and school psychology. The Psychological Sciences Graduate School Preparation Emphasis is especially designed for students anticipating graduate study in fields such as social psychology, developmental psychology, and cognitive psychology.

MAJORS/EMPHASES**PSYCHOLOGY (BA/BS)****MAJOR - 35 UNITS**

1. PSYCH 211
2. PSYCH 215
3. PSYCH 216
4. CHOOSE 1 COURSE FROM EACH OF 2 GROUPS BELOW:
GRP 1: PSYCH 301
GRP 2: PSYCH 303, OR PSYCH 351
GRP 3: PSYCH 305
5. CHOOSE 1 COURSE FROM EACH OF 2 GROUPS BELOW:
GRP 1: PSYCH 304
GRP 2: PSYCH 331 or PSYCH 332
GRP 3: PSYCH 345
GRP 4: PSYCH 355
6. SELECT SUFFICIENT UNITS OF PSYCHOLOGY ELECTIVES TO BRING TOTAL UNITS IN PSYCHOLOGY TO 35 (ELECTIVES MAY INCLUDE ANY UNUSED COURSES LISTED ABOVE)

MAJOR - WRITING & MATH - 5 UNITS

1. PSYCH 216

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

Note: To declare the Scientist-Practitioner Graduate School Preparation Emphasis or Psychological Sciences Graduate School Preparation Emphasis, students must have a cumulative combined GPA and major GPA of at least 3.00 and GPA of at least 3.00 across PSYCH 211, 215, and 216. Students must maintain a 3.00 GPA overall and in the major to remain enrolled in and to graduate with these emphases.

SCIENTIST-PRACTITIONER GRADUATE SCHOOL PREPARATION EMPHASIS (BA/BS)**MAJOR - 56 UNITS**

1. PSYCH 211
2. PSYCH 215

3. PSYCH 216
 4. PSYCH 301, PSYCH 304, PSYCH 325, PSYCH 327, PSYCH 345, PSYCH 486, PSYCH 486
 5. SELECT 2 COURSES FROM AMONG:
 - GROUP 1: PSYCH 305
 - GROUP 2: PSYCH 331 OR PSYCH 332
 - GROUP 3: PSYCH 303 OR PSYCH 351
 - GROUP 4: PSYCH 355
 6. SELECT 6 TO 9 UNITS FROM PSYCH 407, PSYCH 440, PSYCH 444, PSYCH 480, PSYCH 489, PSYCH 494. SELECTIONS MUST BE APPROVED BY ADVISER.
 7. CAPSTONE REQUIREMENT: CAPSTONE PROPOSAL MUST BE APPROVED BY TRACK COMMITTEE PRIOR TO BEGINNING COURSEWORK. SELECT 6-12 UNITS FROM EITHER OPTION A OR OPTION B:
 - OPTION A: PSYCH 394 AND/OR PSYCH 498 AND/OR PSYCH 498R AND/OR PSYCH 499
 - OPTION B: 6 UNITS OF PSYCH 387 AND 3-6 UNITS OF PSYCH 498
 8. SELECT 0 TO 9 UNITS OF ELECTIVES. CHOICES MUST BE APPROVED BY ADVISER AND TRACK COMMITTEE AND ARE NOT RESTRICTED TO PSYCHOLOGY COURSE WORK.
- A MINOR IS NOT REQUIRED FOR THIS MAJOR.

PSYCHOLOGICAL SCIENCES GRADUATE SCHOOL PREPARATION EMPHASIS (BA/BS)

MAJOR - 56 UNITS

1. PSYCH 211
2. PSYCH 215
3. PSYCH 216
4. PSYCH 391
5. PSYCH 415
6. SELECT 5 COURSES FROM AMONG:
 - PSYCH 301; PSYCH 303; PSYCH 304; PSYCH 305; PSYCH 331 OR PSYCH 332; PSYCH 351; PSYCH 355
7. SELECT 6 UNITS OF PSYCH 394 OR PSYCH 498 TO WORK WITH FACULTY ADVISER ON CAPSTONE PROPOSAL
8. CAPSTONE REQUIREMENT: CAPSTONE PROPOSAL MUST BE APPROVED BY EMPHASIS COMMITTEE PRIOR TO BEGINNING COURSEWORK. SELECT 6-9 UNITS OF PSYCH 499.
9. SELECT 9 TO 12 UNITS OF ELECTIVES. CHOICES MUST BE APPROVED BY ADVISOR AND EMPHASIS COMMITTEE AND ARE NOT RESTRICTED TO PSYCHOLOGY COURSE WORK.

A MINOR IS NOT REQUIRED FOR THIS MAJOR

PSYCHOLOGY (BSE)

LICENSURE - 37 UNITS

1. SECNDED 466
2. EDFOUND 243 OR EDFOUND 445
3. EDFNDPRC 210
4. STUDENT TEACHING
 - A. SELECT 2 OR 12 UNITS FROM CIFLD 412
 - B. SELECT 2 OR 12 UNITS FROM CIFLD 414
5. SECNDED 430
6. EDFOUND 212 AND EDFOUND 425
7. SELECT 3 UNITS FROM COURSE CIFLD 492
8. SPECED 205

UNIQUE REQUIREMENTS

1. PSYCH 216

MAJOR - 35 UNITS

1. PSYCH 211 AND PSYCH 215

2. PSYCH 216
3. PSYCH 301, PSYCH 303, PSYCH 304, PSYCH 331, PSYCH 345 AND PSYCH 355
4. PSYCH 305 OR PSYCH 351
5. SELECT 3 ELECTIVE PSYCHOLOGY UNITS

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIAL STUDIES-BROADFIELD PSYCHOLOGY I EMPHASIS (BSE)

LICENSURE - 43-44 UNITS

1. SPECED 205
2. GEOGRPY 252 (GS) OR BIOLOGY 214 (GM) RLS
3. ECON 213
4. EDFOUND 243 OR EDFOUND 445
5. EDFNDPRC 210 AND EDFOUND 212
6. EDFOUND 425
7. SECNDED 466
8. SECNDED 430 AND CIFLD 492
9. ALTERNATE DIRECTED TEACHING: SELECT 2 UNITS FROM CIFLD 402 OR CIFLD 404
10. DIRECTED TEACHING: IF YOU HAVE TAKEN CIFLD 402 SELECT 12 UNITS OF CIFLD 414 OR IF YOU HAVE TAKEN CIFLD 404 SELECT 12 UNITS OF CIFLD 412

MAJOR - 55 UNITS

1. PSYCH 211 AND PSYCH 215
2. PSYCH 216
3. PSYCH 301, PSYCH 303, PSYCH 304, PSYCH 331, PSYCH 345 AND PSYCH 355
4. PSYCH 305 OR PSYCH 351
5. SELECT 3 ELECTIVE PSYCHOLOGY UNITS
6. SELECT 20 UNITS FROM ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, POLITICAL SCIENCE AND SOCIOLOGY EXCLUDING CORE COURSES

UNIQUE AND WRITING REQUIREMENTS

1. PSYCH 216

MINORS/EMPHASES

PSYCHOLOGY

MINOR - 24 UNITS

1. PSYCH 211
2. PSYCH 215
3. SELECT 1 COURSE FROM
 - PSYCH 301, PSYCH 303 OR PSYCH 305
4. SELECT 1 COURSE FROM
 - PSYCH 304, PSYCH 331, PSYCH 332, PSYCH 345 OR PSYCH 355
5. SELECT 12 ELECTIVE PSYCHOLOGY UNITS TO BRING THE TOTAL TO 24 UNITS

PSYCHOLOGY FOR BUSINESS MAJORS

MINOR - 21 UNITS

1. PSYCH 211
2. SELECT 1 COURSE FROM
 - PSYCH 301, PSYCH 303, PSYCH 305, PSYCH 351 OR PSYCH 424
3. SELECT 1 COURSE FROM
 - PSYCH 304, PSYCH 331, PSYCH 332, PSYCH 345 OR PSYCH 355
4. SELECT 12 UNITS OF ELECTIVES IN PSYCHOLOGY FROM

**PSYCHOLOGY FOR SECONDARY EDUCATION
MAJORS**

MINOR - 23 UNITS

1. PSYCH 211
2. PSYCH 215
3. PSYCH 216, PSYCH 332, PSYCH 345 AND PSYCH 355
4. SELECT 1 COURSE FROM
PSYCH 301, PSYCH 303, PSYCH 305, PSYCH 351, PSYCH
424

Social Studies minor in elementary education curriculum: See L&S Interdepartmental section.

COURSE DESCRIPTIONS

PSYCH 104 PSYCHOLOGY OF HUMAN ADJUSTMENT GS 3 u

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.

PSYCH 202 PSYCHOLOGY OF WOMEN GS 3 u

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.

PSYCH 211 INTRODUCTORY PSYCHOLOGY GS 3 u

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.

PSYCH 215 BASIC STATISTICAL METHODS 3 u

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: Grade of C or better in MATH 141.

PSYCH 216 RESEARCH METHODS 5 u

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: PSYCH 211 and PSYCH 215.

PSYCH 301 INTRODUCTION TO BEHAVIORAL NEUROSCIENCE 3 u

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: PSYCH 211 or 4 units of biology or BIOLOGY 110.

Unreq: BIOLOGY 301

PSYCH 303 LEARNING AND CONDITIONING 3 u

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: PSYCH 211

PSYCH 304 PSYCHOLOGY OF PERSONALITY 3 u

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 in which individuals differ.

Prereq: PSYCH 211

PSYCH 305 PSYCHOLOGY OF PERCEPTION 3 u

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: PSYCH 211

PSYCH 325 CROSS-CULTURAL PSYCHOLOGY 3 u

This course examines the relationship between culture and psychological processes, and should sensitize students to psychological issues relevant in a diverse society. Topics to be examined will include psychological theory and research relevant to differences in race, ethnicity, nationality, language, socioeconomic status, gender, sexual orientation, disability, education, age, and religious and spiritual values.

Prereq: GENED 130, PSYCH 211

PSYCH 327 INTRODUCTION TO THE SCIENTIST-PRACTITIONER DISCIPLINES IN PSYCHOLOGY 3 u

A survey course designed to offer a comprehensive overview of the applied scientist-practitioner professions in psychology (e.g., clinical, school, industrial/organizational, and counseling psychology). Examines roles, activities (assessment, diagnosis, consultation, intervention, and prevention), and current issues.

Prereq: PSYCH 211

PSYCH 331 PSYCHOLOGY OF CHILDHOOD 3 u

An introduction to the psychological research on child development with emphasis on physical, cognitive, social and emotional development.

Prereq: PSYCH 211

PSYCH 332 PSYCHOLOGY OF ADOLESCENCE 3 u

An introduction to the psychological research on adolescent development with emphasis on physical, cognitive, social, emotional, sexual and moral development.

Prereq: PSYCH 211

PSYCH 345/545 ABNORMAL PSYCHOLOGY 3 u

An introductory survey of abnormal psychology covering the clinical syndromes included in the diagnostic classification system of the American Psychiatric Association. Current research regarding causal factors, treatment, and outcomes supplement descriptions of maladaptive patterns of behavior.

Prereq: PSYCH 211 or Graduate standing.

PSYCH 351 COGNITIVE PSYCHOLOGY 3 u

Course will explore processes of thought, attention, memory, language, and problem-solving. Students will explore various theories of cognition from traditional psychological theories (e.g., linguistic vs. image-based thought) to the current computer-based models (e.g., artificial intelligence) and examine relevant evidence to help us gain insight into the workings of the human mind.

Prereq: PSYCH 211.

PSYCH 355 SOCIAL PSYCHOLOGY 3 u

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: PSYCH 211

PSYCH 387 FIELD TRAINING IN PSYCHOLOGY 1-3 u

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 units in major and a maximum of 6 units in degree.

Prereq: Consent of instructor.

PSYCH 391 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 u

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 units in psychology.

PSYCH 394 /594 DIRECTED RESEARCH IN PSYCHOLOGY 3 u

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 units in the psychology major or minor. Topics vary from term to term.

Prereq: consent of instructor

PSYCH 407 PSYCHOLOGY OF EMOTION AND MOTIVATION 3 u

Motivation is fundamental to human behavior, and emotion is intricately involved in motivational processes as both cause and effect. This course offers an introduction to the psychological bases of and interrelations between human emotion and motivation.

Prereq: PSYCH 211 and PSYCH 345 or PSYCH 355

PSYCH 415/615 RESEARCH DESIGN 3 u

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: PSYCH 215 or equivalent and junior standing.

PSYCH 420/620 FOUNDATIONS OF PROFESSIONAL SCHOOL PSYCHOLOGY 3 u

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.

PSYCH 440/640 PSYCHOLOGICAL TESTS AND MEASUREMENTS 3 u

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: PSYCH 215 and junior standing.

PSYCH 444/644 PRINCIPLES OF BEHAVIOR MODIFICATION 3 u

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: PSYCH 211 and junior standing.

PSYCH 480/680 SCHOOL VIOLENCE AND CRISIS MANAGEMENT 3 u

Advanced undergraduates and graduate students who have professional and/or scholarly interests in gaining a greater understanding of the variables associated with violence and crisis management in the public school setting. Emphasis on: Psychological, developmental, and risk correlates of childhood aggression; critical examination of the prevention and intervention models considered most effective and useful in the school setting; in depth understanding of crisis prevention and response models.

Prereq: Junior standing.

PSYCH 486/686 INTERVIEW AND PSYCHOTHERAPY TECHNIQUES 3 u

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: PSYCH 304 or PSYCH 345 and junior standing.

PSYCH 489/689 FAMILY THERAPY 3 u

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: PSYCH 486 or senior or graduate standing or consent of instructor.

PSYCH 490/690 WORKSHOP 1-6 u

Repeatable for a maximum of 6 units in degree. Prereq: Senior standing or consent of instructor.

PSYCH 494 SEMINAR IN PSYCHOLOGY 1-3 u

Repeatable, with permission of the Psychology Department, for a maximum of 6 units in major/degree. Prereq: 12 units in psychology or consent of instructor.

PSYCH 496/696 SPECIAL STUDIES IN PSYCHOLOGY 1-3 u

Repeatable, with permission of department, for a maximum of 6 units in major/degree. Prereq: 12 units in psychology or consent of instructor and junior standing.

PSYCH 497 EXCHANGE STUDY *Repeatable* 1-12 u

PSYCH 498 INDEPENDENT STUDY 1-3 u

Repeatable in combination with PSYCH 498R, for a maximum of 6 units in major and 12 units in degree. Prereq: Minimum 2.75 g.p.a., minimum of 9 units in psychology, junior or senior standing, and consent of instructor.

PSYCH 498R UNDERGRADUATE RESEARCH 1-3 u

Limited to students in the Undergraduate Research Program OR to students whose faculty-recommended project meets departmental expectations for undergraduate research. Repeatable, in combination with PSYCH 498, for a maximum of 6 units in major and 12 units in degree.

Prereq: Minimum 2.75 g.p.a., minimum 9 units in psychology, junior or senior standing, and consent of instructor

PSYCH 499 SENIOR THESIS 3-6 u

Students engage in a critical review or an experimental study of a topic of interest to them under the supervision of a senior thesis committee of the psychology department. Repeatable for a maximum of 6 units in the major.

Prereq: Psychology major or minor with at least 20 units in psychology courses and a minimum combined cumulative GPA of 3.0.

PROGRAM OF RACE AND ETHNIC CULTURES

Phone: 262-472-1553

E-Mail: raceethnic@umn.edu

Faculty: Paul Adogamhe, Lloyd Binagi, E. Howard Grigsby (Coordinator), John Valadez.

The Race and Ethnic Cultures Program offers a 24-UNIT minor composed of 3 units of American Indian Studies, 9 units of African-American Studies, 9 units of Chicano Studies and 3 elective units chosen from a list of approved courses. In an ever changing nation and international community of people, this minor will help broaden students' knowledge of the experiences and contributions racial/ethnic groups have made to this country's development and prosperity and also, to the world's. It complements several majors, preparing students for the future.

MINORS

RACE AND ETHNIC CULTURES

MINOR - 24 UNITS

1. AMERIND 102 OR HISTRY 102 OR HISTRY 324 OR AMERIND 305 OR ANTHROPL 305
2. AFRIAMR 100 AND (AFRIAMR 270 OR SOCIOLOGY 270)
3. SELECT 3 UNITS FROM: AFRIAMR 141, HISTRY 141; AFRIAMR 261, POLISCI 261; AFRIAMR 345/545; AFRIAMR 365, POLISCI 365; AFRIAMR 392, SOCIOLOGY 392, SOCIOLOGY 392; AFRIAMR 396, AFRIAMR 397
4. SELECT 3 UNITS FROM CHICANO 310, CHICANO 320, CHICANO 330
5. SELECT 3 UNITS FROM: CHICANO 200, ENGLISH 200, CHICANO 201, ENGLISH 201
6. SELECT 3 UNITS FROM ANDY CHICANO COURSE (INCLUDING CHICANO 150)
7. SELECT 3 UNITS FROM COURSE ELECTIVES LISTED BELOW:
ANY COURSE NOT USED IN AREAS 1, 3, 4 OR 5 OR AFRIAMR 321, AFRIAMR 461/661, AFRIAMR 491, AFRIAMR 496, AFRIAMR 498, AMERIND 491, AMERIND 496, AMERIND 498, CHICANO 491, CHICANO 496, CHICANO 498, ENGLISH 368/568, PHILSPHY 381, POLISCI 217, POLISCI 461/661, RACEETH 150, RACEETH 202, RACEETH 217, RACEETH 280, RACEETH 368/568, RACEETH 380, RACEETH 393, RACEETH 491, RACEETH 496, RACEETH 498, SOCWORK 380, SOCIOLOGY 391

GENDER AND ETHNIC STUDIES

MINOR - 21 UNITS

1. WOMENST 100 OR APPROVED 100-LEVEL COURSE FROM RACE AND ETHNIC STUDIES
2. 6 UNITS FROM THE FOLLOWING COURSES:
AFRIAMR 100, AFRIAMR 141, AFRIAMR 270 OR SOCIOLOGY 270, AFRIAMR 320 AFRIAMR 396, AFRIAMR 397, AMERIND 102, CHICANO 150, CHICANO 201, CHICANO 310, CHICANO 320, CHICANO 330, CHICANO 200 OR ENGLISH 200, ENGLISH 345, HISTRY 425, POLISCI 266, RACEETH 217 OR POLISCI 217, RACEETH 380 OR SOCWORK 380
3. 6 UNITS FROM THE FOLLOWING COURSES:
ANTHROPL 334, ARTHIST 305, ENGLISH 264, ENGLISH 463, ENGLISH 464, HISTRY 313, HISTRY 314, HISTRY 326, PHILSPHY 390, POLISCI 315, PSYCH 202, RELIGST 330, SOCIOLOGY 345, SOCIOLOGY 379, SOCWORK 341, COMM 326, WOMENST 240, WOMENST 250, WOMENST 280, WOMENST 303, WOMENST 320, WOMENST 350, WOMENST 365 OR HISTRY 365, WOMENST 380, WOMENST 392, WOMENST 464 OR POLISCI 464
4. 3 UNITS FROM THE FOLLOWING COURSES:
ENGLISH 200, ENGLISH 201, ENGLISH 368, WOMENST 370
5. WOMENST 489

COURSE DESCRIPTIONS

RACE AND ETHNIC CULTURES - GENERAL

RACEETH 150 ATLANTIC HISTORY *GH/Diversity* 3 u

This course explores the Atlantic community created as a result of Christopher Columbus' voyage of 1492. It examines the process which drew together the history of four continents, Europe, Africa, North and South America, as a result of the commerce, migrations, and imperial rivalries initiated by the Columbian encounter. The course, thus, focuses not only on the Atlantic Ocean itself as a frontier and zone of interaction but on the destruction and reconfiguration of Indigenous societies, the patterns of labor developed as a result of African slavery, the creation of new world societies, independence

movements and different strategies of accommodation, resistance and rebellion.
Unreq: HISTRY 150

RACEETH 202 INTRODUCTION TO *GH/Diversity* 3 u**U.S. LATINO LITERATURE**

The course will present students with the diverse U.S. Latino experiences, by introducing them to texts that examine literary works by authors of Latino/Latina backgrounds, in their historical context and cultural context.

