Undergraduate Catalog
2020-2021

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<td>Women's Studies (WOMENST)</td>
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UNDERGRADUATE CATALOG

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.

Your Responsibilities as a Student

UW-Whitewater Communication via email
UW-Whitewater uses e-mail to communicate with students on many important matters such as their tuition billing. The university automatically assigns each student an official UW-Whitewater e-mail account when you enroll. You are responsible for knowing and, when appropriate, acting on the contents of all university communications sent to your UW-Whitewater e-mail account.

Keep Your Mailing Address Up To Date
To receive important information, be sure your current addresses are update.

• Mail Address - update via WINS
• Home Address - update via WINS
• Residence Hall Address - contact Residence Life Office
• Billing Address - contact Student Financial Services

Check Your Schedule
After registering, students should print a copy of their WINS class schedule and verify enrollment. Corrections to your class schedule must be made in WINS by published add/drop deadline(s) to avoid academic and/or financial penalties. Nonattendance does not exempt you from such penalties.

Academic Advising Report (AAR): Undergraduate
To be eligible for an undergraduate AAR, you must be admitted to an undergraduate degree program. You are required to meet all degree requirements in effect at UW-Whitewater at the time of declaration of your current major.

Are You Graduating This Term?
If you expect to complete your degree in the fall/spring term, you must complete a Graduation Application in the Registrar's Office (undergraduate student). You are also required to pay the graduation fee even though you may elect not to participate in the commencement exercises. Contact the Registrar's Office for the Undergraduate application deadline.

Registration Information for Students
Registration is based on the number of cumulative credits that students have completed and earned (credits in progress do not count). To find your earliest date and time to register, sign in to WINS and look under Enrollment Dates. If you have a registration hold, it must be cleared by the office that placed it before you will be able to register for classes. Use the on-line, web-based WINS (http://www.uww.edu/wins/) system to register for classes.

Students who enroll in classes with UW-Whitewater have certain financial obligations and are responsible for knowing and abiding by all UW-Whitewater regulations, procedures, and academic calendar dates as stated in the term Schedule of Classes (http://www.uww.edu/registrar/schedule-of-classes/). Deadlines for adding and dropping classes, changing class grading bases and withdrawing from the university are published as part of the Schedule of Classes (http://www.uww.edu/registrar/schedule-of-classes/). Students must adhere to the deadlines to take advantage of tuition/fee refunds and to avoid academic consequences. Nonattendance does not exempt students from their financial and academic responsibilities.

UW-Whitewater uses e-mail to communicate with students on many important matters such as tuition billing (e.g., bills are sent only to the student's UW-Whitewater email account, they are not sent through postal mail). Students are responsible for knowing and, when appropriate, acting on the contents of all university communications sent to their UW-Whitewater e-mail accounts (http://www.uww.edu/icit/policies-agreements/email-policy/).

Problems associated with accessing WINS or student email accounts can be addressed by the iCIT HelpDesk (http://www.uww.edu/icit/get-help/).

If you have a registration hold, it must be cleared by the office that placed it before you will be able to enroll in classes.
GENERAL INFORMATION - UNDERGRADUATE

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Admission (Undergraduate)

262-472-1440
uwwadmit@uww.edu

Office of Undergraduate Admissions
Roseman Building 2032
University of Wisconsin - Whitewater
800 West Main Street
Whitewater, WI 53190

http://www.uww.edu/admissions (http://www.uww.edu/admissions/)

All persons who wish to pursue a degree program at the University must file the following documentation with the Admissions Office, Roseman Building 2060: an application for admission and any specific application fee, an official high school transcript, test scores (when applicable), and official transcript(s) of all previous post-secondary work attempted or completed. Priority dates for applications are established each year.

Preparation for University Study

A successful University experience depends upon the student’s prior educational coursework in high school and post-secondary school as well as other professional and personal experiences. Previous coursework and experiences should include a breadth of subject areas including English, mathematics, natural science, social studies, and other areas.

Typical Freshman Admission

Students can apply for admission as new freshman applicants as early as of their senior year. Applicants should use the online application, available at https://apply.wisconsin.edu/. Completed applications must include the application, the application fee, or applicable fee waiver, official copies of a high school transcript, and an ACT or SAT exam score to receive consideration. Students who wish to appeal their admission decision should contact the Director of Admissions.

Requirements

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>3 units</td>
<td>including algebra, geometry, and advanced algebra II or their equivalents</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3 units</td>
<td>preferably biology, chemistry, and physics</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 units</td>
<td>from any of the required areas or from the fine arts, computer science, foreign language, accounting or other academic areas approved by UW-Whitewater</td>
</tr>
<tr>
<td>Electives</td>
<td>4 units</td>
<td>from any of the required areas or from the fine arts, computer science, foreign language, accounting or other academic areas approved by UW-Whitewater</td>
</tr>
</tbody>
</table>

UW-Whitewater completes a comprehensive application review for 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/SAT Testing Requirement

The ACT/SAT is required for all incoming freshmen prior to enrollment at the University of Wisconsin-Whitewater. Both exams are 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 their official test results be forwarded to UW-Whitewater by the ACT or College Board (SAT). If the test score 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/SAT testing requirement may be directed to the Testing Office (262-472-5613). The SAT Test I is also acceptable. Incoming freshmen are also required to take the UW-System regional math placement test. Registration for placement tests begins February 1. Follow this link for registration information: http://testing.wisc.edu/centerpages/regionalexam.html# (http://testing.wisc.edu/centerpages/regionalexam.html).