Unreq: ENGLISH 202

RACEETH 217 ETHNIC POLITICS *GE/Diversity* 3 u

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: POLISCI 217

RACEETH 280 POLITICS OF URBAN *GS* 3 u**INEQUALITY IN THE U.S.**

The course offers a sophisticated depiction of systemic urban inequality that constrains the lives of the urban poor. The readings will feature academic books and research articles that describe and analyze the politics and life experiences in inner-city neighborhoods.

Unreq: POLISCI 280

RACEETH 285 ASIAN AMERICANS *Diversity* 3 u

The course examines the intersection of Asia and United States through peoples who migrated from Asia. It reviews issues of race and ethnicity and provides an overview to Asian cultures so that students can understand Asian American diversity and Asian cultures of origin. It examines the diverse experiences of the various Asian peoples who have migrated to the U.S., including inter-Asian American relations and intergroup relations between Asian Americans and others in the U.S. The course explores issues of Asian American discrimination, stereotypes, identity formation, collective action and pan Asian identities, and hybrid or transnational identities.

Prereq: GENED 130 and GENED 120 or GENED 140, or Sophomore standing. Unreq: SOCIOLOGY 285

RACEETH 368/568 AMERICAN MINORITY *Diversity* 3 u
WOMEN WRITERS

A survey of poetry, fiction, drama, and essays written by African-American, Hispanic-American, Native American, and Asian-American women.

Prereq: ENGLISH 101 and ENGLISH 102 or ENGLISH 161 and ENGLISH 102 or consent of instructor. Unreq: ENGLISH 368/568.

RACEETH 380/580 RACE, ETHNICITY, AND *Diversity* 3 u
SOCIAL JUSTICE: ISSUES FOR HELPING
PROFESSIONALS

The course is designed to help students develop a greater understanding of the influence of one's race and ethnicity on the ways individuals perceive the world and the ways they are treated by others and by society. Within the framework of the helping professions, students will have the opportunity to examine their attitudes toward members of racial and ethnic minorities, develop ways to learn about the participation in and treatment of racial and ethnic minority groups in work, education, and social services, and examine ways to affect one's own attitudes and society to achieve social justice.

Unreq: SOCWORK 380/580.

RACEETH 393 RACIAL & ETHNIC INEQUALITY: 3 u
BEYOND THE CLASSROOM

Readings in theoretical, empirical, and policy literature will offer an in-depth study of racial and ethnic inequality in criminal justice, housing, poverty, health, education and immigration. The class features an experiential component through field trips across the region to thematically orientated site visits with experts in the field of inequality.

Prereq: 3 units of sociology or completion of University Diversity requirement; or consent of instructor. Unreq: SOCIOLOGY 393

RACEETH 490/690 WORKSHOP 1-3 u

Repeatable a maximum of three times.

RACEETH 491/691 TRAVEL STUDY 1-3 u

Prereq: Consent of department

RACEETH 496/696 SPECIAL STUDIES 1-3 u
Repeatable a maximum of three times.

RACEETH 498 INDEPENDENT STUDY 1-3 u
Repeatable three times for maximum of 9 units. Prereq: Cons instr.

AFRICAN-AMERICAN STUDIES

The objectives of African-American Studies are to provide a systematic study of the experiences, conditions, and origins of African-American people, their philosophical, religious, and social values, their various modes of artistic expression, and the way, in which each of these cultural aspects are interrelated. In this way, African-American Studies provides the student with an opportunity to gain knowledge and understanding of the history, social organization, current conditions, and problems that face African-Americans as a racial minority in the United States. Additionally, the study of the African-American experience will unfold and analyze the African-American contribution to the American heritage.

AFRIAMR 100 INTRODUCTION TO *GE/Diversity* BLACK CULTURE 3 u

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.

AFRIAMR 141 MODERN BLACK *GE/Diversity* AMERICAN HISTORY 3 u

A critical examination and analysis of the status and role of Black Americans in the United States since 1865.
Unreq: HISTRY 141

AFRIAMR 261 AFRICAN-AMERICAN *GE/Diversity* POLITICS 3 u

The course examines the African-American experience of race, ethnicity, class, and gender within the context of American political landscape. It will therefore explore the unique history, content and forms of African-American political participation as well as their struggle for freedom and equality as full citizens in the workings of various American political institutions.
Unreq: POLISCI 261

AFRIAMR 270 THE AFRICAN AMERICAN *GE/Diversity* COMMUNITY: A SOCIOLOGICAL PERSPECTIVE 3 u

This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people. (Cross-listed with Sociology)
Unreq: SOCIOLOGY 270.

AFRIAMR 321 A HISTORY OF BLACK MIGRATION IN THE U.S. 3 u

This course will examine and analyze the impact of Black migration from the rural south to the northern urban centers since the turn of the century.
Prereq: Sophomore standing or consent of instructor. Unreq: HISTRY 321

AFRIAMR 345/545 AFRICAN-AMERICAN *Diversity* LITERATURE, 1800 TO THE PRESENT 3 u

A survey of essays, prose, fiction, drama, and poetry written by African-Americans from the Colonial period to the present.
Unreq: ENGLISH 345/545.

AFRIAMR 365 BLACK POLITICAL AND *Diversity* SOCIAL THOUGHT 3 u

This course will utilize a Pan-African approach to provide an organized and systematic pattern of social and political ideologies/thought put forth by Black publicists and theorists concerning the organization of their society. As such, it will survey the principal personalities and major protest movements that have emerged in the Diaspora African Community, as well as pay special attention to selected African ideologies and personalities involved in shaping Black political and social thought.
Prereq: AFRIAMR 100 or POLISCI 141 or RACEETH/POLISCI 217 or POLISCI 250.

AFRIAMR 392 AFRICAN AMERICAN *Diversity* FAMILIES 3 u

This course will survey the historical development of the African-American Family from Africa to modern times. Significant events (e.g., the slave trade, slavery, and migration) will be scrutinized in order to ascertain their role in shaping the contemporary Black Family life. Other important social and economic forces will be illuminated to assess their impact. The latest body of literature, models, paradigms, hypotheses, and statistical findings will be critically examined to enhance understanding of modern day Black Family premarital and marital relations, adaptive patterns, and dislocations. (Offered jointly with Sociology.)

Prereq: 3 units of Sociology or 3 units of African American Studies. Unreq: SOCIOLOGY 392

AFRIAMR 396 CURRENT ISSUES IN *GE/Diversity* BLACK STUDIES: SOCIAL AND BEHAVIORAL SCIENCES 3 u

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.

AFRIAMR 397 CURRENT ISSUES IN *GE/Diversity* BLACK STUDIES: HUMANITIES 3 u

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.

AFRIAMR 461/661 GOVERNMENT AND POLITICS OF AFRICA 3 u

The course will critically analyze the political events, major problems, processes and trends in Sub-Saharan African politics and society. It will also attempt to examine the prospects for economic development and democracy in contemporary Africa. Some African countries will be selected for special attention.

Prereq: Any political science general studies course. Unreq: POLISCI 461/661.

AFRIAMR 490/690 WORKSHOP *Repeatable* 1-3 u

AFRIAMR 491/691 TRAVEL STUDY *Repeatable* 1-3 u

AFRIAMR 494 SEMINAR *Repeatable* 1-3 u

AFRIAMR 496/696 SPECIAL STUDIES *Repeatable* 1-3 u

AFRIAMR 498 INDEPENDENT STUDY 1-3 u

AMERICAN INDIAN STUDIES

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.

AMERIND 102 INTRODUCTION TO *GH/Diversity* AMERICAN INDIAN STUDIES 3 u

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.
Unreq: HISTRY 102

AMERIND 305 NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL 3 u

This course, while assessing anthropology's long-term relationship with Native North America, primarily presents an opportunity for students to engage with the representation of contemporary Native cultures (and identity)

through ethnographic reading and study. This will be accomplished through autobiographic, ethnographic, and medical anthropological literatures (and other media forms). Students will be asked to react through discussion, writing, and examination.

Prereq: 3 credits in anthropology or sociology or permission of instructor.
Unreq: ANTHROPL 305

AMERIND 490/690 WORKSHOP 1-3 u
Repeatable a maximum of three times.

AMERIND 491/691 TRAVEL STUDY *Repeatable* 1-3 u

AMERIND 496/696 SPECIAL STUDIES 1-3 u
Repeatable three times for a maximum of 9 units.

AMERIND 498 INDEPENDENT STUDY 1-3 u
Repeatable three times for a maximum of 9 units. Prereq: Consent of instructor.

CHICANO STUDIES

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 Chicanos in, and their 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.

CHICANO 150 INTRODUCTION TO CHICANO STUDIES *GE/Diversity* 3 u

Identifies and interprets internal and external cultural experiences converging to form the present day Chicano.

CHICANO 200 CHICAN@ LITERATURE: TO 1980 *GE/Diversity* 3 u

Identifies and interprets Chicano@ literature in a social and historical context with emphasis on texts written before 1980. All Spanish language texts are provided in translation. (Also offered as ENGLISH 200 by Languages & Literatures Department.)
Unreq: ENGLISH 200.

CHICANO 201 CONTEMPORARY CHICANO LITERATURE *GE/Diversity* 3 u

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 ENGLISH 201 by English Department.)
Unreq: ENGLISH 201.

CHICANO 310/510 HISTORY OF CHICANOS IN THE U.S.: 19TH CENTURY ROOTS AND 20TH CENTURY DEVELOPMENT *GE/Diversity* 3 u

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.

CHICANO 320/520 POLITICS OF THE CHICANO *GE/Diversity* 3 u

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.

CHICANO 330 CHICANO AND LATINO AMERICAN THOUGHT *GE/Diversity* 3 u

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.

CHICANO 490/690 WORKSHOP 1-3 u
Repeatable a maximum of three times.

CHICANO 491/691 TRAVEL STUDY *Repeatable* 1-3 u

CHICANO 494 SEMINAR 1-3 u
Repeatable a maximum of three times.

CHICANO 496/696 SPECIAL STUDIES 1-3 u
Repeatable a maximum of three times.

CHICANO 498 INDEPENDENT STUDY 1-3 u
Repeatable three times for a maximum of 9 units. Prereq: Consent of instructor.

DEPARTMENT OF SOCIAL WORK

Phone: 262-472-1137

E-Mail: socwork@unm.edu

Faculty: Debra Borquist, William Powell, Tim Reutebuch, Sarah Sheridan, Mike Wallace, James Winship (Chairperson).

The primary objective of the social work major is preparation of students for beginning level professional generalist social work practice. The major emphasizes development of students' practice skills by providing classroom and internship content in the wide variety of social and personal problems encountered by individuals, groups, families, organizations, and communities. Relationship and problem-solving techniques are stressed during the phases of studying, analyzing, testing, and evaluating social problems in both urban and rural areas. Many types of employment settings are available for professional social workers including counseling, foster care, adoption, child protective services, probation and parole, services to single parents, day care, public assistance, services to people of color and women, school social services, drug and alcohol counseling, services for the elderly, and positions in the areas of community organization, social planning and social action.

MAJOR

Requirements for admission into the Professional Segment (i.e., Social Work Practice and Practicum courses) of the Social Work major include: a 2.25 overall grade point minimum is needed to enroll in practice courses (SOCWORK 371, SOCWORK 372, and SOCWORK 473) and in Social Work Experience (SOCWORK 493). Exceptions will be made for students having a 2.50 GPA for the last two semesters having taken at least nine units during each semester; or a 2.75 GPA having taken at least nine units 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.

1. SOCWORK 102
2. SOCWORK 311 AND SOCWORK 312
3. SOCWORK 371, SOCWORK 372 AND SOCWORK 402
4. SOCWORK 462 AND SOCWORK 473
5. SELECT 12 UNITS FROM COURSE SOCWORK 493

UNIQUE REQUIREMENT - 10 - 11 UNITS

1. POLISCI 141
2. GENED 130
3. BIOLOGY 120 OR OTHER DEPARTMENT APPROVED BIOLOGY COURSE

MINOR

HUMAN SERVICES FOUNDATIONS

MINOR - 24 UNITS

1. SELECT ANY THREE COURSES FROM THE FOLLOWING: PSYCH 202, PSYCH 331, PSYCH 332, SOCWORK 102, SOCWORK 235, SOCWORK 325, SOCWORK 337, SOCWORK 341, SOCWORK 380, OR WOMENST 350
2. SELECT ONE OF THE FOLLOWING COURSES: ENGLISH 370, ENGLISH 372, PSYCH 215, OR MATH 230
3. SELECT 12 UNITS LISTED IN THIS SECTION. COURSES NOT USED IN THE CORE CAN BE USED TO SATISFY ELECTIVES. THE FOLLOWING COURSE(S) MAY BE USED TO SATISFY THIS REQUIREMENT: COUNSED 450, ENGLISH 274, ENGLISH 370, ENGLISH 372, MATH 230, PHILSPHY 245, PHILSPHY 261, PHILSPHY 365, PSYCH 202, PSYCH 215, PSYCH 331, PSYCH 332, PSYCH 345, PSYCH 387, PSYCH 444, PSYCH 486, PSYCH 489, SAFETY 255, SOCWORK 102, SOCWORK 235, SOCWORK 301, SOCWORK 302, SOCWORK 303, SOCWORK 311, SOCWORK 325, SOCWORK 330, SOCWORK 337, SOCWORK 341, SOCWORK 350, SOCWORK 380, SOCWORK 498, WOMENST 100, WOMENST 350, WOMENST 370, COMDIS 270

COURSE DESCRIPTIONS

SOCWORK 102 INTRODUCTION TO SOCIAL WELFARE 3 u

This course is an introduction to the history and philosophy of social welfare, to social work and other helping professions, 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. A service learning experience is required of all students, providing a hands-on exploration into their selected area of social services. Required for all social work majors.

SOCWORK 235 CHILD WELFARE 3 u

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: SOCWORK 102 or cons instr.

SOCWORK 301/501 ASSERTIVENESS TRAINING IN THE HELPING PROFESSIONS 1 u

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.

SOCWORK 302/502 GRIEF MANAGEMENT IN THE HELPING PROFESSIONS 1 u

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.

SOCWORK 303/503 MANAGING STRESS AND BURNOUT IN THE HELPING PROFESSIONS 1 u

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.

SOCWORK 311/511 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I 3 u

This course is designed to provide students with an understanding of the processes of bio-psycho and socio-cultural development from infancy to young adulthood. Material is also presented on the social systems (families, groups, organizations, and communities) in which individuals live.
Prereq: GENED 130 and SOCWORK 102, only one of which may be taken concurrently.

SOCWORK 312/512 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II 3 u

This course is designed to provide the student with an understanding of the processes of bio-psycho and socio-cultural development from middle adulthood through old age. Material is also presented on the social systems (mezzo and macro) in which individuals live.
Prereq: SOCWORK 311, Special undergraduates and graduate students must have approval of the department chair.

SOCWORK 325 SOCIAL WORK WITH CHILDREN AND ADOLESCENTS 3 u

This course is designed to introduce undergraduate students to the knowledge and skills necessary for working with children and adolescents. The course begins with assessment and interview of this population, provides an overview of child welfare policy (Wisconsin Juvenile Code), examines practice settings (i.e. group homes), abuse/neglect, gay/lesbian, etc. Discussion will include focus on current intervention approaches.
Prereq: SOCWORK 371

SOCWORK 330 LEGAL ISSUES IN SOCIAL WORK PRACTICE 3 u

This course introduces students to the knowledge and skills necessary to work with the court system and advocate for their clients within that system. Chapters 48, 51, 55, and 938 and court testimony will be explained. Students will follow a case, make decisions around their case and write court reports throughout the course.
Prereq: SOCWORK 102

SOCWORK 337/537 INTRODUCTION TO SOCIAL GERONTOLOGY 3 u

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.

SOCWORK 341/541 SEXUALITY FOR PROFESSIONAL GROWTH 3 u

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.

SOCWORK 350 PSYCHOPHARMACOLOGY BASICS FOR THE HELPING PROFESSIONAL 3 u

This course focuses on introducing students to the basic principles of psychotropic medication and their role when working with clients taking

psychotropic medication. Basic neuropsychological principles and diagnostic groups involving various classes of psychopharmacological medications will be discussed. It will introduce the student to medical terminology and the medical field.

SOCWORK 371 SOCIAL WORK PRACTICE I 3 u

This course presents contemporary theoretical approaches to social work practice with individuals, groups, families, organizations and communities. This course uses a competency approach to assess and develop student interviewing and interpersonal skills, emphasizing social work practice with individuals.

Coreq: SOCWORK 311.

Prereq: Junior status, combined cumulative GPA of 2.25 required, also Social Work major or consent of department

SOCWORK 372 SOCIAL WORK PRACTICE II 3 u

This course is designed to provide knowledge and skills needed to engage in generalist social work practice, including further development of interviewing and interpersonal skills. The course has an emphasis on social work practice with groups and communities.

Prereq: SOCWORK 311, SOCWORK 371. Combined cumulative GPA of 2.25 required.

**SOCWORK 380/580 RACE, ETHNICITY, Diversity 3 u
AND SOCIAL JUSTICE: ISSUES FOR HELPING
PROFESSIONALS**

The course is designed to help students develop a greater understanding of the influence of one's race and ethnicity on the ways individuals perceive the world and the ways they are treated by others and by society. Within the framework of the helping professions, students will have the opportunity to examine their attitudes toward members of racial and ethnic minorities, develop ways to learn about the participation in and treatment of racial and ethnic minority groups in work, education, and social services, and examine ways to affect one's own attitudes and society to achieve social justice.

Unreq: RACEETH 380/580.

**SOCWORK 440/640 ADVANCED STRESS 3 u
MANAGEMENT**

The class emphasis is on 1) facilitating stress management in others, 2) coping with "deep" stress such as trauma and low self-esteem, and 3) alternative avenues for coping such as Tai Chi, yoga, art therapy, and meditation. This course is appropriate for anyone in the helping professions.

Prereq: HEALTHED 362/562 or SOCWORK 303 or consent of instructor.

SOCWORK 402/602 SOCIAL WORK RESEARCH 3 u

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: SOCWORK 371.

SOCWORK 462/662 SOCIAL WELFARE POLICY 3 u

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: SOCWORK 371 and POLISCI 141. Unreq: POLISCI 462/662.