Freshman Orientation, Registration, and Academic Advising

Incoming freshmen attend one of several summer registration/orientation programs. At that time, students meet with an advisor 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.

Transfer Requirements

Applicants should use the online application available at https://apply.wisconsin.edu/. Instructions with the admissions application will explain the procedure to be followed. An application fee or applicable fee waiver is required for all transfer students, except those who last attended a UW branch 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.

University of Wisconsin-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. Students who wish to appeal their admission decision should contact the Transfer Coordinator in the Undergraduate Office of Admissions.

Transfer of Credit

Degree 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) at UW-Whitewater and provided that the course parallels work offered at UW-Whitewater. Course credits accepted will transfer either as equivalent course credits or as elective credits. Any adjustment in the credit evaluation received by a transfer student must be requested within one year of the time of acceptance.

After a student has accumulated 72 semester credits, the student must earn a minimum of 48 credits at UW-Whitewater and/or other accredited four-year college before a bachelor’s degree is awarded. Upper division UW-Whitewater students who decide to attend a two-year college after accumulating 72 credits toward graduation must obtain permission from the dean of their college in advance of their attendance at the two-year college in order for the credits to transfer.

Credit for some course work in areas other than those offered at UW-Whitewater may be granted upon written petition to the appropriate college in order for the credits to transfer.

College of Education & Professional Studies

Students interested in the College of Education & Professional Studies should consult the college regarding prerequisite requirements. See the College of Education & Professional Studies (p. 100) website.

College of Business and Economics

Students interested in the College of Business and Economics should consult the college regarding prerequisite requirements. See the College of Business and Economics (p. 70) website.

Transfer credit is not granted for upper-division (300/400) business courses at UW-Whitewater unless the equivalent courses were taken after completing at least 60 units at the previous institution. Before receiving a degree in business, students must earn at least 18 units in their major at UW-Whitewater (21 units if majoring in Management Computer Systems).

For transfer students enrolling in the College of Business and Economics or the College of Education & Professional Studies, 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. Online students and students admitted under the “special student” classification are not required to attend the orientation program.

Online Program

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 or online Marketing program should contact the student services coordinator of online programs in the College of Business and Economics at onlinebba@uww.edu prior to applying to the University of Wisconsin - 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. For more information, please visit http://www.uww.edu/online/.
- The College of Letters and Sciences, in conjunction with Continuing Education, offers an online degree completion program in Criminology for law enforcement professionals. The Law Enforcement Adult program requires that students have completed an Associate’s Degree in Criminal Justice from one of the Wisconsin Technical Colleges, but exceptions will be considered. Students must contact the program coordinator prior to applying for this program. Contact Dr. Lauren Smith, smithlb@uww.edu for information and program requirements.
- 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 without Credentials

Students who do not wish to earn a degree from the University of Wisconsin - Whitewater may apply for admission as “special students
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 UW-Whitewater as matriculated students. Students in this classification must meet the University of Wisconsin-Whitewater program grade point average requirement and are considered to have fulfilled Proficiency, General Education, Core, and U.S Racial/Ethnic Diversity requirements. Transfer unit evaluations and Academic Advising Reports (AARs) are not available for these special students. Formal academic advising is not required.

Reentry

If you have not attended another college or university since leaving UW-Whitewater, and you left UW-Whitewater in good academic standing, or on probation, follow the steps below for applying to the university as a reentry student.

1. Complete application for admission: Complete the online application located at www.apply.wisconsin.edu (https://apply.wisconsin.edu/) (no application fee is required). Student should select “Applying as a Reentry.”
2. Submit enrollment deposit and Intent to Enroll form: Upon receiving your official admit letter, submit your $100 enrollment deposit. This $100 fee is applied toward your future tuition fees and is refundable via written request through July 1 for the fall term and through December 1 for the spring term.
3. Set an appointment for academic advising: Reentry students who have been admitted to the University and who have paid the $100 enrollment deposit are eligible to meet with their academic advisor. Your academic advisor will be listed on your WINS account.

Transfer/Reentry

If you attended another college or university after leaving, in good academic standing or on probation, UW-Whitewater regards you as a transfer student in terms of your application for admission. Follow the below steps for applying to the university as a transfer student.

1. Complete application for admission: Complete the online application located at www.apply.wisconsin.edu (https://apply.wisconsin.edu/) (no application fee is required). Student should select “Applying as a Transfer.”
2. Submit transcript for any college/university attended after attending UW-Whitewater: Official transcripts must be submitted to UW-Whitewater from ALL colleges or universities previously attended.
3. Set an appointment for academic advising: Transfer/reentry students who have been admitted to the University and who have paid the $100 enrollment deposit are eligible to meet with their academic advisor. Your academic advisor will be listed on your WINS account.

Reentry following academic dismissal

If you left UW-Whitewater in academically dismissed standing, you may seek re-admittance. The following link will explain reentry in detail: http://www.uww.edu/academicstandards/reinstatement-process (http://www.uww.edu/academicstandards/reinstatement-process/).

Adult/Online/Veteran/Returning Students

Adult and returning students follow the same basic admission process as other students. For admission details please contact the Admissions Representative for Adult, Online and Veteran Admission at 262-472-1440. Students may seek additional resources at: http://www.uww.edu/aso (http://www.uww.edu/aso/).

International Students

UW-Whitewater will consider applications from international students who demonstrate appropriate academic preparation, English proficiency, and adequate financial resources to cover the expenses of attending UW-Whitewater. Scholarships are available for international, undergraduate, degree-seeking students.

Students without the required level of English proficiency are invited to enroll in the English Language Academy (ELA). Students applying to the ELA may concurrently apply for “conditional admission” to UW-Whitewater degree programs, allowing them to transition into a UW-Whitewater degree program upon successful completion of the ELA program.

Further information about the admissions process for international students can be found at http://www.uww.edu/international/international-student-admissions.

Early College Credit Program

Early College Credit Program (ECCP) provides an opportunity for qualified students in 9-12 grades at Wisconsin public and private high schools to enroll in courses offered at UW-Whitewater on a space-available basis. To qualify, students must have a 3.4 GPA OR rank in the top 40% OR have a 25 ACT score.

To apply, Early College Credit students must follow the Department of Public Instruction’s (DPI) guidelines and submit the following items to UW-Whitewater for each term in which the student wishes to enroll:

• A completed UW System Special Student Online Application (complete as an ‘ECC’ student).
• A completed UW System ECCP Program Plan and Report Form 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 including ACT, SAT, and AP.
• Students must meet the stated prerequisites in order to enroll in the course(s) indicated on the UW System ECCP Program Plan and Report Form.

Placement Testing

Exceptions:
• International students should take the UW Math Placement test. They are not required to take English placement tests. If English is not their first language, they should enroll in ENGLISH 161 and ENGLISH 162 simultaneously a course which will fulfill their ENGLISH 101 and ENGLISH 102 requirement.
• Non-Traditional Age Students: Students 21 or older who do not have ACT/SAT scores or transfer courses should go to Schedule a Test to schedule a UW Placement test. There is a $30 fee for each test.
• Re-entry Students may have old test formats that need to be interpreted. They should contact the Math and English departments for correct placement or permission to take a UW Placement test. There is a $30 fee for each test.

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

For more information on individual tests, please contact the University of Wisconsin-Whitewater Testing Office at 262-472-5613 or see http://www.uww.edu/testing/

Credit By Examination and Advanced Standing

The University of Wisconsin - Whitewater 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 (262-472-5613) for information. Students may also visit http://www.uww.edu/testing/exams-for-credit, 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-Whitewater from another institution.

A student with a score of 3 or better on a College Advanced Placement (AP) Examination or a score of 4 or better on a Higher Level (HL) International Baccalaureate (IB) Examination will receive credit for a specific course offered at UW-Whitewater if the appropriate department has approved the examination. General elective credit will be granted for AP or IB courses even if they do not have direct relationship to specific courses offered at UW-Whitewater, provided that the above minimum score or better is earned. Additionally, general miscellaneous (MISC 999) credit will be awarded to students who complete the full IB diploma program with a minimum score or 28.

UW-Whitewater also recognizes certain tests offered by the College Board through College Level Examination Program (CLEP) and by Prometric through DSST. For detailed information, visit http://www.uww.edu/testing/exams-for-credit.

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 https://www.uww.edu/testing/placement-guide (https://www.uww.edu/testing/placement-guide/).

Residency Regulations - UGRD

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 the University of Wisconsin-Whitewater, may, along with their spouse and dependents, be exempt from the payment of nonresident fees, provided the person making the application demonstrates an intent to establish and maintain a permanent home in Wisconsin.

In addition, persons may become exempt from the non-resident tuition if they meet any of the following criteria:

• non-resident 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 have resided substantially 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, timely 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.

For additional information, see http://www.uww.edu/admissions/residency (http://www.uww.edu/admissions/residency).

**Minnesota - Wisconsin Reciprocity Agreement**

Subject to yearly approval by Minnesota and Wisconsin state governments, this agreement allows Minnesota residents to pay a reciprocity tuition rate* to attend a Wisconsin university. Arrangements to participate in this program may be made by filing an application with:

Minnesota Higher Education Services Office
1450 Energy Park Drive, Suite 350
St. Paul, MN 55108-5227
651-642-0567 or 1-800-657-3866

https://www.ohe.state.mn.us/

*Tuition for online courses are the same for Residents and Non-Residents.

**Advance Credit for Veterans**

The University of Wisconsin-Whitewater is approved by the State Approval Agency. Veterans may receive a minimum of four (4) elective units if they received an honorable discharge after six (6) months or more of service or if they were discharged into the National Guard or Reserves. The discharge certificate (DD214) can be submitted to the Admissions Office to obtain these units. Credit will 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. Students submitting the J-Force or Community College of the Air Force transcripts will be evaluated to receive additional elective or degree credits.

**Multicultural Recruiting**

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

Cultural events and student activities are available for all students 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.

**Reentry**

If you have not attended another college or university since leaving UW-Whitewater, and you left UW-Whitewater in good academic standing, or on probation, follow the steps below for applying to the university as a reentry student.

1. **Complete application for admission**: Complete the online application located at www.apply.wisconsin.edu (https://apply.wisconsin.edu/) (no application fee is required). Student should select “Applying as a Transfer.”

2. **Submit enrollment deposit and Intent to Enroll form**: Upon receiving your official admit letter, submit your $100 enrollment. This $100 fee is applied toward your future tuition fees and is refundable via written request through July 1 for the fall term and through December 1 for the spring term.

3. **Set an appointment for academic advising**: Reentry students who have been admitted to the University and who have paid the $100 enrollment deposit are eligible to meet with their academic advisor. Your academic advisor will be listed on your WINS account.