SOCWORK 473/673 SOCIAL WORK PRACTICE III 3 u

This course will cover advanced problem solving approaches for intervention with individuals, families, groups, organizations, and communities. The class will utilize simulated practice situations. The course has an emphasis on social work practice with families and organizations.

Prereq: SOCWORK 372 Coreq: SOCWORK 312, Combined cumulative GPA of 2.25 required, Special undergraduates and graduate students must have approval of the department chair.

SOCWORK 490/690 SOCIAL WORK WORKSHOP 1-6 u

Repeatable. Prereq: Consent of instructor.

SOCWORK 493 SOCIAL WORK EXPERIENCE 3-12 u

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 units) for one semester or summer, or over two semesters at 6 units per semester. A total of 480 hours in the agency is required in either option.

Prereq: All other required social work courses must be completed, and consent of instructor. Combined cumulative GPA of 2.25 required.

**SOCWORK 494/694 SEMINAR IN SOCIAL WORK 3 u
METHODS**

Repeatable. Prereq: SOCWORK 371 or consent of instructor.

SOCWORK 496/696 SPECIAL STUDIES Repeatable 1-3 u

Prereq: SOCWORK 102.

SOCWORK 497 EXCHANGE STUDY Repeatable 1-12 u

**SOCWORK 498 INDEPENDENT STUDY IN 1-3 u
SOCIAL WORK**

Repeatable. Prereq: Consent of instructor.

**SOCWORK 499 SENIOR HONOR THESIS 3 u
IN SOCIAL WORK**

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, ANTHROPOLOGY AND CRIMINAL JUSTICE

Phone: 262-472-1133

E-Mail: sociology@unwm.edu

Faculty: Margarita Alario, Ronald Berger (Chairperson), Melissa Deller, C. Holly Denning, Jennifer Flad, Marvin Free, Paul Gregory, Eugene Grigsby, Peter Killoran, Leda Nath, Scott Neubauer, W. Lawrence Neuman, Charles Ogg, Michael Oldani, Richard Salem, Diane Soles, Wayne Youngquist.

The Department of Sociology, Anthropology, and Criminal Justice offers a variety of programs that link coursework in the social sciences to students' career-related objectives and also prepares students for post-graduate work in a variety of professions such as law, criminal justice, urban planning, public health, social work, and university teaching and research.

In addition to the general Sociology Major and Minor, the department offers several emphases and minors that build upon the discipline of sociology: the systematic study of human group behavior that seeks to understand the processes by which people build, maintain, and changes their institutional arrangements and relationships with one another in an increasingly complex and global world.

The Sociology-Criminal Justice Emphasis Major and Criminal Justice Minor focus on the nature and causes of criminal and delinquent behavior and the operation of the criminal justice system in the United States. The Sociology-Global Comparative Emphasis Major entails analysis and comparison of social institutions, processes, and relationships across social and cultural settings, both within and between national borders. The Family and Health Studies Minor focuses on the personal and social dimensions of family and health issues. The Forensics Minor involves practical applications of physical science to the fields of criminal justice and law. The Anthropology Minor involves the cross-cultural study of humankind, both past and present, including its origins and development and material and nonmaterial culture through archeological, biophysical, ethnographic, and linguistic perspectives.

Groups of Courses Within Sociology

Group 1A--Social Structure, Interaction, and Change: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 362, SOCIOLOGY 380, SOCIOLOGY 390

Group 2A--Inequality and Diversity: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 280, SOCIOLOGY 285, SOCIOLOGY 345, SOCIOLOGY 351, SOCIOLOGY 353, SOCIOLOGY 393

Group 3A--Family, Health, and Environment: SOCIOLOGY 252, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 342, SOCIOLOGY 392

Group 4A--Crime, Criminal Justice, and Law: SOCIOLOGY 276, SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379, SOCIOLOGY 426

Group 5A – Global Comparative: ANTHROPL 310, SOCIOLOGY 290, SOCIOLOGY 319, SOCIOLOGY 321, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391, SOCIOLOGY 491

Applied Courses: SOCIOLOGY 478, SOCIOLOGY 493

Other Electives: SOCIOLOGY 490, SOCIOLOGY 491, SOCIOLOGY 496, SOCIOLOGY 498, SOCIOLOGY 499

Required Courses: SOCIOLOGY 240, SOCIOLOGY 473, SOCIOLOGY 476. REQUIRED COURSES DO NOT SATISFY GROUP REQUIREMENTS.

OTHER COURSES - ADVISOR APPROVAL

SOCIOLOGY (BA/BS)

MAJOR - 33 UNITS

1. SOCIOLOGY 240
2. SOCIOLOGY 473 OR SOCIOLOGY 420 (Satisfies Major Writing Requirement)
3. SOCIOLOGY 476 (Satisfies Computer Literacy and Statistics)
4. SELECT AT LEAST 3 UNITS FROM EACH OF THE 5 NUMBERED GROUPS BELOW. INCLUDE AT LEAST 9 UNITS FROM COURSES NUMBERED 300 OR ABOVE.
GRP 1: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 380
GRP 2: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 285, SOCIOLOGY 345, SOCIOLOGY 351, SOCIOLOGY 353, AND SOCIOLOGY 393
GRP 3: SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 342, SOCIOLOGY 362, AND SOCIOLOGY 392
GRP 4: SOCIOLOGY 276, SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379 AND SOCIOLOGY 426
GRP 5: ANTHROPL 218, ANTHROPL 310, SOCIOLOGY 319, SOCIOLOGY 321, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391 AND SOCIOLOGY 491
5. ELECTIVES INCLUDE SOCIOLOGY 490, SOCIOLOGY 493, SOCIOLOGY 496, SOCIOLOGY 498 AND SOCIOLOGY 499
6. A MAXIMUM OF 6 UNITS OF SOCIOLOGY 493 CAN COUNT IN THE MAJOR
7. SOCIOLOGY REQUIRED AND ELECTIVE UNITS TO TOTAL 33. GENED 130 NOT APPLICABLE.

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIOLOGY GLOBAL COMPARATIVE STUDIES EMPHASIS (BA/BS)

MAJOR 54 UNITS (30 units Sociology, 24 units Comparative Studies)

1. SOCIOLOGY 240
2. SOCIOLOGY 473 or SOCIOLOGY 420 (Writing requirement is satisfied)
3. SOCIOLOGY 476 (Satisfies Computer Literacy and Statistics)
4. SELECT AT LEAST 3 UNITS FROM EACH OF THE 5 NUMBERED GROUPS BELOW. INCLUDE AT LEAST 9 UNITS FROM COURSES NUMBERED 300 OR ABOVE.
GROUP 1A: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 380
GROUP 2A: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY

285, SOCIOLOGY 345, SOCIOLOGY 351, SOCIOLOGY 353, AND SOCIOLOGY 393

GROUP 3A: SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 342, SOCIOLOGY 362, AND SOCIOLOGY 392

GROUP 4A: SOCIOLOGY 276, SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379 AND SOCIOLOGY 426

GRP 5A: ANTHROPL 218, ANTHROPL 310, SOCIOLOGY 319, SOCIOLOGY 321, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391 AND SOCIOLOGY 491

5. ELECTIVES INCLUDE SOCIOLOGY 490, SOCIOLOGY 493, SOCIOLOGY 496, SOCIOLOGY 498 AND SOCIOLOGY 499
6. A MAXIMUM OF 6 UNITS OF SOCIOLOGY 493 CAN COUNT IN THE MAJOR
7. COMPLETE A SECOND SEMESTER COLLEGE-LEVEL COURSE IN ANY FOREIGN LANGUAGE WITH A GRADE OF C OR HIGHER OR PASS A TEST DEMONSTRATING EQUIVALENT FOREIGN LANGUAGE PROFICIENCY
8. SELECT SIX UNITS FROM THE FOLLOWING: ANTHROPL 218 OR ANTHROPL 334, ECON 359 OR POLISCI 255, GEOGRPY 230, PSYCH 325, SOCIOLOGY 391
9. SELECT THREE UNITS FROM GROUPS 1B AND 2B AND SIX UNITS FROM GROUP 3B. NO MORE THAN SIX OF THE TWELVE UNITS CAN BE FROM THE SAME DEPARTMENT. COURSES CREDITED TOWARD AREA "A" CANNOT BE CREDITED TOWARD AREA "B".
GROUP 1B: ECON 360 OR ECON 431, GEOGRPY 346, HISTRY 367, SOCIOLOGY 385
GROUP 2B: GEOGRPY 362, HISTRY 307, HISTRY 360, HISTRY 377, POLISCI 352, RELIGST 212
GROUP 3B: ANTHROPL 310, GEOGRPY 336, GEOGRPY 361, GEOGRPY 363, GEOGRPY 364, GEOGRPY 365, GEOGRPY 368, HISTRY 337, HISTRY 338, HISTRY 340, HISTRY 343, HISTRY 346, HISTRY 347, HISTRY 372, HISTRY 385, HISTRY 346, INTRNAR 260, POLISCI 340, POLISCI 460, POLISCI 461, POLISCI 471, POLISCI 472, POLISCI 480, RELIGST 211, RELIGST 303, SOCIOLOGY 350
10. ELECTIVES: SELECT SIX UNITS FROM GROUPS 1B, 2B, 3B OR 4B OR THE FOLLOWING INTRNAR 488, MANGEMNT 410, MANGEMNT 465, MARKETNG 361 OR SOCIOLOGY 493 SELECTED IN CONSULTATION WITH ADVISOR: INCLUDING TRAVEL STUDY AND/OR STUDY ABROAD TRANSFER CREDITS. COURSES CREDITED TOWARD SECTION 5 OR AREA "A" OR "B" REQUIREMENTS CANNOT BE CREDITED IN SECTION 7.

SOCIOLOGY - HONORS EMPHASIS (BA/BS)

MAJOR - 54 UNITS

1. SOCIOLOGY 240
2. SOCIOLOGY 473 (SATISFIES MAJOR WRITING REQUIREMENT)
PLUS 3 UNITS ADDITIONAL THEORY CHOSEN FROM:
ANTHROPL 390, POLISCI 412/612, PSYCH 391, PHILSPHY 281, PHILSPHY 291, WOMENST 280, AFRIAMR 365, ECON 404/604
3. SOCIOLOGY 476 (SATISFIES COMPUTER LITERACY AND STATISTICS)
PLUS 3 UNITS ADDITIONAL STATISTICS OR RESEARCH METHODS COURSE CHOSEN FROM:
MATH 230, MATH 231, MATH 342, PSYCH 215, ECON 245
4. SELECT AT LEAST 3 UNITS FROM EACH OF THE 5 NUMBERED GROUPS BELOW: INCLUDE AT LEAST 9 UNITS FROM COURSES NUMBERED 300 OR ABOVE.
a. GROUP 1: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY

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- 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 380 AND SOCIOLOGY 390
- GROUP 2: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 280, SOCIOLOGY 285, SOCIOLOGY 345, SOCIOLOGY 351, SOCIOLOGY 353 AND SOCIOLOGY 393
 - GROUP 3: SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 342 SOCIOLOGY 362, AND SOCIOLOGY 392
 - GROUP 4: SOCIOLOGY 276, SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379 AND SOCIOLOGY 426
 - GROUP 5: SOCIOLOGY 290, ANTHROPL 310, SOCIOLOGY 319, SOCIOLOGY 321, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391 AND SOCIOLOGY 491
- 3 UNIT FOREIGN LANGUAGE COURSE AT 3RD SEMESTER OR HIGHER, OR TRAVEL STUDY COURSE
 - ADDITIONAL 2 UNIT SOCIOLOGY 498R (SATISFIES PREPARATION FOR SENIOR HONORS THESIS)
 - ADDITIONAL 6 UNITS 300- OR ABOVE SOCIOLOGY (EXCLUDING SOCIOLOGY 498 AND SOCIOLOGY 499) AND WITH HONORS DESIGNATION
 - ADDITIONAL 4 UNITS SOCIOLOGY 499 (PREREQUISITES: SENIOR STANDING, 3.40 GPA, SOCIOLOGY 473 WITH B OR HIGHER GRADE, SOCIOLOGY 476 WITH B OR HIGHER GRADE, SOCIOLOGY 498)
 - ELECTIVES INCLUDE SOCIOLOGY 478, SOCIOLOGY 490, SOCIOLOGY 491, SOCIOLOGY 493, SOCIOLOGY 496, SOCIOLOGY 498, SOCIOLOGY 499
 - ADDITIONAL ELECTIVE UNITS FROM AREAS 2, 3, 4 AND 9 ABOVE CHOSEN IN CONSULTATION WITH ADVISOR TO TOTAL 54. GENED 130 NOT APPLICABLE

SOCIOLOGY (BSE)

LICENSURE - 42 UNITS

- EDFOUND 212, EDFOUND 425 AND SECNDED 466
- EDFOUND 243 OR EDFOUND 445
- SELECT 2 UNITS FROM CIFLD 210
- STUDENT TEACHING: SELECT 2 UNITS FROM CIFLD 402 OR CIFLD 404
- STUDENT TEACHING: SELECT 12 UNITS FROM CIFLD 414 OR CIFLD 412
- SECNDED 430
- GEOGRPY 252 OR BIOLOGY 214
- ECON 213
- SELECT 3 UNITS FROM COURSE CIFLD 492
- SELECT 3 UNITS FROM SPECED 205

MAJOR - 33 UNITS

- SOCIOLOGY 240
- SOCIOLOGY 473 (SATISFIES MAJOR WRITING REQUIREMENT)
- SOCIOLOGY 476 (SATISFIES COMPUTER LITERACY AND STATISTICS REQUIREMENT)
- SELECT AT LEAST 1 COURSE FROM EACH OF THE 4 NUMBERED GROUPS BELOW. INCLUDE AT LEAST 9 UNITS FROM COURSES NUMBERED 300 OR ABOVE.
GRP 1A: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 362, SOCIOLOGY 380, SOCIOLOGY 385 AND SOCIOLOGY 390
GRP 2A: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 280, SOCIOLOGY 285, SOCIOLOGY 290, SOCIOLOGY 345, SOCIOLOGY 350, SOCIOLOGY 351, SOCIOLOGY 353, SOCIOLOGY 388, SOCIOLOGY 391, SOCIOLOGY 430
GRP 3A: SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 319, SOCIOLOGY 342, AND SOCIOLOGY 392

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- GRP 4A: SOCIOLOGY 276, SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379 AND SOCIOLOGY 426
- OTHER COURSES INCLUDE: SOCIOLOGY 478, SOCIOLOGY 490, SOCIOLOGY 491, SOCIOLOGY 493, SOCIOLOGY 494, SOCIOLOGY 496, SOCIOLOGY 498, SOCIOLOGY 499
 - SELECT REQUIRED AND ELECTIVE UNITS TO TOTAL 33
GENED 130 NOT APPLICABLE

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

SOCIOLOGY - CRIMINAL JUSTICE EMPHASIS (BA/BS)

MAJOR - 54 UNITS

Sociology - 30 units

- SOCIOLOGY 240
- SOCIOLOGY 473 OR SOCIOLOGY 420 (Satisfies Writing Requirement)
- SOCIOLOGY 476 (Satisfies Computer Literacy and Statistics)
- SELECT AT LEAST THREE UNITS FROM EACH OF THE 5 NUMBERED "A" GROUPS BELOW. INCLUDE AT LEAST NINE UNITS FROM COURSES NUMBERED 300 OR ABOVE.
GROUP 1A: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 380
GROUP 2A: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 285, SOCIOLOGY 345, SOCIOLOGY 351, SOCIOLOGY 353, AND SOCIOLOGY 393
GROUP 3A: SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 342 SOCIOLOGY 362, AND SOCIOLOGY 392
GROUP 4A: SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379 AND SOCIOLOGY 426
GROUP 5A: ANTHROPL 218, ANTHROPL 310, SOCIOLOGY 319, SOCIOLOGY 321, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391 AND SOCIOLOGY 491
- ELECTIVES INCLUDE: SOCIOLOGY 490, SOCIOLOGY 493, SOCIOLOGY 496, SOCIOLOGY 498 AND SOCIOLOGY 499
- A MAXIMUM OF 6 UNITS OF SOCIOLOGY 493 CNA COUNT IN THE MAJOR

Criminal Justice - 24 units

- SOCIOLOGY 276
- SELECT SIX TO TWELVE UNITS FROM:
GROUP 1B: SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 379
- SELECT SIX TO TWELVE UNITS FROM:
GROUP 2B: CRIMJUS 321, CRIMJUS 322, CRIMJUS 325, CRIMJUS 329, POLISCI 316, POLISCI 415, POLISCI 419, SOCIOLOGY 374, SOCIOLOGY 378 AND SOCIOLOGY 426
- SELECT ZERO TO NINE UNITS FROM:
GROUP 3B: POLISCI 414, POLISCI 462, PSYCH 304, PSYCH 331, PSYCH 332, PSYCH 345, PSYCH 355, PSYCH 486, SAFETY 255, SOCWORK 102, SOCWORK 235, SOCWORK 311, SOCWORK 380, COMM 244, COMM 328, COMM 424, SOCIOLOGY 265, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 365
- COURSES CREDITED TOWARD AREA "A" CANNOT BE CREDITED TOWARD AREA "B"
- APPLIED SOCIOLOGY COURSES: SOCIOLOGY 493

SOCIAL STUDIES BROADFIELD - SOCIOLOGY EMPHASIS (BSE)

LICENSURE - 41 UNITS

- SECNDED 466
- EDFOUND 243
- SELECT 3 UNITS FROM EDFNDPRC 210
- STUDENT TEACHING: SELECT 2 UNITS FROM CIFLD 402 OR CIFLD 404

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- 4B. STUDENT TEACHING: SELECT 12 UNITS FROM CIFLD 414 OR CIFLD 412
5. SECNDED 430
 6. GEOGRPY 252 OR BIOLOGY 214
 7. ECON 213
 8. EDFOUND 212 AND EDFOUND 425
 9. SELECT 3 UNITS FROM COURSE CIFLD 492
 10. SELECT 3 UNITS FROM SPECED 205