**Transfer/Reentry**

If you attended another college or university after leaving, in good academic standing or on probation, UW-Whitewater regards you as a transfer student in terms of your application for admission. Follow the below steps for applying to the university as a transfer student.

1. **Complete application for admission**: Complete the online application located at www.apply.wisconsin.edu (https://apply.wisconsin.edu/) (no application fee is required). Student should select “Applying as a Transfer.”

2. **Submit transcript for any college/university attended after attending UW-Whitewater**: Official transcripts must be submitted to UW-Whitewater from ALL colleges or universities previously attended.

3. **Set an appointment for academic advising**: Transfer/reentry students who have been admitted to the University and who have paid the $100 enrollment deposit are eligible to meet with their academic advisor. Your academic advisor will be listed on your WINS account.

**Reentry following academic dismissal**

If you left UW-Whitewater in academically dismissed standing, you may seek re-admittance. The following link will explain reentry in detail: http://www.uww.edu/academicstandards/reinstatement-process (http://www.uww.edu/academicstandards/reinstatement-process/).

**Academic Advising (Undergraduate)**

For the most up-to-date advising information, students should refer to the Academic Advising website at 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**

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
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.

University
UW-Whitewater 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 Information
The Academic Advisement Report (AAR) is the official advising instrument. The AAR includes 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 AAR on the University of Wisconsin-Whitewater WINS Student Administration System.

Although the AAR 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.

Academic Programs (Undergraduate)
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, U.S. Racial/Ethnic 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") University of Wisconsin-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.

Degrees
AA - Associate of Arts
AAS - Associate of Arts and Sciences
BA - Bachelor of Arts
Arts and Communication
Education (Early Child Care and Education only)
Letters and Sciences
BAAS - Bachelor of Applied Arts and Sciences
BBA - Bachelor of Business Administration
BFA - Bachelor of Fine Arts
BM - Bachelor of Music
BS - Bachelor of Science
Arts and Communication
Business and Economics (Occupational Safety only)
Education
Letters and Sciences
BSE - Bachelor or Science-Education

Pre-Professional
Chiropractic
Dentistry
Law
Medicine
Optometry
Pharmacy
Physical Therapy
Veterinary Medicine

College of Arts & Communication
Art BA
Art History
Graphic Design
Licensure
Art BFA
Graphic Design
Fine Art
Licensure
Art Education BSE
Communication
Corporate and Health Communication
Electronic Media
Public Relations
Individually Designed BA/BS
With a Minor
Without a Minor
Journalism BA/BS
Advertising
Broadcast/Web/Print
International
Media Arts and Game Development
Communication/Gaming
Media Art
Technology
Music BA
Music BM
Choral Education
General Education
Instrumental Education
Instrumental Performance
Keyboard Performance
Vocal Performance
Theory & Composition
Theatre BA
Theatre BFA
Design/Technology
Management/Promotion
Performance
Stage Management

College of Business & Economics
Accounting BBA
Business Analytics BBA
Economics BBA
Entrepreneurship BBA
Finance BBA
Financial Planning
Financial Planning Honors
Honors
Insurance
Insurance Honors
Real Estate
Real Estate Honors
General Business BBA
Safety and Risk Management
General Management BBA
Health Care Management
Managing Sports Programs
Nonprofit Management
Human Resource Management
Information Technology BBA
Business Analysis
Business Analytics
Information Technology
Network and Security
Integrated Science/Business BBA
Water Business
International Business BBA
Marketing BBA
Digital Marketing
Experiential and Sport Marketing
Innovation and Social Enterprise
Marketing
Professional Sales
Retail Management
Occupational and Environmental Safety and Health BS
Constructions Safety
Environmental Management
Occupational Ergonomics
Occupational Safety
Supply Chain and Operations Management
Supply Chain Management
Project Management

College of Education & Professional Studies
Business Education BSE
Business and Computer Science Comprehensive
Business Education
Business/Marketing Comprehensive
Marketing Education
Biology Education BSE
Cell/Physiology
Ecology and Field
Chemistry Education BSE
Communication Sciences & Disorders BSE
Early Child Care and Education BA/BS

Early Childhood Education BSE
Economics Education BSE
Elementary Education
Elementary/Middle
English Education BSE
French Education BSE
Geography Education BSE
German Education BSE
History Education BSE
History Education Honors
Human Performance BS
Mathematics Education BSE
Physical Education BSE
   Early Childhood through Adolescence (EC-A)
Physics Education BSE
Political Science Education BSE
Psychology Education BSE
Social Studies - Broadfield BSE
Economics - Option I
Economics - Option II
Geography
History
Political Science
Psychology - Option I
Sociology
Spanish Education BSE
Special Education BSE
   Cross Categorical with ID
   Cross Categorical with LD/EDB
Theatre Education BSE

College of Integrated Studies
Associate of Arts and Science AAS
Bachelor of Arts and Science BAAS

College of Letters & Sciences
Associate of Arts AA
Biology BA/BS
Cell/Physiology
Early Entrance / 3yr
Ecology, Evolution, and Behavior
Honors
Marine & Freshwater Ecology
Pre-Biomedical Professions
Chemistry BA/BS
Analytical/Instrumental
Biochemistry
Honors
Liberal Arts
Professional ACS Approved
Computer Science BA/BS
General
Comprehensive (BS only)
Criminology
Economics BA/BS
English BA/BS
Creative Writing
Literature
Professional Writing and Publishing
Environmental Science
Environmental Resource Management
Geosciences
Natural Science
Film Studies BA/BS
French BA/BS
Geography BA/BS
General
Geology
International/Regional
German BA/BS
History BA/BS
History
History Honors
Public History
Public History Honors
Individually Designed BA/BS
With a Minor
Without a Minor
Integrated Science/Business BS
Water Business
International Studies BA/BS
Business
Foreign Language and Area Studies
International Economics
Public Diplomacy
Japanese Studies BA
Liberal Studies BA/BS
With a Minor
With a Minor Honors
Without a Minor
Without a Minor Honors
Mathematics
Actuarial Science
Applied Mathematics
Pure Mathematics
Statistics
Physics BA/BS
Engineering and Industry
Graduate School
Political Science
Legal Studies
Political Science
Political Science Honors
Psychology BA/BS
Public Policy and Administrations BS
Social Work BA/BS
Sociology BA/BS
Global Comparative Studies
Sociology
Sociology Honors
Spanish BA/BS
Women's and Gender Studies BA/BS

Minors
Accounting
Adaptive Education
Actuarial Mathematics
Advertising
African American Studies
Allied Health Foundations
American Indian Studies
Anthropology
Art
Art History
Art Studio
Arts Management
Asian/Asian American Studies
Athletic Coaching Education
Bioinformatics
Biology
Biology Education
Broadcast/Print/Web
Business Analytics
Business Law
Business Law for Business Majors
Chemistry
Communication
Communication Education
Communication Sciences & Disorders
Computer Science
Corporate Communication
Creative Writing
Criminology
Cybersecurity
Dance
Dance Secondary Education
Data Science
Digital Marketing
Economics
Economics Education
Electronic Media
English Education
English Literature
Entrepreneurship
Environmental Management
Environmental Studies
Experiential and Sport Marketing
Family, Health, and Disabilities
Film Studies
Finance
French
French Education
Gender & Ethnic Studies
General Business
General Management
General Science - Elementary
Geography
Geography Education
Geology
German
German Education
GIS - Geographic Information Systems
Health Education
Health Promotion
History
History Education
Human Resource Management
Human and Social Services
Individually Designed (COAC) / (COLS)
Information Technology
Information Technology for Computer Science Majors
Innovation and Social Enterprise
Integrated Marketing Communication
Certificates
Accompanying
Adapted Physical Education
Applied Research
Bi/Multiracial Studies
Business Master’s Bridge
Computer Science Master’s Bridge
Corporate Social Responsibility
Digital Marketing
Digital Media and Learning
Disability Studies
Diversity Leadership
Event Planning
Experiential and Sports Marketing
Film Studies
Forensics Science
GIS - Geographic Information Systems
Global Engagement
Health Education
Innovation and Social Enterprises
Interdisciplinary Studies
Jazz
LGBTQ Studies
Lobbying
Music Business
Music History
Music Theory
Paralegal
Professional Selling
Professional Writing and Publishing
Public History
Retail Management
Sales Leadership Development
Sustainability Management
Website Development and Administration
Women’s and Gender Studies

Academic Standards (Undergraduate)

262-472-333
acadstand@uww.edu (acadstand@uww.edu)

Academic Standards
Roseman Building 2054
University of Wisconsin - Whitewater
800 West Main Street
Whitewater, WI 53190

http://www.uww.edu/ (http://www.uww.edu/academicstandards/) (http://www.uww.edu/academicstandards/)

The Academic Standards Office provides counseling and academic assistance to students, particularly those having difficulty meeting retention standards of the University of Wisconsin-Whitewater. 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.

UW-Whitewater at Rock County abides by all academic standards policies enforced at the UW-Whitewater (main campus).

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

A student placed on probation must earn a term GPA of 2.00 or higher in the subsequent semester of enrollment.

Final Probation
A student will be placed on final probation in the following situations:

• Any student who earns less than a 1.00 term GPA (a cumulative UWW GPA of 2.00 does not negate this rule).
• Any student who was on academic probation and earns a 2.00 semester GPA in the subsequent semester of enrollment, but fails to raise their cumulative GPA to a 2.00 or higher.

A student placed on final probation must earn a cumulative GPA of 2.00 or higher in the subsequent semester. A student on final probation will be limited to 15 units of enrollment in the following term.

Academically Dismissed
A student will be academically dismissed from UW-Whitewater (ineligible to continue attendance) in the following situations:

• If a student is on academic probation and a 2.00 term grade point average is not attained.
• If a student is on final probation and the required 2.00 cumulative grade point average is not attained.
• When a student is reinstated into UW-Whitewater and fails to meet the requirements of their reinstatement. (Note: Students whose academic standing is listed as Reinstate - Final Academic Probation must meet the Final Probation requirements.

Instructions for admission after dismissal can be found at: http://www.uww.edu/academicstandards (http://www.uww.edu/academicstandards/).

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 Hall 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... Complete and submit an 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 the Fall/Spring semester following the one in which he/she was last dismissed MUST... Complete and 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... Complete and submit an 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).

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.

Undergraduate Academic Forgiveness Policy
With an absence from formalized higher education for a minimum of five consecutive years prior to readmission to the University of Wisconsin-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-Whitewater 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. Additionally, the Committee will consider the student's academic program of study, the time and units needed to complete this program of study, and minimum GPA or other requirements needed for their program of study.

The Committee requires students to complete a minimum of 12 units in 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-Whitewater record will be used in the new calculation.

Course Information (Undergraduate)

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 units 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 U.S. Racial/Ethnic 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 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.

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.