MAJOR - 54 UNITS

33 CREDITS OF SOCIOLOGY FROM NUMBERS 1-6

1. SOCIOLOGY 240
2. SOCIOLOGY 473 (SATISFIES MAJOR WRITING REQUIREMENT)
3. SOCIOLOGY 476 (SATISFIES COMPUTER LITERACY AND STATISTICS)
4. SELECT AT LEAST THREE UNITS FROM EACH OF THE 5 NUMBERED GROUPS BELOW. INCLUDE AT LEAST 9 UNITS FROM COURSES NUMBERED 300 AND ABOVE
 - GRP 1: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 380, AND SOCIOLOGY 390
 - GRP 2: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 280, SOCIOLOGY 285, SOCIOLOGY 345, SOCIOLOGY 351, SOCIOLOGY 353, AND SOCIOLOGY 393
 - GRP 3: SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 342, SOCIOLOGY 362, AND SOCIOLOGY 392
 - GRP 4: SOCIOLOGY 276, SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379 AND SOCIOLOGY 426
 - GRP 5: SOCIOLOGY 290, ANTHROPL 310, SOCIOLOGY 319, SOCIOLOGY 321, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391 AND SOCIOLOGY 491
5. ELECTIVES INCLUDE SOCIOLOGY 478, SOCIOLOGY 490, SOCIOLOGY 493, SOCIOLOGY 496, SOCIOLOGY 498 AND SOCIOLOGY 499
6. SELECT 9-12 UNITS FROM TWO OF THE FOLLOWING DEPARTMENTS FOR A TOTAL OF 21 UNITS:
 - A. SELECT 9-12 UNITS FROM GEOGRAPHY, EXCLUDING GEOGRPY 210, 300, 310, 320, 323, 330, AND 450. AT LEAST 3 UNITS MUST BE CHOSEN FROM GEOGRPY 230, 250, AND 252.
 - B. SELECT 9-12 UNITS FROM POLITICAL SCIENCE. AT LEAST 3 UNITS MUST BE CHOSEN FROM POLISCI 141 OR 250
 - C. SELECT 9-12 UNITS FROM ECONOMICS, EXCLUDING ECON 245 AND 345. AT LEAST 3 UNITS MUST BE CHOSEN FROM ECON 202 OR 213
 - D. SELECT 9-12 UNITS FROM PSYCHOLOGY, EXCLUDING PSYCH 215. AT LEAST 3 UNITS MUST BE CHOSEN FROM PSYCH 104, 202 OR 211
 - E. SELECT 9-12 UNITS FROM HISTORY, SELECT 1 COURSE FROM EACH OF THE FOLLOWING AREAS: ADD A SECOND COURSE FROM ANY AREA:
 - AREA 1: HISTRY 124 OR HISTRY 125, HISTRY 311
 - AREA 2: HISTRY 154, HISTRY 155
 - AREA 3: HISTRY 130 OR HISTRY 131, HISTRY 135 OR HISTRY 337, HISTRY 340, HISTRY 342 OR HISTRY 343

MINORS

FAMILY AND HEALTH STUDIES

MINOR - 24 UNITS

NO MORE THAN 12 UNITS CAN BE TAKEN FROM ONE DEPARTMENT

1. FAMILY: SELECT AT LEAST 6 UNITS FROM THESE COURSES:

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- CRIMJUS 322, PSYCH 331, PSYCH 332, PSYCH 489, SOCIOLOGY 252, SOCIOLOGY 342, SOCIOLOGY 345, SOCIOLOGY 392, SOCWORK 235, SOCWORK 337, COMM 368, WOMENST 350
2. HEALTH: SELECT AT LEAST 6 UNITS FROM THESE COURSES:
 - ANTHROPL 302, ANTHROPL 316, COMDIS 270, ECON 445, GEOGRPY 252, HEALTHED 360, PHILSPHY 247, PHILSPHY 365, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 315, SOCIOLOGY 319, SPECED 201, COMM 363
 3. ELECTIVES: SELECT 0 TO 12 UNITS FROM THESE COURSES: COURSES TAKEN TO SATISFY AREAS 1 OR 2 CANNOT BE USED. CREDIT CANNOT BE EARNED FOR BOTH SOCIOLOGY 355 AND PSYCH 355 OR ANTHROPL 302 AND SOCIOLOGY 302.
 - ANTHROPL 302, ANTHROPL 316, BIOLOGY 214, COMDIS 270, CRIMJUS 322, ECON 445, GEOGRPY 252, HEALTHED 360, HISTRY 415, PHILSPHY 247, PHILSPHY 365, POLISCI 330, POLISCI 462, PSYCH 202, PSYCH 304, PSYCH 331, PSYCH 332, PSYCH 345, PSYCH 355, PSYCH 480, PSYCH 486, PSYCH 489, RECREATN 360, SAFETY 255, SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 345, SOCIOLOGY 355, SOCIOLOGY 362, SOCIOLOGY 370, SOCIOLOGY 379, SOCIOLOGY 380, SOCIOLOGY 392, SOCWORK 102, SOCWORK 235, SOCWORK 311, SOCWORK 337, SOCWORK 380, SPECED 201, SPECED 205, COMM 228, COMM 328, COMM 363, COMM 368, COMM 424, WOMENST 320, WOMENST 350, WOMENST 380

SOCIOLOGY

MINOR - 21 UNITS

1. SOCIOLOGY 240
2. SOCIOLOGY 473 OR SOCIOLOGY 476 OR SOCIOLOGY 420 (SATISFIES WRITING REQUIREMENT)
3. SELECT 4 COURSES, 1 COURSE FROM 4 OF THE 5 GROUPS BELOW:
 - GRP 1: SOCIOLOGY 250, SOCIOLOGY 337, SOCIOLOGY 340, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 356, SOCIOLOGY 380
 - GRP 2: SOCIOLOGY 265, SOCIOLOGY 270, SOCIOLOGY 285, SOCIOLOGY 345, SOCIOLOGY 351, SOCIOLOGY 353 AND SOCIOLOGY 393
 - GRP 3: SOCIOLOGY 252, SOCIOLOGY 302, SOCIOLOGY 310, SOCIOLOGY 312, SOCIOLOGY 315, SOCIOLOGY 342, SOCIOLOGY 362, AND SOCIOLOGY 392
 - GRP 4: SOCIOLOGY 276, SOCIOLOGY 365, SOCIOLOGY 370, SOCIOLOGY 371, SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 379 AND SOCIOLOGY 426
 - GRP 5: ANTHROPL 310, SOCIOLOGY 319, SOCIOLOGY 321, SOCIOLOGY 350, SOCIOLOGY 385, SOCIOLOGY 388, SOCIOLOGY 391 AND SOCIOLOGY 491
4. MAXIMUM OF 3 UNITS OF SOCIOLOGY 493 ALLOWED FOR MINOR
5. ELECTIVES INCLUDE SOCIOLOGY 490, SOCIOLOGY 493, SOCIOLOGY 496, SOCIOLOGY 498 AND SOCIOLOGY 499
6. SOCIOLOGY REQUIRED AND ELECTIVE UNITS TO TOTAL 21. GENED 130 NOT APPLICABLE

CRIMINAL JUSTICE

MINOR - 24 UNITS

1. SOCIOLOGY 276
2. SELECT SIX TO TWELVE UNITS FROM EACH OF GROUP 1 AND GROUP 2.
 - GROUP 1: SOCIOLOGY 370, SOCIOLOGY 371 SOCIOLOGY 372, SOCIOLOGY 373, SOCIOLOGY 379
 - GROUP 2: SOCIOLOGY 374, SOCIOLOGY 378, SOCIOLOGY 426, CRIMJUS 321, CRIMJUS 322, CRIMJUS 325, CRIMJUS 329,

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POLISCI 316, POLISCI 415, POLISCI 419

3. SELECT ZERO TO NINE UNITS FROM GROUP 3. CANNOT COUNT BOTH SOCIOLOGY 355 AND PSYCH 355:
GROUP 3: SOCIOLOGY 265, SOCIOLOGY 352, SOCIOLOGY 355, SOCIOLOGY 365, POLISCI 414, POLISCI 462, PSYCH 304, PSYCH 331, PSYCH 332, PSYCH 345, PSYCH 355, PSYCH 446, PSYCH 486, SAFETY 255, SOCWORK 102, SOCWORK 235, SOCWORK 311, SOCWORK 380, COMM 244, COMM 328, COMM 424

SOCIOLOGY EDUCATION EMPHASIS

MINOR - 18 UNITS

1. SOCIOLOGY 240
2. SELECT 1 COURSE FROM SOCIOLOGY 476 OR SOCIOLOGY 473
3. SELECT 1 COURSE FROM SOCIOLOGY 265 OR SOCIOLOGY 345
4. SELECT 1 COURSE FROM SOCIOLOGY 250 OR SOCIOLOGY 352
5. SOCIOLOGY 252 OR SOCIOLOGY 342
6. SOCIOLOGY 276

FORENSIC SCIENCE CRIMINAL JUSTICE

MINOR - 21-22 UNITS

1. BIOLOGY 225
2. CRIMJUS 321
3. CRIMJUS 325
4. SOCIOLOGY 374
5. CRIMJUS 425
6. SELECT 5-6 UNITS FROM: CRIMJUS 322, CRIMJUS 329, CRIMJUS 494, SOCIOLOGY 371, SOCIOLOGY 373

ANTHROPOLOGY

MINOR - 21 UNITS

1. ANTHROPL 218, ANTHROPL 220, ANTHROPL 225, ANTHROPL 390
2. SELECT AT LEAST NINE UNITS FROM: ANTHROPL 302, ANTHROPL 305, ANTHROPL 310, ANTHROPL 316, ANTHROPL 320, ANTHROPL 325, ANTHROPL 334, ANTHROPL 350, ANTHROPL 365, ANTHROPL 425

COURSE DESCRIPTIONS

SOCIOLOGY 240 PRINCIPLES OF SOCIOLOGY GS 3 u

This course introduces students to the ways in which sociologists use theory and research to study human group behavior and the processes by which people build, maintain, and change their institutional arrangements and relationships with one another. The course will focus on five areas of inquiry: social structure, interaction, and change; inequality and diversity; family and health; crime, criminal justice, and law; and global comparative.

SOCIOLOGY 250 SOCIAL PROBLEMS GS 3 u

This course examines various theoretical explanations of contemporary social problems such as crime, drug use, poverty, discrimination and environmental pollution. The impact of social problems on different groups in society and the role of social movements, government, and social policy are considered.

SOCIOLOGY 252 INTRODUCTION TO FAMILY STUDIES GS 3 u

This course emphasizes the influence of gender, race/ethnicity, and class on family and marriage in contemporary U.S. society. It introduces students to theories and research that explain social forces affecting family commitments, and familiarizes them with varying social and cultural patterns of family formation.

SOCIOLOGY 255 SOCIOLOGY OF SCIENCE FICTION 3 u

Science Fiction offers a unique view of contemporary culture and society, making penetrating observations about the relationship between the individual and society, gaining insights into social structure, culture, values, social conflict, social change and social problems. Through novels and film, the course stimulates discussion, critical and analytical thinking.

SOCIOLOGY, ANTHROPOLOGY & CRIMINAL JUSTICE 265

SOCIOLOGY 265 RACE AND ETHNIC RELATIONS GS/Diversity 3 u

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, whether to blend or maintain group identities, and how we should address existing barriers and inequalities. Relationships and differences among minority groups will also be examined.

SOCIOLOGY 270 THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE GS/Diversity 3 u

This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people.

Unreq: AFRIAMR 270.

SOCIOLOGY 276 INTRODUCTION TO CRIMINOLOGY GS 3 u

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.

SOCIOLOGY 285 ASIAN AMERICANS Diversity 3 u

The course examines the intersection of Asia and United States through peoples who migrated from Asia. It reviews issues of race and ethnicity and provides an overview in Asian cultures so that students can understand Asian American diversity and Asian cultures of origin. It examines the diverse experiences of the various Asian peoples who have migrated to the U.S., including inter-Asian American relations and intergroup relations between Asian Americans and others in the U.S. The course explores issues of Asian American discrimination, stereotypes, identity formation, collective action and pan Asian identities, and hybrid or transnational identities.

Prereq: GENED 130 and GENED 120 or GENED 140, or Sophomore standing.

SOCIOLOGY 302 CULTURE, MEDICINE AND HEALTH 3 u

Medical anthropologists apply critical concepts and ethnographic methods to understand the lived experience of illness and suffering; differing medical practices; and the various ways modern healthcare impacts societies. This course is an introduction to the field and designed for students in the social sciences, humanities, and biological/health sciences.

Prereq: GENED 130 and 3 units of Sociology or Anthropology Unreq: ANTHROPL 302

SOCIOLOGY 310 SOCIOLOGY OF HEALTH AND ILLNESS 3 u

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: 3 units in sociology or consent of instructor.

SOCIOLOGY 312 SOCIOLOGY OF SPORT 3 u

This course will examine the social/cultural history of sports, how sociological theories may be used to understand sport, the complex gender issues surrounding sport, the link between racism and sports, and the link between violence and sports.

Prereq: Prior completion of 3 units of sociology or consent of instructor

SOCIOLOGY 315 SOCIOLOGY OF DISABILITY 3 u

Sociology of Disability is an examination of the social construction of disability, including its historical and cross-cultural variations, institutional and organizational contexts, and interactional and emotional dimensions. Particular attention is given to the experience of living with various biomedical conditions and the ways in which the social status of disability is related to other forms of social inequality and difference.

Prereq: GENED 130, SPECED 201, 3 units of Sociology, or consent of instructor

SOCIOLOGY 319 INTRODUCTION TO ENVIRONMENTAL SOCIOLOGY 3 u

This course examines the economic and political structures that have induced natural environmental degradation throughout the world and highlights the impact of collective social actors mobilizing to influence the process of environmental policy formation in order to address environmental and technological risks.

Prereq: GENED 130 or GENED 140 or SOCIOLOGY 250

SOCIOLOGY 321 SOCIOLOGY OF NATURAL DISASTERS 3 u

This course examines the impact of natural events from a sociological perspective, including hurricanes and earthquakes in which a relatively self-sufficient community undergoes severe physical destruction and incurs in financial losses and the loss of community. Agency and governmental response to disaster emergencies will also be considered.

Prereq: 3 units of Sociology or consent of instructor

SOCIOLOGY 337 SOCIOLOGY OF NEWS AND THE MASS MEDIA 3 u

Sociology of News and the Mass Media examines the emergence of news organizations and the mass media as specialized subsystems within modern society and explores the interrelations between them and other social institutions and their impact on modern culture.

Prereq: 3 units of Sociology

SOCIOLOGY 340 SOCIAL MOVEMENTS AND COLLECTIVE BEHAVIOR 3 u

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 units of sociology.

SOCIOLOGY 342 SOCIOLOGY OF FAMILY AND WORK 3 u

This course reviews the relationship between the social institutions of family and workplace. It examines how they interact with each other, and how key social factors such as gender, class, job type and culture affect that interaction.

Prereq: 3 units of Sociology or WOMENST 240

SOCIOLOGY 345 SOCIOLOGY OF GENDER 3 u

This course will analyze gender as a process and as a social institution. It will examine how we can experience gender in ways that maintain existing gender relations or in ways that challenge them.

Prereq: WOMENST 100 or 3 units of sociology.

SOCIOLOGY 350 CONTEMPORARY JAPANESE SOCIETY 3 u

This course examines contemporary Japanese society. It includes a study of social institutions, processes, and culture of Japan. The course examines the following areas: (a) culture (beliefs, customs, social identity); (b) social institutions (family, religion, education, work, media); (c) societal processes (socialization, deviance, urbanization); (d) inequalities (gender, income, race-ethnic, region); and (e) the politics, economy, and international position of Japan.

Prereq: GENED 130 and GENED 140 or GENED 120

SOCIOLOGY 351 SOCIAL STRATIFICATION AND SOCIAL INEQUALITY 3 u

An analysis of the causes, consequences, and remedies of inequalities in power, income, wealth, authority, ethnic and social status.

Prereq: 3 units in sociology or consent of instructor.

SOCIOLOGY 352 URBAN SOCIOLOGY 3 u

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 units of sociology.

SOCIOLOGY 353 SOCIOLOGY OF RELIGION 3 u

A study of the function and forms of religious groups in primitive and contemporary societies as well as theoretical examination of religion as a basic social institution. (Offered jointly with Religious Studies.)

Prereq: 3 units of sociology. Unreq: RELIGST 353.

SOCIOLOGY 355/555 SOCIAL PSYCHOLOGY 3 u

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 units of sociology.

SOCIOLOGY 356 POLITICAL SOCIOLOGY 3 u

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: 3 units in Sociology or Political Science Unreq: POLISCI 356.

SOCIOLOGY 362 POPULATION STUDIES 3 u

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 units of sociology.

SOCIOLOGY 365 SOCIOLOGY OF LAW 3 u

An introduction to the interdependence of law and society through an analysis of legal concepts and organization from a sociological view.

Prereq: 3 units of sociology.

SOCIOLOGY 370/570 JUVENILE DELINQUENCY 3 u

A study of the incidence of delinquency, theories and findings regarding causation, and the policies designed for treatment and prevention of delinquency.

Prereq: SOCIOLOGY 276 or consent of instructor.

SOCIOLOGY 371 SOCIOLOGY OF HOMICIDE 3 u

This course will provide an in-depth look at homicide as a social and legal category and at the social psychological variables that affect it. Various types of homicide will be examined in American society and in a global context. Forensic issues will be addressed along with political and social issues.

Prereq: SOCIOLOGY 276

SOCIOLOGY 372 WHITE-COLLAR CRIME: CORPORATE AND GOVERNMENTAL DEVIANCE 3 u

This course examines crimes committed by persons of respectability and high social status in the course of their occupation, with a focus on corporate and governmental deviance. Students will learn about historical and contemporary cases of white-collar crime, sociological explanations of white-collar crime, and the politics of regulatory law and presidential scandals.

Prereq: SOCIOLOGY 276 or consent of instructor.

SOCIOLOGY 373 SOCIOLOGY OF TERRORISM 3 u

This course will examine Terrorism as a weapon of power, a forensic issue, and a social phenomenon. Types of Terror, types of groups and governments involved in terror, and the people who become terrorists will be examined. Theories of political policy, group dynamics, and individual predilections will be evaluated so that terrorism can be understood and combated.

Prereq: SOCIOLOGY 276

SOCIOLOGY 374 SOCIOLOGY OF POLICE AND THE COURTS 3 u

A sociological analysis of the development and behavior of the police, lawyers, prosecutors, and judiciary in society and their role in social control.

Prereq: SOCIOLOGY 276 or consent of instructor.

SOCIOLOGY 378 SOCIOLOGY OF PUNISHMENT AND CORRECTIONS 3 u

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: SOCIOLOGY 276 or consent of instructor.

SOCIOLOGY 379 WOMEN AND CRIME 3 u

This course examines the frequency and nature of female offending and female victimization; the frequently blurred boundaries of female victimization and criminalization; and the role of criminal law, police, and courts in the processing of female victims and offenders.

SOCIOLOGY 380 ORGANIZATIONS AND SOCIETY 3 u

An examination of the growth and role of organizations in society with specific attention to American society.

Prereq: 3 units of sociology.

SOCIOLOGY 385 SOCIOLOGY OF GLOBALIZATION (GROUP 1 COURSE) 3 u

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 units of sociology.

SOCIOLOGY 388 THE HOLOCAUST: NAZI GERMANY & THE GENOCIDE OF THE JEWS 3 u

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 units of sociology, history, or religious studies. Unreq: RELIGST 388/588.

SOCIOLOGY 391 RACE AND ETHNICITY IN COMPARATIVE PERSPECTIVE Diversity 3 u

An examination of the circumstances under which racial and ethnic groups received privileged or disadvantaged social locations. Particular consideration is given to theories of racial and ethnic inequality and the processes that form the structures of differential and unequal relations in society. A cross-national comparison of the social construction of race and ethnicity will provide additional context for understanding patterns and theories of race and ethnic relations.

Prereq: Completion of university diversity requirement

SOCIOLOGY 392 AFRICAN AMERICAN FAMILIES Diversity 3 u

This course will survey the historical development of the African-American Family from Africa to modern times. Significant events (e.g., the slave trade, slavery, and migration) will be scrutinized in order to ascertain their role in shaping the contemporary Black Family life. Other important social and economic forces will be illuminated to assess their impact. The latest body of literature models, paradigms, hypotheses, and statistical findings will be critically examined to enhance understanding of modern day Black Family premarital and marital relations, adaptive patterns, and dislocations. (Offered jointly with African-American Studies.)