**Degree and Graduation Information (Undergraduate)**

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

• The minimum number of credits required for graduation for the Associate's degree require at least 60 credits.
• The minimum number of credits required for graduation for the Bachelor's degrees require at least 120 credits, but many degree programs require 130 or more.

Consult individual program pages in this catalog for the specific degree requirements associated with each program or major.

**Adding Additional Major/Minors to an Undergraduate Degree**

Students may fulfill the requirements for an additional major or minor after receiving their degree from the 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.
5. After successful completion of major or minor, the major or minor department will notify the Registrar’s Office and a transcript note will be added to the student’s academic record.

**Policy Regarding Dual Degree/Concurrent Degrees**

Effective Fall 2007, students at UW-Whitewater may pursue two undergraduate bachelor degrees concurrently — provided that the degree programs reside in two different colleges (e.g., BA – Letters and Sciences and a BBA – Business and Economics). Students must complete all requirements for both programs, including degree, major and unique requirements; the major from either degree may be used in place of any minor required in the other degree (e.g., the business major from the BBA degree may replace the minor requirement in the BA – Letters and Sciences degree). If all the requirements are completed concurrently, both degrees will be conferred for the same term. (Note: students pursuing dual degrees are not exempt from the UW System surcharge for credits in excess of 165.) Students who wish to pursue programs leading to two degrees to be conferred in the same term should declare their intent with the Graduation Examiner in the Registrar’s Office no later than the term in which they will have earned 90 credits.

• The writing requirement fulfilled for one college is also fulfilled for the other — two not required.
• Degree requirements may share, meaning one course can fulfill degree requirements from two colleges.

**Second Degree**

Students who have received their first degree at the 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), U.S., Racial/Ethnic 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 or minors 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).

**Academic Advisement Report (AAR)**
The Academic Advisement Report is a complete match of an individual student's academic course history against a prescribed set of degree program requirements based upon the requirement term on the student’s record and the effective term of the requirements on the curriculum file.

The AAR project was implemented to meet the following objectives; (1) to provide students and faculty with accurate and current information about degree requirements, courses completed, and courses in progress; (2) to monitor courses applicability to degree requirements as an on-going process; (3) to have students legitimately assume primary responsibility for meeting the requirements of their degree; (4) to allow advisers to focus more of their time on student’s personal, educational, and professional goals, and (5) to reduce the manual, time consuming efforts in the academic departments, colleges, and the Registrar’s Office to clear graduation applications.”

It is the student's responsibility to confirm accuracy of their AAR with the assistance of their academic advisor and college.

**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 AAR 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 U.S. 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 Degree Requirements at a Glance**

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

- General Education, including:
  - Communication & Calculation Skills
  - University Requirements
- U.S. Racial/Ethnic 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)
  - 120 units
  - A UW-Whitewater 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-Whitewater and transfer GPA may be used to determine the minimum standard for some programs.

**Academic Program Degree Requirement Term**

Students are responsible for meeting all degree requirements in effect at UW-Whitewater at the time that they declare their current major, unless they interrupt their attendance at UW-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 UW-Whitewater, 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 UW-Whitewater Catalog is published every year, 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 Academic Advisement Reports (AARS) will reflect the later set of requirements, if the requirements have changed since initial entry into the University.

**Conventional Grading Basis**

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.

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.

**Minimum On-Campus Credits**

A minimum of 30 units of UW-Whitewater coursework 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.

Associate degree seeking students - 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.

One 3-unit U.S. Racial/Ethnic Diversity course dealing with the African American, Native American, Asian American or Latino/a American experience is required for graduation. In the course listing below, U.S. Racial/Ethnic Diversity courses are identified with that term after the course title. These courses may also be used to satisfy requirements in other areas, including General Education. If approved for General Education, a U.S. Racial/Ethnic Diversity course may be used for the general education electives requirements.

**African American Studies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>AFRIAMR 100</td>
<td>INTRODUCTION TO BLACK CULTURE</td>
<td>3</td>
</tr>
<tr>
<td>AFRIAMR 141</td>
<td>MODERN BLACK AMERICAN HISTORY</td>
<td>3</td>
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<tr>
<td>AFRIAMR 241</td>
<td>CIVIL RIGHTS HISTORY: TRAVELING FREEDOM’S MAIN LINE</td>
<td>3</td>
</tr>
<tr>
<td>AFRIAMR 261</td>
<td>AFRICAN-AMERICAN POLITICS</td>
<td>3</td>
</tr>
<tr>
<td>AFRIAMR 270</td>
<td>THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE</td>
<td>3</td>
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<td>AFRIAMR 321</td>
<td>A HISTORY OF BLACK MIGRATION IN THE U.S.</td>
<td>3</td>
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<tr>
<td>AFRIAMR 345</td>
<td>AFRICAN-AMERICAN LITERATURE, 1800 TO THE PRESENT</td>
<td>3</td>
</tr>
<tr>
<td>AFRIAMR 365</td>
<td>BLACK POLITICAL AND SOCIAL THOUGHT</td>
<td>3</td>
</tr>
<tr>
<td>AFRIAMR 397</td>
<td>CURRENT ISSUES IN BLACK STUDIES: HUMANITIES</td>
<td>3</td>
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### American Indian Studies

<table>
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<tr>
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<tbody>
<tr>
<td>AMERIND 102</td>
<td>INTRODUCTION TO AMERICAN INDIAN STUDIES</td>
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<tr>
<td>AMERIND 305</td>
<td>NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL</td>
<td>3</td>
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<tr>
<td>AMERIND 334</td>
<td>AMERICAN INDIAN LITERATURE</td>
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### Anthropology

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<tr>
<td>ANTHROPL 305</td>
<td>NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL</td>
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### Asian American Studies

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ASIANAM 308</td>
<td>HMONG AMERICANS: HISTORICAL AND CONTEMPORARY ISSUES</td>
<td>3</td>
</tr>
<tr>
<td>ASIANAM 335</td>
<td>ASIAN AMERICAN LITERATURE</td>
<td>3</td>
</tr>
<tr>
<td>ASIANAM 408</td>
<td>TOPICS IN ASIAN AMERICAN STUDIES</td>
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### Communication

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<tr>
<td>COMM 424</td>
<td>CROSS CULTURAL COMMUNICATION</td>
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### Curriculum & Instruction

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<tr>
<td>CIGENRL 350</td>
<td>INTRODUCTION TO ESL AND BILINGUAL-BICULTURAL EDUCATION</td>
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### Economics

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<td>ECON 352</td>
<td>ECONOMICS OF DISCRIMINATION</td>
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### Education Interdepartmental

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<td>RACE AND RACISM IN SCHOOLS</td>
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### Educational Foundations

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<tr>
<td>EDFOUND 243</td>
<td>FOUNDATIONS OF EDUCATION IN A PLURALISTIC SOCIETY</td>
<td>3</td>
</tr>
<tr>
<td>EDFOUND 341</td>
<td>PARADOXES AND PROMISES: CRITICAL ISSUES IN URBAN EDUCATION</td>
<td>3</td>
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### English

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<th>Code</th>
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<tbody>
<tr>
<td>ENGLISH 200</td>
<td>INTRODUCTION TO CHICANX LITERATURE</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 202</td>
<td>INTRODUCTION TO U.S. LATINX LITERATURE</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 265</td>
<td>MULTICULTURAL LITERATURE OF THE UNITED STATES</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 334</td>
<td>AMERICAN INDIAN LITERATURE</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 335</td>
<td>ASIAN AMERICAN LITERATURE</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 337</td>
<td>LATINX LITERATURE</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 345</td>
<td>AFRICAN-AMERICAN LITERATURE, 1800 TO PRESENT</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 368</td>
<td>AMERICAN MINORITY WOMEN WRITERS</td>
<td>3</td>
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<tr>
<td>ENGLISH 369</td>
<td>MULTICULTURAL DRAMA OF THE UNITED STATES</td>
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</tbody>
</table>

### Geography

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>GEOGRPY 232</td>
<td>GEOGRAPHY OF RACE AND ETHNICITY IN THE UNITED STATES</td>
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### History

<table>
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<tr>
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<tr>
<td>HISTORY 102</td>
<td>INTRODUCTION TO AMERICAN INDIAN STUDIES</td>
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</tr>
<tr>
<td>HISTORY 124</td>
<td>AMERICAN HISTORY TO 1877</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 125</td>
<td>AMERICAN HISTORY SINCE 1877</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 141</td>
<td>MODERN BLACK AMERICAN HISTORY</td>
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</tr>
<tr>
<td>HISTORY 150</td>
<td>ATLANTIC HISTORY</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 241</td>
<td>CIVIL RIGHTS HISTORY: TRAVELING FREEDOM’S MAIN LINE</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 308</td>
<td>HMONG AMERICANS: HISTORICAL AND CONTEMPORARY ISSUES</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 321</td>
<td>A HISTORY OF BLACK MIGRATION IN THE U.S.</td>
<td>3</td>
</tr>
<tr>
<td>HISTORY 323</td>
<td>RACE, ROCK &amp; ROLL AND AMERICAN HISTORY</td>
<td>3</td>
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### Latinx

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>LATINX 150</td>
<td>INTRODUCTION TO CHICANX STUDIES</td>
<td>3</td>
</tr>
<tr>
<td>LATINX 200</td>
<td>INTRODUCTION TO CHICANX LITERATURE</td>
<td>3</td>
</tr>
<tr>
<td>LATINX 202</td>
<td>INTRODUCTION TO U.S. LATINX LITERATURE</td>
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</tr>
<tr>
<td>LATINX 310</td>
<td>CHICANX HISTORY</td>
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<tr>
<td>LATINX 337</td>
<td>LATINX LITERATURE</td>
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</tr>
<tr>
<td>LATINX 407</td>
<td>LATINA/LATIN AMERICAN WOMEN’S WRITING, ACTIVISM &amp; CHANGE</td>
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### Music

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<tbody>
<tr>
<td>MUSC 143</td>
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<tr>
<td>MUSC 195</td>
<td>MUSIC AS A WORLD PHENOMENON</td>
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<tr>
<td>Code</td>
<td>Title</td>
<td>Units</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>MUSC 240</td>
<td>SURVEY OF AFRICAN AMERICAN MUSIC</td>
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<tr>
<td>MUSC 241</td>
<td>SURVEY OF LATIN AMERICAN MUSIC</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 344</td>
<td>HISTORY OF AMERICAN JAZZ</td>
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### Political Science

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<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>POLISCI 217</td>
<td>AMERICAN MINORITY POLITICS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 261</td>
<td>AFRICAN-AMERICANS IN U.S. POLITICS</td>
<td>3</td>
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<tr>
<td>POLISCI 280</td>
<td>POLITICS OF URBAN INEQUALITY IN THE U.S.</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 341</td>
<td>PARADOXES AND PROMISES: CRITICAL ISSUES IN URBAN EDUCATION</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 365</td>
<td>BLACK POLITICAL AND SOCIAL THOUGHT</td>
<td>3</td>
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</table>