Prereq: 3 units of sociology or 3 units of African American studies.

SOCIOLOGY 393 RACIAL & ETHNIC INEQUALITY: BEYOND THE CLASSROOM 3 u

Readings in theoretical, empirical, and policy literature will offer an in-depth study of racial and ethnic inequality in criminal justice, housing, poverty, health, education and immigration. The class features an experiential component through field trips across the region to thematically orientated site visits with experts in the field of inequality.

Prereq: 3 units of sociology or completion of university diversity requirement; or consent of instructor. Unreq: RACEETH 393

SOCIOLOGY 420 ANTHROPOLOGICAL THEORY 3 u

This course is a broad survey of anthropological theory. The goal is to understand anthropology's specific historical trajectory as it relates to theory and to see how anthropological theory has been put into practice/informed ethnographic writing, both classic and contemporary monographs. Students will be expected to engage at a high level through critical reading and critical writing assignments.

Prereq: 6 credits of anthropology Unreq: ANTHROPL 420

SOCIOLOGY 426 MINORITIES & THE CRIMINAL JUSTICE SYSTEM 3 u

This course is designed to explore the relationship between minority status

and criminal justice processing. Racial, ethnic, and sexual minority groups will be examined in this course. Each student will be expected to develop a general understanding of several minority groups and a thorough understanding of one minority group of his/her choice.

Prereq: 3 units in Sociology and SOCIOLOGY 301 or SOCIOLOGY 240 or consent of instructor

SOCIOLOGY 473 SOCIAL THEORY: CLASSICAL AND CONTEMPORARY PERSPECTIVES 3 u

An examination of classical and contemporary social thought. The connections between early major European and contemporary U.S. and international theorists will be emphasized to analyze key areas of sociological inquiry. The course will map important theoretical camps in sociology as well as conduct analysis of contemporary and historical issues using social theory.

Prereq: 6 units in Sociology including SOCIOLOGY 301 or 6 units in Sociology including SOCIOLOGY 240 or consent of instructor

SOCIOLOGY 476 METHODS OF SOCIAL RESEARCH 3 u

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 units in sociology including SOCIOLOGY 301 or 6 units in Sociology including SOCIOLOGY 240 or consent of instructor.

SOCIOLOGY 490/690 WORKSHOP Repeatable. 1-6 u

Prereq: Consent of instructor.

SOCIOLOGY 491 TRAVEL STUDY Repeatable 1-3 u**SOCIOLOGY 493 APPLIED SOCIOLOGY 1-12 u**

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 up to 12 units.

Prereq: Consent of internship coordinator.

SOCIOLOGY 494/694 SEMINAR IN SOCIOLOGY 3 u

Repeatable. Prereq: Consent of instructor.

SOCIOLOGY 496/696 SPECIAL STUDIES 1-3 u

Repeatable. Prereq: 6 units in sociology or consent of instructor.

SOCIOLOGY 497 EXCHANGE STUDY Repeatable 1-12 u**SOCIOLOGY 498 INDEPENDENT STUDY 1-3 u**

Open to majors and minors in sociology. Repeatable. Prereq: Junior or senior standing and staff approval.

SOCIOLOGY 499 SENIOR HONORS THESIS 2 u

The senior honors thesis is a unique requirement of the Honors Emphasis major which is designed to recognize a student's exceptional dedication and ability. Student will complete a substantial research project in their senior year. Results must be written up as a thesis, presented in a seminar, and defended orally. Repeatable.

Prereq: Senior standing and completion of SOCIOLOGY 473 and SOCIOLOGY 476

ANTHROPOLOGY**COURSE DESCRIPTIONS****ANTHROPL 218 CULTURAL ANTHROPOLOGY GS 3 u**

Varieties of human cultures past and present throughout the world, emphasizing the comparative study of social systems.

ANTHROPL 220 TOMBS, TEMPLES & BURIED TREASURE: INTRODUCTION TO ARCHAEOLOGY GS 3 u

This course introduces students to the basic work of archaeology. It aims to dispel popular myths about the field perpetuated by the popular media. In place of those myths it presents methods of archaeological research and the discoveries such research has produced. These discoveries reveal the 4

million year history of humans and their ancestors before the invention of written records.

Prereq: GENED 130

ANTHROPL 225 HUMAN EVOLUTION: INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY GS 3 u

Biological anthropology studies human biological evolution and variation. Topics will be: Genetics and Human Evolution, Misconceptions about human evolution and adaptation, the biology and behavior of primates, the fossil record and the origin of bipedalism and evolution of larger brains and lastly the challenges of the future as a result of our recent evolution history.

ANTHROPL 302 CULTURE, MEDICINE AND HEALTH 3 u

Medical anthropologists apply critical concepts and ethnographic methods to understand the lived experience of illness and suffering; differing medical practices; and the various ways modern healthcare impacts societies. This course is an introduction to the field and designed for students in the social sciences, humanities, and biological/health sciences.

Prereq: GENED 130 and 3 units of Sociology or Anthropology Unreq: SOCIOLOGY 302

ANTHROPL 305 NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL Diversity 3 u

This course, while assessing anthropology's long-term relationship with Native North America, primarily presents an opportunity for students to engage with the representation of contemporary Native cultures (and identity) through ethnographic reading and study. This will be accomplished through autobiographic, ethnographic, and medical anthropological literatures (and other media forms). Students will be asked to react through discussion, writing, and examination.

Prereq: 3 credits in anthropology, or sociology or permission of instructor. Unreq: AMERIND 305

ANTHROPL 310 WOMEN AND THE SHAPING OF LATIN AMERICAN CULTURE 3 u

This course critically examines roles of women in shaping Latin American culture and society through exploration of individual and collective action. Through the lenses of film, essay, and objective studies students encounter ways in which women create, maintain and restore cultures often viewed by the outside as strongly male-dominated.

Prereq: 3 credits of Anthropology or permission of the instructor

ANTHROPL 316 PHARMACEUTICALS, CULTURE AND SOCIETY 3 u

This course will study stages of the pharmaceutical life-cycle: research and development, clinical testing, marketing, consumer advertising, and the impact of prescription drugs on patient's lives. Readings will help to critically assess the biopolitics of drugs (globally and locally) and how prescriptions have both medical uses and human enhancement potential.

Prereq: 3 credits in Anthropology or Sociology

ANTHROPL 320 UNDERSTANDING HERITAGE: FROM LANDMARKS TO THEME PARKS 3 u

What is heritage and what role does it play in determining who and what we are and what we might be? This course explores these questions seeking to explain how groups define heritage, use it, and varyingly preserve it. Topics include resource management systems, the World Heritage program, activist groups, impacts of heritage tourism and looting.

Prereq: Sophomore standing

ANTHROPL 325 FORENSIC DOCUMENTATION 3 u

This is an advanced course for students who wish to explore the area of recovery and identification of human skeletal remains. This class is offered as an introduction to the field of Forensic Science. It also provides us with opportunity to see an application of scientific knowledge to jurisprudence. A detailed look into the events surrounding death will be examined. Since we will deal directly with the human body, some prior knowledge of the human body will be helpful although we will cover this material in class.

Prereq: Sophomore status

ANTHROPL 334/534 WOMEN AND MEN IN CROSS-CULTURAL PERSPECTIVE GS 3 u

Anthropological approaches to the cross-cultural study of gender relations with emphasis on societies of the non-Western world. Topics vary.

Prereq: Individual and Society or Global Perspectives or sophomore standing.

ANTHROPL 350 CONTEMPORARY JAPANESE SOCIETY 3 u

This course examines contemporary Japanese society. It includes a study of social institutions, processes, and culture of Japan. The course examines the following areas: (a) culture (beliefs, customs, social identity); (b) social institutions (family, religion, education, work, media); (c) societal processes (socialization, deviance, urbanization); (d) inequalities (gender, income, race-ethnic, region); and (e) the politics, economy, and international position of Japan.

Prereq: GENED 130 and GENED 140 or GENED 120

ANTHROPL 365 MAYAS, AZTECS AND INCAS: PRE-COLUMBIAN CIVILIZATIONS 3 u

Cultures like the Mayas, Aztec, and Inca, surprised, shocked, and even appalled Europeans when the first encountered each other. This course examines historical, social, and technological aspects of these three great civilizations and their predecessors and seeks to understand them in a way that informs the modern world.

Prereq: Sophomore standing

ANTHROPL 367 ARCHAEOLOGY OF WOMEN 3 u

This course presents theory, methods and case studies examining the role of women in human societies from our earliest origins through the beginning of the modern period. The dominant discipline in this inquiry is archaeological anthropology, but relevant material from sociology, biology, history and other fields will also be covered. No previous knowledge of any one field is expected, but exposure to the social sciences is desirable. My goal for this course is that you will leave with a better understanding of the role of women in past human societies, envision some of the trajectories that have led to contemporary social formations and be able to envision how the past, present and future are connected.

Prereq: Sophomore standing Unreq: SOCIOLOGY 367

ANTHROPL 420 ANTHROPOLOGICAL THEORY 3 u

This course is a broad survey of anthropological theory. The goal is to understand anthropology's specific historical trajectory as it relates to theory and to see how anthropological theory has been put into practice/informed ethnographic writing, both classic and contemporary monographs. Students will be expected to engage at a high level through critical reading and critical writing assignments.

Prereq: 6 credits of anthropology Unreq: SOCIOLOGY 420

ANTHROPL 425 ADVANCED FORENSIC ANTHROPOLOGY 3 u

The course is a practicum in forensic anthropology. Students will gain an understanding of osteology, trauma and pathology as it relates to interpretation of human remains. The effect of culture on the human skeleton will be shown using examples from archaeology. Students will survey, inventory, a mock crime scene. The will produce a forensic report and present it in a mock court situation.

Prereq: CRIMJUS 325

ANTHROPL 490 ANTHROPOLOGY WORKSHOP 1-6 u

Repeatable. Prereq: Consent of instructor.

ANTHROPL 494/694 ANTHROPOLOGY SEMINAR Repeatable 3 u

ANTHROPL 496/696 SPECIAL STUDIES IN ANTHROPOLOGY 3 u

Repeatable. Prereq: 6 units in Anthropology or consent of instructor.

ANTHROPL 497 EXCHANGE STUDY Repeatable 1-12 u

ANTHROPL 498 INDEPENDENT STUDY IN ANTHROPOLOGY 1-3 u

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

CRIMINAL JUSTICE**COURSE DESCRIPTIONS****CRIMJUS 321 CRIMINAL INVESTIGATION 3 u**

This course examines the fundamentals of basic investigative responsibilities including investigating violent crimes and crimes against property. Challenges to the criminal investigator are also studied.

Prereq: SOCIOLOGY 276

CRIMJUS 322 CRIMINAL INVESTIGATION OF CHILD ABUSE 3 u

This course is designed to familiarize students with interview techniques and modern investigation practices that will enable them to successfully investigate child physical and sexual abuses cases.

Prereq: SOCIOLOGY 276

CRIMJUS 325 FORENSIC DOCUMENTATION 3 u

This is an advanced course for students who wish to explore the area of recovery and identification of human skeletal remains. This class is offered as an introduction to the field of Forensic Science. It also provides us with opportunity to see an application of scientific knowledge to jurisprudence. A detailed look into the events surrounding death will be examined. Since we will deal directly with the human body, some prior knowledge of the human body will be helpful although we will cover this material in class.

Prereq: Sophomore status

CRIMJUS 327 COMMUNITY CORRECTIONS & TREATMENT 3 u

Students completing this course will gain knowledge of criminal justice programs utilized outside jail and prison. Specifically, students will become familiar with the special needs of clients on probation/parole for sexual offenses, gang affiliations, career criminal statuses, violent/assaultive issues, chemical dependency issues, mental health issues, and family custody issues.

Prereq: SOCIOLOGY 276 or consent of instructor

CRIMJUS 329 INVESTIGATION OF DEATH 3 u

This course examines the fundamentals of the investigation of human death. A recommended "system" of death investigation is presented and students will, as a primary objective, conduct an "actual" death investigation from start to finish.

Prereq: SOCIOLOGY 276 and one of the following: CRIMJUS 496 or 321 or 325

CRIMJUS 425 ADVANCED FORENSIC ANTHROPOLOGY: BIOARCHAEOLOGY, TRAUMA & PATHOLOGY 3 u

The course is a practicum in forensic anthropology. Students will gain an understanding of osteology, trauma and pathology as it relates to interpretation of human remains. The effect of culture on the human skeleton will be shown using examples from archaeology. Students will survey, inventory, a mock crime scene. The will produce a forensic report and present it in a mock court situation.

Prereq: CRIMJUS 325

DEPARTMENT OF WOMEN'S STUDIES

Phone: 262-472-1042

Faculty: JoEllen Burkholder, Melissa Deller, Mary Emery, Jane Ferencz, Zohreh Ghavamshahidi, Elizabeth Hachten, Rebecca Hogan, Susan Johnson, Margo Kleinfeld, Christa Lebens, Nikki Mandell, Geneva Moore, Andrea Musher, Ellie Schemenauer, Joan Schwarz, Rebecca Shrum, Lauren Smith (Chairperson), Jennifer Thibodeaux, Alison Townsend.

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, Gender and Ethnic Studies Minor (available online), and a 15-UNIT certificate in Woman's Studies have been approved for students in all curricula. The Women's Studies minor or certificate is useful in many areas of employment (e.g., business, industry, teaching, social work, law, health, communications, research and counseling).

Women's Studies courses are required of majors and minors, but are open to students in all curricula, some as general studies courses, some as general electives. New courses with a focus on women are being developed, and existing courses are being offered on a rotating basis. Students should obtain the most recent lists from the Women's Studies Chairperson.

MAJOR**WOMEN'S STUDIES (BA/BS)****MAJOR - 33 UNITS**

1. WOMENST 100
2. WOMENST 489
3. SELECT 3 UNITS FROM COURSES
WOMENST 370, WOMENST 334, AND ENGLISH 368
4. WOMENST 365 OR SUBSTITUTION APPROVED BY CHAIR
5. WOMENST 280 OR PHILSPHY 390
6. SELECT 3 UNITS FROM COURSES
WOMENST 303, WOMENST 345, ARTHIST 305, ENGLISH 264, ENGLISH 368, ENGLISH 463, ENGLISH 464, HISTRY 313, HISTRY 314, HISTRY 326, HISTRY 363, HISTRY 365, PHILSPHY 381, PHILSPHY 390, RELIGST 330, RELIGST 330, SPANISH 484, COMM 326
7. SELECT 3 UNITS FROM COURSES
WOMENST 240, WOMENST 245, WOMENST 250, WOMENST 310, WOMENST 320, WOMENST 334, WOMENST 350, WOMENST 380, WOMENST 392, WOMENST 464, ANTHROPL 367, POLISCI 315, POLISCI 464, PSYCH 202, SOCIOLOGY 345, SOCIOLOGY 379
8. SELECT 6 UNITS FROM COURSES
WOMENST 245, WOMENST 303, WOMENST 310, WOMENST 320, WOMENST 334, WOMENST 345, WOMENST 350, WOMENST 370, WOMENST 380, WOMENST 392, WOMENST 455, WOMENST 464, WOMENST 490, WOMENST 493, WOMENST 496 AND WOMENST 498
9. SELECT 6 UNITS FROM APPROVED WOMEN'S STUDIES COURSES APPROVED BY AN ADVISER (PERSONALIZATION REQUIRED)

WRITING PROFICIENCY - 3 UNITS

1. WOMENST 489

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR

MINOR**WOMEN'S STUDIES****MINOR - 21 UNITS**

1. WOMENST 100
2. WOMENST 489
3. WOMENST 280 OR PHILSPHY 390
4. SELECT 3 UNITS FROM COURSES:
WOMENST 240, WOMENST 245, WOMENST 250, WOMENST 303, WOMENST 310, WOMENST 320, WOMENST 334, WOMENST 345, WOMENST 350, WOMENST 365, WOMENST 370, WOMENST 380, WOMENST 392, WOMENST 455, WOMENST 464, PHILSPHY 381, POLISCI 315, PSYCH 202
5. SELECT 9 UNITS FROM APPROVED WOMEN'S

STUDIES COURSES APPROVED BY AN ADVISER (personalization required)

Certificate requirements: 15 units in courses approved for the Women's Studies Minor; at least six of these units must be in courses with the WOMENST prefix.

GENDER AND ETHNIC STUDIES

MINOR - 21 UNITS

1. WOMENST 100 OR APPROVED 100-LEVEL COURSE FROM RACE AND ETHNIC STUDIES
2. 6 UNITS FROM THE FOLLOWING COURSES:
AFRIAMR 100, AFRIAMR 141, AFRIAMR 270 OR SOCIOLOGY 270, AFRIAMR 320 AFRIAMR 396, AFRIAMR 397, AMERIND 102, CHICANO 150, CHICANO 201, CHICANO 310, CHICANO 320, CHICANO 330, CHICANO 200 OR ENGLISH 200, ENGLISH 345, HISTRY 425, POLISCI 266, RACEETH 217 OR POLISCI 217, RACEETH 380 OR SOCWORK 380
3. 6 UNIT FROM THE FOLLOWING COURSES:
ANTHROPL 334, ARTHIST 305, ENGLISH 264, ENGLISH 463, ENGLISH 464, HISTRY 313, HISTRY 314, HISTRY 326, PHILSPHY 390, POLISCI 315, PSYCH 202, RELIGST 330, SOCIOLOGY 345, SOCIOLOGY 379, COMM 326, WOMENST 240, WOMENST 250, WOMENST 280, WOMENST 303, WOMENST 320, WOMENST 350, WOMENST 365 OR HISTRY 365, WOMENST 380, WOMENST 392, WOMENST 464 OR POLISCI 464
4. 3 UNITS FROM THE FOLLOWING COURSES:
ENGLISH 200, ENGLISH 201, ENGLISH 368, PHILSPHY 381, WOMENST 370
5. WOMENST 489

COURSE DESCRIPTIONS

WOMENST 100 INTRODUCTION TO WOMEN'S STUDIES *GE* 3 u

An investigation of women's experience from the perspective of various disciplines. The course examines the ways gender interacts with ethnicity, race, class and sexuality and explores contemporary and historical issues related to women's lives. Included are such subjects as health and body image, violence against women, and women's achievements.

WOMENST 240 WOMEN AND WORK *GE* 3 u

This course focuses on the recent successes as well as the problems women face in the work force. It provides an overview of the changing nature of work in the United States and of the history of women from diverse groups and backgrounds.

Prereq: Sophomore standing or consent of instructor.

WOMENST 245 GENDER AND GEOGRAPHY *GS* 3 u

Human geographies will be studied through the lens of gender along with gender relations at home and abroad. Content is organized according to a variety of spatial scales including the body, home, city, and world. Cases investigated at the global scale include gendered livelihoods and migration, nationalism and war, and environmental issues.

WOMENST 250 WOMEN IN AMERICAN CULTURE *GE* 3 u

This course is a study of women's contributions and their representation in such areas of American culture as literature, art, crafts, music, film, letters and diaries--from the mid-Nineteenth Century to contemporary times. Students will also explore how the dominant ideas and images of American culture interact with the real lives of diverse groups of women.

Prereq: Sophomore standing or consent of instructor.

WOMENST 280 FEMINIST THEORIES 3 u

An introduction to historical and contemporary feminist theories, with emphasis on critical reading and analysis of original works by major feminist writers.

Prereq: WOMENST 100 and sophomore standing.

WOMENST 303/503 WOMEN'S VOICES/WOMEN'S 3 u

LIVES

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.

WOMENST 310 WOMEN AND THE SHAPING OF LATIN AMERICAN CULTURE 3 u

This course critically examines roles of women in shaping Latin American culture and society through exploration of individual and collective action. Through the lenses of film, essay, and objective studies students encounter ways in which women create, maintain and restore cultures often viewed by the outside as strongly male-dominated.

Prereq: 3 credits of Anthropology or permission of the instructor

WOMENST 320/520 LESBIAN STUDIES 3 u

This course will introduce students to an array of interdisciplinary texts that present issues relevant to perceiving lesbian lives. Readings will include legal, scientific, and philosophic theory, studies by social scientists and historians, multicultural perspectives and literary works. There will be four units; 1) Defining our Terms, 2) Idea(l)s of Community, 3) Life-Cycle Choices, 4) Research on Current Issues.

Prereq: Completion of Introduction to Women's Studies (WOMENST 100) and sophomore standing.

WOMENST 334 WOMEN AND MEN IN CROSS-CULTURAL PERSPECTIVE *GS* 3 u

Anthropological approaches to the cross-cultural study of gender relations with emphasis on societies of the non-Western world. Topics vary.

Prereq: GENED 130 or GENED 140 or Sophomore standing

WOMENST 345 WOMEN IN MUSIC *GE* 3 u

A survey of women musicians in Western European art music and twentieth-century popular musical styles. Historical, cultural, and philosophical issues surrounding the contributions of female performers, composers, conductors, patrons, teachers, musicologists, and other musical professions will be explored, as well as the portrayal of women in opera, musical theater, and music videos.

Prereq: GENED 110

WOMENST 350/550 STAGES AND TRANSITIONS IN WOMEN'S LIVES 3 u

A study of identity issues that women may face in their adult lives, including specific transitions such as entering and/or leaving relationships; work patterns; parenting; care-giving; coping with loss; retirement; and facing the challenges of aging.

Prereq: Sophomore standing.

WOMENST 365 WOMEN, SCIENCE, AND SOCIETY 3 u

Historical survey of women's contributions to science; case studies of modern women scientists; feminism and scientific knowledge.

Prereq: Junior standing or WOMENST 100. Unreq: HISTRY 365

WOMENST 370/570 WOMEN: RACE AND ETHNICITY *GE/Diversity* 3 u

This course will provide an examination of Native American, African American, Latina, and Asian American women in the broad areas of work, family/community relationships, creativity, and social action.

Prereq: Junior standing or WOMENST 100.

WOMENST 380/580 GENDER LAW AND POLICY *GE* 3 u

A study of legal, social, and moral issues related to gender, such as the definition of sexual difference, inequality in the workplace, lesbian and gay rights. How those issues have been handled historically and normatively within the legal system will be investigated.

Prereq: Junior standing or consent of instructor.

WOMENST 455 ISSUES AND TOPICS IN WOMEN'S AND GENDER STUDIES 3 u

This course provides intensive study of important issues in Women's Studies, with special emphasis on courses that reflect the most contemporary thought

LETTERS AND SCIENCES

in our discipline and that correspond to faculty research interests. Topics include Women's Human Rights, Gender and AIDS, and Women, Militarism and War.

WOMENST 464/664 WOMEN IN INTERNATIONAL RELATIONS 3 u

This course is designed to provide students with the opportunity to study and analyze international relations from a multi-disciplinary perspective. It will examine current understandings of the causes, processes and structures of international relations, violent conflict, as well as resolution of those conflicts and peace within the context of Feminist theories. The goal is to examine the role of women in international relations, international security, conflict and peace through different approaches to the study of conflict and how it is understood. The course will consider both the strength and limitations of various disciplinary approaches.

The traditional approaches to international relations, international security, international conflict and peace reflect viewpoints consistent with masculine perspectives on power and security. The goal is to consider how the limitations of the approaches can be effectively challenged and what alternatives might be offered. Themes for discussion will include gender, race, ethnicity, nationalism, state, community, conflict and peace.

Prereq: Three units of political science or three units of women's studies.

WOMENST 481 GENDER, ETHNICITY, AND THE ENVIRONMENT 3 u

An examination of the ways that sexism, racism, ethnic/class exploitation and environmental destruction are interrelated. Considers social and cultural forces that lead to limited and/or gendered concepts of nature, and explores alternative theoretical and activist perspectives (deep ecology, bioregionalism, ecofemism, environmental justice, etc.) and responses to the environmental crisis.

Prereq: Sophomore standing

WOMENST 489 ADVANCED SEMINAR IN WOMEN'S STUDIES 3 u

An intensive, integrative study of selected issues in Women's Studies, emphasizing critical thinking and research techniques. A substantial research paper is required.

Prereq: WOMENST 100 and either WOMENST 280 or PHILSPHY 390.

WOMENST 490/690 WORKSHOP IN WOMEN'S STUDIES 1-6 u

Repeatable. Prereq: Consent of instructor.

WOMENST 493 INTERNSHIP IN WOMEN'S STUDIES 3 u

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 units in courses approved for the Women's Studies Minor and approval of Women's Studies Internship Committee.

WOMENST 496/696 SPECIAL STUDIES 1-4 u

Repeatable. Prereq: Consent of instructor.

WOMENST 497 EXCHANGE STUDY *Repeatable* 1-12 u

WOMENST 498 INDEPENDENT STUDY 1-3 u

Repeatable. Prereq: Cons instr and 6 units from the approved course list or approval of the Women's Studies Chairperson.

APPROVED COURSES IN OTHER DEPARTMENTS:

ART	GA	ARTHIST 305/505 History of Women in Art	3 u
SPCH		SPEECH 326/526 Communication and Gender	3 u
ENGL	GH	ENGLISH 264 Women in Literature: A Feminist Re-evaluation	3 u
ENGL	GH	ENGLISH 368/568 American Minority Women Writers (<i>Diversity</i>)	3 u
ENGL		ENGLISH 463/663 Nineteenth Century Women Writers	3 u
ENGL		ENGLISH 464/664 Twentieth Century Women Writers	3 u

INTERDISCIPLINARY 271

HIST	GH	HISTORY 313 Women in American History 1600-1875	3 u
HIST	GH	HISTORY 314 Women in American History 1875- Present	3 u
HIST		HISTORY 326/526 History of Contemporary Women from 1800	3 u
HIST		HISTORY 363 From Goddesses to Witches	3 u
PHIL		PHILSPHY 390/590 Feminist Philosophy	3 u
PSCI		POLISCI 315/515 Women and Politics	3 u
PSYCH	GS	PSYCH 202 Psychology of Women	3 u
REL		RELIGST 330 Women and Religion	3 u
SOC		SOCIOLOGY 345 Sociology of Gender Roles	3 u
SOC		SOCIOLOGY 379/579 Women and Crime	3 u
SOC		ANTHROPL 367 Archeology of Women	3 u

Special Studies, workshops, internships, and seminars having a specific focus on women may be approved for a single term. For more information consult the current schedule of classes.

INTERDISCIPLINARY

CORE COURSES

GENED 110 WORLD OF THE ARTS GA 3 u

This course exposes students to the areas of Dance, Music, Theatre, and Visual Art. Students will gain insight into the basic components of the arts, the role of art in society, and be given an historical perspective on art. Students will attend performing arts events and see work in the gallery context. Both western and non-western arts will be explored. May not be taken on an S/NC grade basis.

Unreq: ACINDP 105.

GENED 120 HISTORICAL PERSPECTIVES GH 3 u

This course examines major trends in the economic, political, and sociocultural history of the world since the nineteenth century. Students are encouraged to draw on multiple perspectives to develop a comparative framework for understanding the origins of current global issues and the changing role of the US in the world. May not be taken on a S/NC grade basis.

Unreq: HISTRY 105.

GENED 130 INDIVIDUAL AND SOCIETY GS 3 u

This course critically examines how people influence and are affected by their social worlds from the perspectives of anthropology, psychology, sociology and women's studies. The course focuses on how we experience life as individuals and as members of cultural systems that shape our personalities, behavior, and perceptions of the world. May not be taken on an S/NC grade basis.

Unreq: PSYCH 105, SOCIOLOGY 105, WOMENST 105 and ANTHROPL 105.

GENED 140 GLOBAL PERSPECTIVES GS 3 u

This course introduces students to key terms, concepts, issues and relationships in economics, geography and political science. The course investigates how increasing globalization impacts issues such as the authority and competence of the nation-state, population growth and migration, economic development and trade and patterns of international cooperation and conflict. May not be taken on an S/NC grade basis.

Unreq: ECON 105, GEOGRPY 105, POLISCI 105.

GENED 291 GENERAL EDUCATION TRAVEL STUDY 1-3 u

This course gives students an opportunity to experience first hand important social, cultural and historical aspects of American and other cultures through travel and study in this country and abroad. Specific itineraries and fees will be published in the Schedule of Classes each term. Course is repeatable with change of itinerary up to 4 times and a maximum of 6 units toward degree; a maximum of 3 units may be counted in the General Education elective category. Offered on an S/NC grade basis only.

GENED 390 THE WORLD OF IDEAS GH 3 u

This course examines themes and issues that have had a significant impact upon the world's civilizations. Readings will focus on primary texts representing major historical periods, world cultures, and diverse perspectives. This course

will stress critical and analytical thought, drawing upon knowledge obtained in this and earlier core courses. May not be taken on an S/NC grade basis. Prereq: ENGLISH 101 and ENGLISH 102, junior standing, and completion of all other required core courses. Unreq: LSINDP 390.

GENED 496 SPECIAL STUDIES	<i>Repeatable</i>	1-3 u
GENED 498 INDEPENDENT STUDY	<i>Repeatable</i>	1-4 u

DEVELOPMENTAL EDUCATION

Phone: 262-472-3223

E-Mail: developed@uwm.edu

The Developmental Education 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 tutors and/or the Learning Center.

DEVLPEP 050 STUDY/ACADEMIC SURVIVAL SKILLS **3 u**

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.

DEVLPEP 060 COLLEGE LITERACY **3 u**

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.

DEVLPEP 080 PASS WORKSHOP **3 u**

(Partnership for Achieving Student Success)

Weekly workshop sessions will help students to develop critical thinking, reading and writing skills, as well as enable them to identify immediate and long-range academic and personal goals, to gain a better understanding of their rights and responsibilities as students and citizens, to learn about and practice effective time and stress management techniques, to acquaint them with various available student support services, and to establish sound relationships with both the instructor/academic advisor of the workshop and their other UWW instructors.

Prereq: The target group of students for this workshop will be second term freshmen who earned a 1.0 or below during their first term. Any upper division student who has been reinstated by the College of Letters and Sciences after a successful appeal to the Academic Standards Committee will also have the option of enrolling in this workshop.

DEPARTMENT SPECIFIC DEVELOPMENTAL COURSES

ENGLISH 090 FUNDAMENTALS OF ENGLISH **3 u**

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 count toward the term unit load and will be computed into the grade point average. It does not count toward the 120 units required for graduation, nor does it fulfill General Education requirements, nor may it be counted toward the English major or minor. It may be taken for a conventional grade or on a satisfactory/no credit basis. It may not be taken by students who are simultaneously taking or have satisfactorily completed another English course on this campus.

ENGLISH 091 BASIC WRITING SKILLS **2 u**

Offered on a satisfactory/no credit basis only. A workshop offering individualized instruction to students in need of improvement in basic writing skills. This course does not count toward the 120 hours required for graduation. Repeatable.

MATH 040 PRE-ALGEBRA **3 u**

A course for students who need a review of mathematics or who lack the computational skills required for Beginning Algebra. Topics include fractions, decimals, ratios, and exponents with emphasis on practical applications. This course does count toward the term unit load and will be computed into the grade point average. It does not count toward the 120 units required for graduation, nor does it fulfill General Education requirements, nor may it be counted toward the Math major or minor. It may be taken for a conventional grade or on a satisfactory/no credit basis. Students may not take this course for credit if they place into, are enrolled in or have already received credit for a higher-numbered Math course.

MATH 041 BEGINNING ALGEBRA **3 u**

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 term unit load and will be computed into the grade point average. It will not, however, be included in the units necessary for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis. Students may not take this course for credit if they place into, are enrolled in or have already received credit for a higher-numbered Math course.

Prereq: MATH 040 or equivalent demonstration of capability.

INTRAUNIVERSITY

INTRAUNV 104 NEW STUDENT SEMINAR *GI* **1 u**

This course is designed to help facilitate a positive adjustment to the first year of college through the development of both written and oral communication skills, critical thinking skills, and group presentation skills. Students will explore the purposes of higher education and its potential outcomes; develop skills of social interaction, self-awareness, and personal development through team projects and class presentations, attendance at university events, and programs promoting an appreciation of diversity; review the university's resources, policies, and procedures; investigate personal interests and strengths while setting academic and personal goals; and learn effective skills to help them cope with the world around them.

Prereq: Open to Freshmen Only.

INTRAUNV 244 CONSUMERS AND CULTURE *GI* **3 u**

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: ENGLISH 102 and GENED 140.

INTRAUNV 246 BUSINESS ETHICS *GI* **3 u**

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.

INTRAUNV 494 SEMINAR **1-3 u**

An advanced level undergraduate seminar that offers broad opportunities for study of university-wide issues with small group discussion. Repeatable for a maximum of 6 units.

Prereq: Junior standing or consent of instructor.

DIRECTORIES

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UNIVERSITY OF WISCONSIN-WHITEWATER CAMPUS ADMINISTRATION

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Director of Intercollegiate Athletics.....	Paul Plinske
Assistant to the Chancellor for Affirmative Action and Diversity.....	Elizabeth Ogunsola

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Dean, Graduate Studies and Continuing Education	John Stone
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Registrar.....	M. Jodi Hare
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Vice Chancellor for University Advancement.....	Jonathan C. Enslin
President of the UW-Whitewater Foundation	Jonathan C. Enslin
Director of Marketing and Media Relations....	Sara Kuhl
Executive Director of University Advancement.....	Kate Loftus

ADMINISTRATIVE AND ACADEMIC SUPPORT STAFF AS OF OCTOBER 7, 2009

RICHARD J. TELFER (1985): Chancellor and Professor - Curriculum and Instruction. B.S., M.A., Central Michigan University; Ph.D., University of Wisconsin-Madison.

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FORREST L. BRIGHT (2001): Clinical Nurse Specialist – University Health and Counseling. B.S., M.S., University of Wisconsin-Milwaukee; D.N., Rush University, IL.

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- CAROL J. ELSEN (2002): Reference Librarian - University Library. B.A., Wheaton College, Wheaton, IL; M.S., University of Illinois, Urbana, IL; C.S.S., Harvard, Cambridge, MA.
- JONATHAN C. ENSLIN (1996): Assistant Chancellor - University Advancement. B.A., Marquette University, Milwaukee, WI.
- TIMOTHY FADER (2004): Coach - Intercollegiate Athletics and Lecturer - Health, Physical Education, Recreation and Coaching. B.A., Augustana College, Rock Island, IL; M.S., University of Wisconsin-La Crosse.
- THOMAS M. FICK (1976): Sports Information Director - Intercollegiate Athletics. B.S., Carroll College, Waukesha, WI.
- ERIC G. FIELD (1992): Outreach Specialist - Continuing Education. B.A., University of Wisconsin-Whitewater; M.A., Minnesota State University, Mankato, MN.
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- GAUTAM WADHWA (2006): Assistant Professor – Art. B.A., Delhi University, New Delhi, INDIA; M.F.A., University of Illinois, Chicago, IL.
- DARYLE A. WAECHTER-BRULLA (1990): Associate Professor - Biological Sciences. B.S., Illinois State University-Normal, IL; M.S., Ph.D., University of Illinois at Urbana-Champaign, IL.
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- RICHARD J. WAGNER (1990): Professor - Management. B.S., Union College, Schenectady, NY; M.B.A., Gonzaga University, Spokane, WA; Ph.D., Indiana University-Bloomington, IN.
- LILA D. WALDMAN (2005): Professor - Information Technology and Business Education. B.S., University of Wisconsin-Stevens Point; M.S., University of Wisconsin-Madison; Ph.D., University of Minnesota, St. Paul, MN.
- MICHAEL D. WALLACE (1997): Lecturer - Social Work. B.S., M.S.W., University of Wisconsin-Milwaukee.
- MEG A. WARACZYNSKI (1992): Professor - Psychology. B.A., University of Wisconsin-Milwaukee; Ph.D., Harvard University, Cambridge, MA.
- JOHN B. WASHBUSH (2007): Lecturer – Management. M.A., University of Wisconsin-Madison; M.B.A., Ph.D., Marquette University, Milwaukee, WI.
- WILLIAM R. WATTS (2008): Lecturer – Management. B.S., M.Ed., Ph.D., Loyola University, Chicago, IL.
- ROY C. WEATHERWAX (1976): Professor - Accounting. B.B.A., Ph.D., University of Wisconsin-Madison.
- CURT M. WEBER (2001): Lecturer - Finance and Business Law. B.A., Marquette University, Milwaukee, WI; J.D., Duquesne University, Pittsburgh, PA.
- S-A WELCH (2002): Associate Professor – Communication. B.S., B.A., M.A., University of Central Florida, Tampa, FL; Ph.D., Kent State University, Kent, OH.
- ROBYN M. WELK (2009): Lecturer – Social Work. B.A., University of Iowa, Iowa City, IA; M.S.S.W., Loyola University, Chicago, IL.
- DAVID M. WELSCH (2006): Assistant Professor - Economics. B.A., University of Wisconsin-Milwaukee; M.A., Ph.D., Indiana University, Bloomington, IN.
- JON WERNER (1998): Professor - Management. B.S., M.B.A., Ph.D., Michigan State University, East Lansing, MI.
- BENJAMIN WHITCOMB (1999): Associate Professor - Music. B.M., Oklahoma State University, Stillwater, OK; M.M., Ph.D., University of Texas, Austin, TX.
- MARIA E. WHITE (2005): Lecturer – Languages and Literatures and Communication. B.A., National University of Mexico, Mexico City, MEXICO; M.S., University of Wisconsin-Whitewater.
- MAX L. WHITE (2000): Associate Professor - Art. B.A., Colby College, Waterville, ME; M.F.A., University of Pennsylvania, Philadelphia, PA.
- RUTH S. WHITMORE (1992): Lecturer - Mathematical and Computer Sciences. B.S., M.S., University of Wisconsin-Madison.
- DAVID E. WIEDERRECHT (2005): Lecturer - Health, Physical Education, Recreation and Coaching and Coach – Intercollegiate Athletics. B.S., Messiah College, Grantham, PA; M.S., McDaniel College, Westminster, MD.
- SUSAN M. WILDERMUTH (2000): Associate Professor - Communication. B.A., University of Wisconsin-Whitewater; M.A., Ph.D., University of Minnesota-Minneapolis, MN.
- DEBORAH WILK (2007): Assistant Professor – Art. B.A., University of Colorado, Boulder, CO; M.M., University of Wisconsin-Milwaukee, Ph.D., University of Kansas, Lawrence, KS.
- TOBIE L. WILKINSON (2002): Lecturer - Music. B.M., B.M.E., Central Michigan University, Mt. Pleasant, MI; M.M., Rice University, Houston, TX.
- RODERICK I. WILSON (2009): Lecturer – History.
- JAMES P. WINSHIP (1981): Professor - Social Work. B.A., Davidson College, North Carolina, NC; M.S.W., D.P.A., University of Georgia, GA.
- TRUDI D. WITONSKY (2002): Assistant Professor - Languages and Literatures. B.A., Grinnell College, Grinnell, IA; M.A., Ph.D., University of Wisconsin-Madison.
- KELLY S. WITTE (2008): Assistant Professor – Health, Physical Education, Recreation and Coaching. B.S., University of Wisconsin-Oshkosh; M.S., University of Wisconsin-La Crosse; D.Ed., Cardinal Stritch University, Milwaukee, WI.
- MICHAEL J. WOLLER (1995): Professor - Biological Sciences. B.S., M.S., University of Wisconsin-Oshkosh; Ph.D., University of Wisconsin-Madison.
- STEPHANIE C. WOLOSHIN (2007): Lecturer – Communication Sciences and Disorders. B.S.E., M.S., University of Wisconsin-Madison.
- BRETT C. WOODS (2008): Assistant Professor – Biological Sciences. B.A., University of California-Berkeley, Berkeley, CA; Ph.D., University of Kansas, Lawrence, KS.
- CRAIG G. WUCIVIC (1983): Lecturer - Occupational Environmental Safety Health. B.S., M.S., University of Wisconsin-Whitewater.
- OLIVIA YANG (2005): Assistant Professor - Curriculum and Instruction. B.S. Korea University, KOREA; M.S., Ph.D., Iowa State University, IA.
- MEIFANG XIANG (2008): Assistant Professor – Accounting.
- KATHLEEN M. YIH (2009): Lecturer – Communication. B.A., University of Wisconsin-Platteville; M.A., Marquette University, Milwaukee, WI.
- LI CHUNG YIN (1994): Professor – Information Technology and Business Education. B.S., National Chung Hsin University, TAIWAN; Ph.D., Indiana University-Bloomington, IN.
- ROGER YOUNG (1998): Lecturer - Occupational Environmental Safety Health. B.A., University of Wisconsin-Madison; M.S., University of Wisconsin-Whitewater.
- TRINA K. YOUNG (2007): Lecturer – Languages and Literatures. B.A., M.A., Brigham Young University, Provo, UT.
- WAYNE A. YOUNGQUIST (2002): Lecturer – Sociology, Anthropology, and Criminal Justice. B.S., University of Wisconsin-Milwaukee; M.A., Rutgers University, New Brunswick, NJ.
- LINDA YU (2004): Associate Professor - Finance and Business Law. B.A. Jilin University, CHINA; M.A. Pittsburg State University, PA; Ph.D. University of Memphis, TN.
- YUAN YUAN (2007): Assistant Professor – Finance and Business Law. B.A., Shanghai Jiao Tong University, Shanghai, CHINA; Ph.D., Georgia State University, Atlanta, GA.

JEFFREY T. ZALAR (2009): Lecturer – History. B.A., Marquette University, Milwaukee, WI; Ph.D., Georgetown University, Washington, D.C.

ELIZABETH A. ZARINIA (1989): Associate Professor - Educational Foundations. B.A., University of Southampton, ENGLAND; M.L.S., Ph.D., University of Wisconsin-Madison.

JOHN M. ZBIKOWSKI (1989): Associate Professor - Curriculum and Instruction. A.B., M.S., Syracuse University, Syracuse, NY; Ph.D., University of Florida-Gainesville, FL.

HEATHER M. ZEBROWSKI (2008): Assistant Volleyball Coach – Intercollegiate Athletics and Lecturer - Health, Physical Education, Recreation and Coaching. B.S., M.S., Southern Illinois University, Carbondale, IL.

JAMES ZEBROWSKI (2007): Lecturer - Health, Physical Education, Recreation and Coaching and Assistant Football Coach – Intercollegiate Athletics. B.S., Mount Union College, Alliance, OH; M.S., Southern Illinois University, Carbondale, IL.

AMY ZELINGER (2005): Lecturer - Health, Physical Education, Recreation and Coaching and Associate University Relations Specialist and Assistant Women's Basketball Coach – Intercollegiate Athletics. B.A., University of Wisconsin-Stout; M.A., M.B.A., University of Wisconsin-Whitewater.

SHEN ZHANG (2009): Assistant Professor – Psychology. B.S., M.S., Peking University, Beijing, CHINA; Ph.D., University of Nebraska-Lincoln, Lincoln, NE.

XIAOHONG ZHANG (2003): Associate Professor - Art. B.A., Huibei Academy of Fine Arts, CHINA; M.F.A., Southern Illinois University, Carbondale, IL.

YILIN ZHANG (2006): Lecturer – Languages and Literatures. B.A., Beijing Normal University, P.R. CHINA; M.A., University of Connecticut, Storrs, CT.

YUSHAN SAM ZHAO (2001): Associate Professor - Marketing. B.S., Tianjin University – Tianjin, CHINA; Ph.D., Michigan State.

JIANZHOU ZHU (2001): Associate Professor – Finance and Business Law. B. Econ., M. Econ., Shaanxi Institute of Finance and Economics. Xian, CHINA; Ph.D., Louisiana Tech University, Ruston, LA.

JEFFREY ZIMMERMAN (2006): Associate Professor – Geography and Geology. M.S., Ph.D., University of Wisconsin-Madison.

MARY T. ZUEHLKE-GANSHERT (1997): Lecturer - Art. B.A., University of Wisconsin-Stout; M.A., M.F.A., University of Wisconsin-Madison.

MARK J. ZUNAC (2008): Lecturer – Languages and Literatures and Academic Support Services. B.S., M.A., Ph.D., Marquette University, Milwaukee, WI.

MATTHEW ZWASCHKA (2005): Lecturer - Health, Physical Education, Recreation and Coaching and Assistant Coach – Intercollegiate Athletics. B.A., M.A., University of Wisconsin-La Crosse.

EMERITI

George Adams; Languages and Literature (2007)

Peggy A. Anderson; Management (2005)

Amy E. Arntson; Art (2004)

Harold Averkamp; Accounting (2003)

Jeffrey C. Barnett; Mathematical and Computer Science (2011)

Laurie M. Barrett; Accounting (1997)

Peter R. Barry; History (1994)

Phyllis Batra; Developmental Education (2011)

Marilyn Baxter; Theatre and Dance (1998)

Brian K. Beck; Modern Languages and Literatures (1994)

David Bednarek; Communication (2000)

Robert J. Berezowitz; Health, Physical Education, Recreation and Coaching (2007)

Ronald R. Bergsten; Physics (1994)

William T. Berry; Coaching (1990)

Ashok Bhargava; Economics (2003)

Elizabeth A. Blankenship; Learning Resources (1989)

Winson C. Blankenship; Occupational and Environmental Safety and Health (1989)

Richard I. Blue; Information Resources (1998)

Elizabeth Blumberg; Art (2000)

John Bodensteiner; Enrollment Services (1997)

Kirby H. Bock; Art and Music (2009)

Janette M. Bohi; History (2004)

Thomas E. Bolduc; Psychology (1990)

Karl F. Borgeson; Art (2002)

Paul W. Breitsprecher; Learning Resources (1990)

Richard S. Brooks; Philosophy and Religious Studies (2011)

William Brunnckhorst; Biology (1991)

Robert M. Bryan; Mathematical and Computer Sciences (2008)

Gerald A. Buhrow; Financial Aid (1993)

Bruce J. Bukowski; Academic Advising (2011)

Robert N. Burrows; English (1993)

Adriana Busot; Foreign Language (1988)

Aldo J. Busot; Foreign Language (1989)

Gene Cardinal; Coaching (1988)

Patricia L. Casey; Communication Sciences and Disorders (2011)

Jack Cassingham; Music (1996)

William L. Chandler; Curriculum and Instruction (2010)

Alberta E. Christen; Mathematics (1976)

Donna Rae Clasen; Educational Foundations (2000)

Michael C. Cohen; Budget and Finance (2011)

Jerre C. Collins; Languages and Literatures (2011)

James W. Colmey; Administrative Services (1989)

Thomas L. Colwin; Theatre/Dance (2008)

James R. Connor; Chancellor and History (1991)

Peter D. Conover; Communication (2010)

E. LaVonne Coppenbarger; Music (1993)

Roger D. Coppenbarger; Music (1995)

Charles E. Cottle; Political Science (2008)

Lynn Courtenay; Art (2000)

Ronald R. Crabb; Finance and Business Law (2006)

Lawrence Crone; Biological Sciences (1998)

Frances M. Culbertson; Psychology (1988)

John A. Cummings; Biology (1990)

Jacqueline Dailey; Health, Physical Education Recreation and Coaching (2000)

Norma Gay Davidson-Zielske; Languages and Literatures (2011)

Allan W. Davis; Library (2008)

Larry W. Davis; Mathematical and Computer Sciences (1998)

Wade H. Dazey; Philosophy and Religious Studies (2011)

Mary Jo deMeza; Instructional, Communication and Information Technology (2011)

John R. Dominguez; Economics (2011)

Carlos W. de Onis; Languages and Literatures (2004)

Joseph S. Domitrz; Economics and Finance and Business Law (2002)

Betty A. Diamond; Languages and Literatures (2009)

Daniel D. DiPiazza; Political Science (1990)

Mark S. Dorn; University Relations (2007)

Neil R. Dortch; Business Education/Computer and Network Administration (2002)

Bradley J. Dresang; University Center and Auxiliary Services (1999)

Edward J. Drexler; Chemistry (2002)

Clayton A. Drouillard; Mathematical and Computer Sciences (1990)

Roland Durette; Languages and Literatures (1996)

Douglas B. Eamon; Psychology (2011)

Daniel J. Edlebeck; Registrar (2009)

James L. Ehlers; University Health and Counseling Services (2010)

Richard Ehrenberg; Facilities Planning and Management (2000)

Allen R. Einerson; Academic Support Services (2009)

Ronald V. Ellis; Languages and Literatures (1997)

Jimmie N. Eloff; Continuing Education (1997)

Richard C. Enstad; Mathematical and Computer Sciences (1999)

M. Virginia Epps; Curriculum and Instructions (2007)

Edward E. Erdmann; Languages and Literatures (2011)

Jeanine M. Fassl; Communication (2011)

- John D. Fallon; Languages and Literatures (2002)
 Mercedes Fernandez; Theatre/Dance (1996)
 Frank Ferriano; Music (1991)
 James Fischer; Accounting (2001)
 Mary Amanda Fischer; Marketing and Media Relations (2009)
 Robert Fiskum; Health, Physical Education, Recreation and Coaching (1996)
 Merle N. Follstad; Biological Sciences (1998)
 Cora M. Forbush; Educational Foundations and Counselor Education (1988)
 Corinne E. Forster; Secondary Education (1984)
 Nancy E. Fowell; Curriculum and Instruction (1998)
 Gail M. Fox; Career and Leadership Development (2011)
 Karl E. Fraedich; Accounting (1999)
 James W. Freer; Administrative Affairs (2006)
 Patricia K. Freer; University Center (2006)
 Melissa Freiberg; Curriculum and Instruction (2007)
 Stephen J. Friedman; Educational Foundations (2005)
 Everett P. Fulton; Philosophy and Religious Studies (1989)
 Thomas M. Ganser; Curriculum and Instruction (2011)
 Eliezer Geisler; Management (1999)
 Jacob H. Gerlach; Mathematical and Computer Sciences (1997)
 Mary Anne Gerlach; Mathematical and Computer Sciences (1997)
 Katherine M. Gibbs; Continuing Education (2006)
 Janis Goder; University Police (2003)
 Dorothy M. Gollmar; Mathematical and Computer Sciences (1996)
 Beverly L. Good; Educational Foundations and Counselor Education (1987)
 Carol D. Goodwin; Technology and Information Resources (1996)
 Carolyn B. Gorby; Career Services (1998)
 Iza Goroff; Management (1998)
 George H. Gray; Business Education and Office Administration (1993)
 Charles S. Green III; Sociology (2002)
 Rosemary A. Green; Special Education (1997)
 H. Gaylon Greenhill; Chancellor and Political Science (1999)
 Maureen L. Griffin; Special Education (2011)
 H. Eugene Grigsby; Sociology, Anthropology and Criminal Justice (2011)
 Thomas S. Grotelueschen; Curriculum and Instruction (1995)
 Lyal V. Gustafson; Accounting (2004)
 Darlene R. Habanek; Educational Foundations (2008)
 Allan P. Haberman; Student Financial Services (2008)
 George B. Hafer; Communication (1995)
 Hans R. Hahn; Special Education (1997)
 Kenneth Hammer; Economics (1983)
 Daniel P. Hancock; Management (2002)
 Richard C. Haney; History (2007)
 Bennette R. Harris; Mathematical and Computer Sciences (2011)
 Lawrence Harrison; Art (2000)
 Richard P. Haven; Communication (2011)
 Robert D. Heidorn; Political Science (2001)
 Joan P. Heimlich; Curriculum and Instruction (1997)
 Roger W. Helming; Curriculum and Instruction (1990)
 Russell D. Helwig; Physics (1998)
 Craig A. Herbert; Counselor Education (1998)
 Mellanie Herbert; Business Education/Computer & Network Administration (2000)
 Marvin Hersko; Psychology (1989)
 Pernel H. Hewing; Business Education and Office Administration (1992)
 John H. Heyer; Music (2009)
 Fannie E. Hicklin; Theatre/Dance (1988)
 Frances J. Hill; Finance and Business Law (2001)
 Irene E. Hill; Curriculum and Instruction (1993)
 Noel N. Hjelmhaug; Physics (1995)
 JoAnn Hobbs; Music (2003)
 Sherry Hofer; Technology and Information Resources (2001)
 Joseph D. Hogan; Languages and Literatures (2011)
 Rebecca S. Hogan; Languages and Literatures (2011)
 Mary Margaret Hosler; Information Technology and Business Education (2005)
 I-Ning Huang; Psychology (2000)
 Joyce L. Huang; Library (2008)
 Lyle Hunter; Mathematical and Computer Sciences (2000)
 Linda Hurstad; Music (2003)
 Marcia L. James; Information Technology and Business Education (2009)
 Richard F. James; Information Technology and Business Education (2007)
 Patricia A. Jankowski; Facilities Planning and Management (2011)
 Jeff C. Janz; Student Affairs (2010)
 Joe J. Jaquess; Library (2008)
 Robert L. Jennings; Music (1992)
 Richard C. Jentoft; Communicative Disorders (1997)
 Christine C. Johansen; Music (2007)
 Harry A. Johansen; Music (2006)
 Philip T. Johns; Chemistry (2008)
 Elaine D. Johnson; Languages and Literatures (2005)
 Jerome W. Johnson; Learning Resources (1994)
 M. William Johnson; Communications (2006)
 Barbara C. Jones; Student Affairs (2008)
 Dianne C. Jones; Health, Physical Education, Recreation and Coaching (2009)
 Paul H. Jones; Admissions (2008)
 Maurice C. Kalb; Biological Sciences (1996)
 Steven B. Karges; History (2007)
 William Keelty; Languages and Literatures (2006)
 Dennis W. Kehoe; Foreign Languages (1993)
 Richard D. Kelley; Psychology (1994)
 Lawrence M. Kenney; Curriculum and Instruction (2007)
 Marilyn J. Kile; University Health and Counseling Services (2010)
 Kirk Y. Kim; Economics (2002)
 Charles R. King; Curriculum and Instruction (1989)
 Jacqueline A. King; Students with Disabilities (2005)
 Karen K. Kirst-Ashman; Social Work (2008)
 Gary B. Klatt; Mathematical and Computer Sciences (1999)
 Arno Kleimenhagen; Marketing (2001)
 Edwin M. Klein; Mathematical and Computer Sciences (2004)
 Judith Knapp; Mathematical and Computer Sciences (2001)
 Robert Knapp; Mathematical and Computer Sciences (2001)
 Betty Kobs; Communication (2000)
 Alfred S. Kolmos; Educational Foundations and Counselor Education (1986)
 Ruth A. Koskela; Curriculum and Instruction (1998)
 John F. Kozlowski; Political Science (2005)
 Molly P. Krival; Communications (1988)
 Jeannette S. LaBarge; Students with Disabilities (2010)
 Linda J. Lamont; University Health and Counseling Services (2011)
 James D. Larson; Psychology (2011)
 Lars E. Larson; Management (1995)
 Jerome K. Laurent; Economics (2006)
 Paul W. Lauritzen; Special Education (1994)
 James Leaver; Languages and Literature (2000)
 Regis M. Lecoanet; Languages and Literatures (2011)
 Donald G. Leeseberg; Marketing (1983)
 Ralph E. Lehman; Physics (1987)
 Carla Lenk; Small Business Development Center (2004)
 Nancy G. Lewis; Languages and Literatures (1996)
 Janet M. Leys; Mathematical and Computer Sciences (2011)
 William S. Linsenmeyer; History (1996)
 Pamela A. Lipka; Developmental Education (2005)
 Richard C. Lombard; Special Education (2009)
 Everett L. Long; History (1996)
 Gordon D. Long; Languages and Literatures (1997)
 Linda M. Long; New Student Programs (2007)
 Roger Ludeman; Student Affairs (2001)
 John R. Luecke; Communication (2008)
 Herbert J. Lundin; Geography (1990)
 Wayne Lusk; University Bookstore (2001)
 Frank Luther; Geography and Geology (2003)
 Squire G. Luttrell; Learning Resources (1987)
 Judson Lyon; Curriculum and Instruction (2000)
 John F. Macek; University Health and Counseling Services (2007)
 Irv A. Madsen; Admissions (1996)
 Phillip Makurat; Curriculum and Instruction (2008)
 Don L. Manley; Physics (1990)
 Merlin J. Manley; Educational Foundations (1993)
 Rodney A. Marquardt; University Center (1989)

- James Mathews; Learning Resources (1983)
- Jean A. Mausehund; Information Technology and Business Education (2004)
- Charles R. McCoy; Chemistry (1988)
- Donald W. McCready; Psychology (1992)
- Elizabeth J. McGlynn; Personnel (1996)
- Carlene J. McMonagle; Music (2005)
- Norman R. Meeker; Admissions (1990)
- Douglas L. Meikle; History (1987)
- Mary T. Meikle; Health, Physical Education and Recreation (1989)
- Karl H. Merz; Languages and Literatures (2002)
- Leslie G. Meyer; Academic Affairs (2010)
- Edward P. Michalewicz; Occupational and Environmental Safety and Health (1994)
- Evelyn R. Miller; Languages and Literatures (2010)
- James B. Miller III; Health, Physical Education, Recreation and Coaching (2003)
- Rae S. Miller; Communication (2000)
- Ruth Miner-Kessel; Political Science (1985)
- Barbara E. Mischio; Curriculum and Instruction (2002)
- George S. Mischio; Special Education (2002)
- Barbara S. Monfils; Communication (2011)
- Russell Moratz; Learning Resources (1979)
- Leonard E. Morgan; Testing (2005)
- Margaret H. Mueller; Elementary Education (1975)
- Andrea S. Musher; Languages and Literatures (2011)
- William L. Myers; Health, Physical Education, Recreation and Coaching (2004)
- G.M. Naidu; Marketing (2004)
- Rudolph M. Najjar; Mathematical and Computer Sciences (1990)
- Reginald G. Nash; Biological Sciences (1995)
- Lanny A. Neider; Sociology (2002)
- Agate Nesaule; Languages and Literatures and Women's Studies (1996)
- John E. Nichols; Communication (1993)
- Ruth Ross Nicholson; Student Affairs (1983)
- Karen-Sam R. Norgard; Art (2007)
- Charles A. North; Biological Sciences (1994)
- Andrea Nye; Philosophy and Religious Studies (2000)
- Clifford W. O'Beirne; Psychology (1996)
- John C.H. Oh; Political Science (1997)
- Star Olderman; Women's Studies (2005)
- Nelia Olivencia; Latino Student Programs (2010)
- Howard G. Olson; Finance and Business Law (2011)
- C. Daniel O'Sullivan; Recreational Sports and Facilities (1998)
- Terry Ostermeier; Communication (2000)
- Kenneth A. Otting; Curriculum and Instruction (1993)
- Edna M. Park; Developmental Mathematics (1996)
- Joe C. Park; Educational Foundations (1998)
- Gordon E. Parks; History (1991)
- Susan J. Parks; Economics (2005)
- John G. Patterson; Geography and Geology (2006)
- Anthony L. Pavlick; Economics (1988)
- Faustine Perham; Mathematics and Computer Sciences (2003)
- Robert Y. Perinchief; Music (1990)
- Forrest W. Perkins; Coaching (1986)
- Margot M. Peters; English (1991)
- John D. Peterson; University Center (2008)
- Robin E. Pettersen; Theatre/Dance (2011)
- Heinz Pfaeffle; Special Education (1983)
- Lynton M. Piatt; Psychology (1991)
- William E. Powell; Social Work (2011)
- Marcia A. Pulich; Management (2009)
- Roger L. Pulliam; Academic Support Services (2008)
- Mary E. Quinlivan; History (1996)
- E. John Rabe; Health, Physical Education, Recreation and Coaching (1997)
- James P. Raffini; Educational Foundations (1996)
- Elmer G. Redford; Physics (1993)
- David A. Remmele; Accounting (2007)
- Vernon L. Rexroat; Special Education (1994)
- Benjamin D. Rhodes; History (2002)
- Ann B. Riall; Special Education (2008)
- Mary Ann Riccio; Health, Physical Education and Recreation (1990)
- Dennis M. Richter; Geography (1997)
- Roy P. Roberson; Finance and Business Law (1991)
- Audrey J. Roberts; English (1992)
- Vay A. Rodman; Occupational and Environmental Safety and Health (2009)
- Harriet D. Rogers; Curriculum and Instruction (2007)
- Dennis K. Rohrs; Music (1990)
- Kirk J. Romary; Chemistry (1994)
- Carol J. Rosen; Geography and Geology (2011)
- Don S. Ross; Philosophy and Religious Studies (1994)
- Mary Lou Rossini; Curriculum and Instruction (1999)
- Helga Rothweiler; Languages and Literatures (1998)
- Robert L. Rothweiler; Political Science (1997)
- Kristin L. Russell; Health, Physical Education and Recreation (2005)
- Joyce Ryan; Music (2003)
- W. Daniel Sable; Biological Sciences (1997)
- Richard G. Salem; Sociology, Anthropology, and Criminal Justice (2010)
- Robert L. Sauer; Management (1998)
- Richard Schauer; Mathematical and Computer Sciences (2000)
- Ruth A. Schauer; Languages and Literatures and Women's Studies (1996)
- Richard J. Schlafer; Psychology (2001)
- Dorothy M. Schlimm-Sand; Curriculum and Instruction (1992)
- James S. Schlough; Biological Sciences (1995)
- Susan R. Schlough; Developmental Studies (1996)
- Nancy A. Schneeberger; Accounting (2006)
- Bruce E. Schroeder; Associate Registrar (1995)
- Lawrence F. Schuetz; Languages and Literatures (2005)
- Kathleen Schumacher; Financial Aid (2000)
- Vernon A. Schumacher; Curriculum and Instruction (1990)
- Patricia L. Searles; Sociology, Anthropology, and Criminal Justice (2009)
- George H. Seeburger; Biology (1992)
- Aeilt E. Sents; History (1986)
- Hsi-ping Shao; Learning Resources (2001)
- Lon D. Sherman; Admissions (1998)
- Carl W. Shinnery; Physics (1992)
- Lynn H. Shoemaker; Languages and Literatures (2009)
- William F. Siebers; Music (1988)
- Barbara J. Sigler; University Center (2009)
- Donald H. Silva; Economics (1996)
- Mete Sirvanci; Marketing (2009)
- Julie A. Smith; Languages and Literatures (2011)
- S. Galen Smith; Biology (1991)
- Sandra L. Snow; Economics (2002)
- Edna C. Sorber; Communication (1981)
- Donald E. Sorensen; Finance and Business Law (2007)
- Michael C. Spellman; University Advancement (2008)
- Bambi L. Statz; Information Technology and Business Education (2008)
- Dale F. Stehno; Counselor Education (1998)
- Frank Stekel; Physics (2001)
- Shirley Stekel; Physics (2000)
- James Stewart; Registrar's Office (2001)
- Luther R. Stonecipher; Physics (1986)
- David M. Stoneman; Mathematical and Computer Sciences (1998)
- Norman L. Stoner; Physics (1999)
- Stephen H. Summers; Student Affairs (2009)
- Atlee Svano; Management (2000)
- Jerome P. Tanguay; Mathematical and Computer Sciences (2007)
- Max F. Taylor; Art (1995)
- Edwin E. Thele; Accounting (1991)
- George Tesar; Marketing (2001)
- Ann Tetley; Communication (2001)
- Janet S. Thatcher; Finance and Business Law (2001)
- John Thatcher; Finance and Business Law (2001)
- Warren S. Theune; Secondary Education (1986)
- Linda Threadgill; Art (2003)
- Vlad I. Thomas; English (1990)
- Dorothy M. Tiede; Special Education (1990)
- Sharon W. Tiffany; Women's Studies and Anthropology (2004)
- Walter W. Tiffany; Women's Studies and Anthropology (2004)
- James E. Toennies; Health, Physical Education, Recreation & Coaching (1993)
- Susan Toms-Bronowski; Curriculum and Instruction (2011)
- Victoria A. Topp; University library (2006)

Patricia A. Townsend; Communication (1998)
 Jack W. Travis; Geology (1999)
 Wilfred R. Tremblay, Communication (2007)
 James R. Trier; Mathematical and Computer Sciences (1994)
 Dennis Trudell; Languages and Literatures (2001)
 John Truesdale; Disabled Student Services (2001)
 Anthony L. Truog, Educational Foundations (2009)
 Denay L. Trykowski; Health, Physical Education, and Recreation (2011)
 Hugo C. Tscharnack; Physics (2002)
 M. Hope Underwood; Educational Foundations and Counselor Education (1990)
 Robert M. Underwood; Geography (1986)
 David M. Vander Meulen; Health, Physical Education and Recreation (2001)
 Martha Van Steenderen; Health, Physical Education and Recreation (1990)
 Bernard Verrill; Psychology (1990)
 Edward Vitale; Marketing (2000)
 Donald J. Voeller; Geography (1996)
 Kathryn E. Vonderau; HPER (1988)
 Thomas W. Walterman; Associate Vice Chancellor (1995)
 Ronald R. Wangerin; Health, Physical Education, Recreation and Coaching (1995)
 D. June Ward; Biology (1990)
 Robin M. Warden; Special Education (2006)
 John B. Washbush; Management (2006)
 Roy C. Weatherwax; Accounting (2011)
 LaMont C. Weaver; Academic Advising (2011)
 Robert K. Webb; Music (1989)
 Sharon L. Webster; University Health and Counseling (2001)
 Carolyn E. Wedin; Languages and Literatures (1996)
 Mary (Bross) Weinlein; Special Education (1993)
 William W. Weiss; Communication (2006)
 Richard Westphal; Management (1990)
 Mary Ann Wham; Curriculum and Instruction (2002)
 Ruth S. Whitmore; Mathematical and Computer Sciences (2011)
 ohn Wickenberg; Art (2001)
 Thomas R. Wilcox; Mathematical and Computer Sciences (1993)
 Raleigh J. Williams; Mathematical and Computer Sciences (1991)
 Jerome W. Witherill; Occupational and Environmental Safety and Health (1998)
 Dianne L. Witte; Library (2011)
 Roland Woodbeck; Auxiliary Services (2000)
 Richard A. Yasko; History (2005)
 Rosann Young; Communication (2003)
 Lowell V. Youngs; Music (1997)
 Paul Yvarra; Curriculum and Instruction (2005)
 Donald K. Zahn; Information Technology and Business Education (2011)
 Karl G. Zahn; Curriculum and Instruction (1990)
 Louella J. Zahn, Continuing Education Services (2008)
 Abdullah Zarinnia; Economics (1999)
 Elizabeth Anne Zarinnia; Educational Foundations (2011)
 Charles H. Zastrow; Social Work (2006)
 Norbert J. Zelten; Accounting (1989)

EXCELLENCE IN TEACHING AWARDS

2011	Barbara Beaver, Psychology
2010	Marilyn Durham, Languages and Literatures
2009	John Howat, Finance and Business Law
2008	Robert Gruber, Accounting
2007	Barbara Penington, Communication
2006	Lois Smith, Marketing
2005	Scott Bradley, Communicative Disorders
2004	John Dominguez, Economics
2003	Diana Rogers-Adkinson, Special Education
2002	Ronald Berger, Sociology
2001	Christen Ellenwood, Music
2000	James Leaver, Languages & Literatures
1999	Brenda R. O'Beirne, Counselor Education
1998	Charles S. Green, Sociology
1997	Gregory Valde, Educational Foundations
1996	George Ferencz, Music
1995	Arno Kleimnagen, Marketing

1994	Richard Jentoft, Communicative Disorders
1993	Jerome W. Witherill, Occupational & Environmental Safety & Health
1992	Clifford W. O'Beirne, Psychology
1991	John F. Kozlowski, Political Science
1990	Robert N. Burrows, English
1989	Gorden 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 Daniel Matson, '68 JoAnn (Chopp) Truss, '67 & '80
	1976	Patricia (Spicer) Lamb, '68 Edward Litrenta, '68 John A. Mooney, '66
	1977	Beverly Kaeser, '68 Patricia Gober-Meyers, '70 Robert Albert Otto, '67 Dale Reich, '77
	1978	Frank M. Brasile, '69 Gregg A. Condon, '70 Harry J. Steindorf, '73 Krysten Stepke, '74 & '78
	1979	Michael Cesario, '71 Linda Kurth, '75, '78 Nancy Nelson, '70 Louise (Hermsen) Schneff, '75
	1980	William Nantell, '70 Jeanne Pepper, '69
	1981	Ron Binning, '70 David Denemark, '74

Kristin Koeffler, '76
 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, '76
 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
 Ronald Thompson '72 & '84
 1995 Dean R. Amhaus '83
 Barry A. Brandt '85
 Dawn (Brooke) Hunter '81 & '87
 Barbara J. Smith '82
 1996 Yvonne (Anderson) Ostermann '89
 William Lutzen '83
 1997 Dean Van Galen '82
 Sarah Fletcher Botham '83
 1998 Cory Ann St. Marie-Carls '83
 Craig Coshun '90
 1999 Londa L. Hill '89, '02
 Merry Lee Lison '86
 2000 No Awards
 2001 Amy (Sonnenburg) Doepke '87
 2002 Diane (Prochaska) Hamilton '88
 Dr Mark Niedfeldt '88
 2003 Janet (Bilgen) Craggs '89
 Michael J Schumacher '88
 2004 Paul J Jones '93
 Rob Zerjav '97
 2005 Julie M Anding '90
 Gary D Held '90
 2006 No Awards
 2007 Henry E Sanders, Jr. '01
 2008 Tiffany M Prather '92, '94
 2009 Shannon Kennedy '95
 Damani Short '94

2010 David B Stamm '97
 2011 Nathanael A May '96

DISTINGUISHED ALUMNI

Cited in 1955 Raymond Ruppel* '21, '41
 John W. Tramburg* '35
 J.F. Waddell* '06
 1956 John Ebbott* '36
 Charles E. Jones* '29, '37
 Josephine Turner* '24, '39
 Clyde Jungbluth* '22
 1957 Elmer J. Anderson* '25
 Marvin A. Buege* '36
 Gladys Peske Kulow* '31
 Elda L. Merton* '16
 Willard G. Wandschneider* '35
 1958 Gladys Borchers* '18
 Harold M. Perry* '33
 Olga E. Schlueter* '17
 Vive Young* '04, '08
 1959 Walter D. Calvert* '26
 Alfred L. Godfrey* '10
 Leslie L. Partridge* '16
 Mary Tuohy Ryan* '19
 1960 Lela Parfrey Andrews* '12
 M. Jean Hoard* '11
 Clarence A. Kachel* '14
 Rex C. Mack, '42
 Florence Goodhue* '15
 Orville Palmer* '31
 Philip F. Roach* '03
 1962 Chloes Bardeen, '37
 John W. Hahn* '35
 Rudolph A. Karges* '01
 Silas G. Johnson* '19
 1963 Paul R. Alfonsi,*'27
 Edward J. Gauthier* '39
 Samuel J. Wanous* '29
 1964 Fred J. Duncombe* '17
 1965 John K. Kyle* '22
 1966 Goodwin Watson* '16
 Marie Benson* '18
 William E. Wolfe* '28
 Adrian Mitten* '18
 1967 Russell Kutz* '16
 Ray P. Glynn* '33
 Erwin M. Keithley* '32
 John L. Rowe* '35
 1968 Arthur J. Baker* '38
 Ruth A. Bennett* '24
 Lorraine Missling* '48
 E. Conrad Severson '19
 1969 Charles H. Dorr* '18
 Ruth Engebretsen Dorr* '16
 John Johnson* '14
 1970 Arthur E. Carlson* '43
 Arnold Condon* '34
 John Garstecki* '45
 Clemens Wisch* '42
 1971 Elizabeth Ruth Bromley* '40
 Cecile M. Logic* '38
 Ralf J. Thomas* '35
 Henry Yankow* '39
 1972 Harold Bliss, '43
 Robert Garvue, '46
 John Riesch, '52
 Donald Tully,*'38

- 1973 William Goers, Sr* '38
Andrew J. Goodman* '39
Evelyn F. Kronenwetter* '32
Florence Trakel* '33
- 1974 Donald Gau* '42
Albert Pitts, '49
Francis Richardson* '38
Paul Zurkowski, '54
- 1975 James Bower* '43
John Dettmann* '40
Mary R. Henningsen* '29
Richard J. Hoffman, '43
- 1976 Norman B. Mitby* '38
Harry Jasinski, '52
Helen Marie Eggert Snyder* '48
Louis K. Brandt* '36
- 1977 Dolores Fox Curran, '53
William Healey* '35
Jeanne Brunette Tregoning, '65
- 1978 C.C."Rudy" Martzke* '33
John Ponyicsanyi, Sr.* '35
Arthur G. McGraw, Jr.* '40
- 1979 Elizabeth Henkel Heller, '64
Herbert J. Langen, '39
George A. Lambert* '44
Dale H. Scharinger* '57
- 1980 Edward A. Baranowski, '59
Luella (Chrisler) Dettmann, '43
Lawrence Engel, '66
Lloyd Liedtke,*'38
- 1981 Jon C. Dahle, Sr* '38
Elinore (Wiseman) Jenkins* '48
Henry I. Kester, '44
John F. Krueger, '32
- 1982 J. William Brandel* '33
Mildred (Dobbs) Hicks, '42
Beatrice (Richards) Wehrly, '45
David Bushman* '67
- 1983 Anna Lou Reisch Owen, '40
John Underwood, '56
Timothy Cullen, '66
Mary Jo Greil, '69
- 1984 Tom Loftus, '71
Michael Guolee, '64
Mary Margaret O'Connell Hosler, '61
Donald Koepfen, '50
- 1985 Kathleen Harty, '53, '68
Alvin Jensen* '58
Delbert McGinnis* '48
Karen Gunderson Weissman, '66
Wallace E. Zastrow* '43
- 1986 Richard E. Galecki, '58
Douglas J. Timmerman, '62
- 1987 Kaye Burkhardt, '64
Roger J. Johnson, '61
Donald T. Nicolaisen, '67
Robert Niendorf, '62
- 1988 James Rowe, '71
Dennis Torkko, '68
- 1989 Dr. James R. Gammon, '56
Alfred Kolmos, '57
John R. Plewa* '69
Dr. William J. Seiler, '65
- 1990 David Balmer* '59
Don Hilbelink, '71
Xan Johnson, '67
- 1991 Robert L. Douglas '60
Kathleen (Downing) Wood '65
Jeffrey Schlueter '67
- Richard Pollock '74
- 1992 No Awards
- 1993 Carol A. (Becker) Cartwright '62
Joseph S. Fok '71
Dale M. Hanson '67
Dwight A. York '62
- 1994 Jeanette (Wendt) Campbell '60
Robert Baade '67
- 1995 Steven J. Burrows '74
Thomas A. Gaglione '74 & '76
Lolita (Matson) Kachel '50
Pat A. Rossman '66 & '72
- 1996 Leonard Converse* '34
Leonard DeBaker '50
Christine Neuman '69
Mark Neumann '75
- 1997 Warren Theune '50
Dennis Ladwig '62, '64 & '70
Philip Pelanek '70 & '72
Michael O'Halleran '72
Raymond Jacobsen '76
- 1998 Marc Anderson '67
Richard Kalinoski '70
Carlos Wagner '70
- 1999 Ronald F. Ertl '70
Judith M. Erwin '72
Constance (Wanninger) Glowacki '64 & '68
Greg M. Larson '72
Matthew S. Schliesman '78
Dennis Troha '68
- 2000 Frank Witthun '70
Stephen Van Galder '69
- 2001 Keith B Krinke '68
John W Matthews '83
Joseph E Schopen '66
- 2002 Carol Ann (Kluth) Schneider '58
James B Miller, III '65
Jeanne Julseth-Heinrich '67, '76
- 2003 Mark A Cullen '76
Sandra K (Rusch) Dunst '79
W Craig Esrael '81, '82
- 2004 James J Loiacono '84
Russell K Schulz '56, '77
Barbara (Lund) Timmerman '62
- 2005 Patricia J (Rusch) Duffey '77
Jeffrey L Engel '78
Richard A Meeusen '76
- 2006 Richard C Haney '63
Anne K Klisurich '69, '71
- 2007 Roger H Ganser '67
Rodney H Johnson '50
Neal J Kedzie '78
Carol (Ponyicsanyi) Miller '66, '68
- 2008 James M Stewart '74, '78
Timothy J Hyland '82
John V Madison '75
Mark S Dorn '74
- 2009 Stephen C. Boelter '70
Marcella L. Roenneburg, M.D. '76
Quinton D. Studer '73, '78
- 2010 David H Kistenbroker '75
Carole J "Caine" Lewandowski '81
Chittranian "Chuck" Thakkar '75
- 2011 James E Boyajia '70
Dale J Kent '74
Ervin R Munro '71, '76
Pauli M Nikolay '72, '89

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area map