### Race and Ethnic Culture

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>RACEETH 150</td>
<td>ATLANTIC HISTORY</td>
<td>3</td>
</tr>
<tr>
<td>RACEETH 201</td>
<td>INTRODUCTION TO RACE AND ETHNIC STUDIES</td>
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</tr>
<tr>
<td>RACEETH 217</td>
<td>AMERICAN MINORITY POLITICS</td>
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<td>RACEETH 265</td>
<td>MULTICULTURAL LITERATURE OF THE UNITED STATES</td>
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<td>RACEETH 280</td>
<td>POLITICS OF URBAN INEQUALITY IN THE U.S.</td>
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</tr>
<tr>
<td>RACEETH 285</td>
<td>ASIAN AMERICANS (DV) (GS)</td>
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</tr>
<tr>
<td>RACEETH 321</td>
<td>IMMIGRATION TODAY: INDIVIDUAL, COMMUNITY, AND GLOBAL PERSPECTIVES</td>
<td>3</td>
</tr>
<tr>
<td>RACEETH 344</td>
<td>RACE, ETHNICITY AND FILM</td>
<td>3</td>
</tr>
<tr>
<td>RACEETH 365</td>
<td>BLACK POLITICAL AND SOCIAL THOUGHT</td>
<td>3</td>
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<tr>
<td>RACEETH 368</td>
<td>AMERICAN MINORITY WOMEN WRITERS</td>
<td>3</td>
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<tr>
<td>RACEETH 380</td>
<td>RACE, ETHNICITY, AND SOCIAL JUSTICE FOR HELPING PROFESSIONS</td>
<td>3</td>
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<tr>
<td>RACEETH 394</td>
<td>MINORITY AND MULTIRACIAL FAMILIES</td>
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### Religious Studies

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<tr>
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<tbody>
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<td>RELIGST 242</td>
<td>NATIVE AMERICAN RELIGIONS</td>
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### Sociology

<table>
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<tr>
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<tbody>
<tr>
<td>SOCIOLGY 260</td>
<td>SOCIOLOGY OF HATE</td>
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<td>SOCIOLGY 265</td>
<td>RACE AND ETHNIC RELATIONS</td>
<td>3</td>
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<tr>
<td>SOCIOLGY 270</td>
<td>THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE</td>
<td>3</td>
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<tr>
<td>SOCIOLGY 285</td>
<td>ASIAN AMERICANS (DV) (GE)</td>
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<td>SOCIOLGY 344</td>
<td>RACE, ETHNICITY AND FILM</td>
<td>3</td>
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<tr>
<td>SOCIOLGY 391</td>
<td>RACE AND ETHNICITY IN COMPARATIVE PERSPECTIVE</td>
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<tr>
<td>SOCIOLGY 392</td>
<td>AFRICAN AMERICAN FAMILIES</td>
<td>3</td>
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<td>SOCIOLGY 394</td>
<td>MINORITY AND MULTIRACIAL FAMILIES</td>
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<tr>
<td>SOCIOLGY 426</td>
<td>MINORITIES &amp; THE CRIMINAL JUSTICE SYSTEM</td>
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### Social Work

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>SOCWORK 321</td>
<td>IMMIGRATION TODAY: INDIVIDUAL, COMMUNITY, AND GLOBAL PERSPECTIVES</td>
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<tr>
<td>SOCWORK 380</td>
<td>RACE, ETHNICITY, AND SOCIAL JUSTICE FOR HELPING PROFESSIONS</td>
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### Special Education

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<thead>
<tr>
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<tbody>
<tr>
<td>SPECED 201</td>
<td>DISABILITY, RACE, &amp; ETHNICITY IN SOCIETY</td>
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### Theatre

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<tr>
<td>THEATRE 369</td>
<td>MULTICULTURAL DRAMA OF THE UNITED STATES</td>
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### Women's Studies

<table>
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<tr>
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<tr>
<td>WOMENST 370</td>
<td>WOMEN: RACE AND ETHNICITY (DV) (GE)</td>
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<tr>
<td>WOMENST 407</td>
<td>LATINA/LATIN AMERICAN WOMEN'S WRITING, ACTIVISM &amp; CHANGE</td>
<td>3</td>
</tr>
<tr>
<td>WOMENST 481</td>
<td>GENDER, ETHNICITY, AND THE ENVIRONMENT</td>
<td>3</td>
</tr>
</tbody>
</table>

### 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 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 U.S. Racial/Ethnic 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, the student may not take MATH 141 for credit).

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

**Waiver of COMM 110**
The COMM 110 Speech Waiver is composed of two stages - first, completing an online course consisting of six modules, and second, delivering a persuasive speech to a panel of instructors. (Fee for the online course is $20, through the Department of Communication).

- Students must come to the Department of Communications main office to pay the course fee and then they will be enrolled in the online course. Students must complete the online course by the end of midterms or they will have "failed" the course.
- Students that fail the course will be required to enroll in Introduction to Human Communication (COMM 110).
- Students that complete the online course will then schedule an appointment to deliver the speech. Once the persuasive speech has been delivered, students will be notified immediately whether or not they will be granted the waiver. Students may only attempt the waiver ONCE.
- Students that do not receive the waiver will be required to enroll in Introduction to Human Communication (COMM 110).

Complete instructions for the waiver can be found on the department website at http://www.uww.edu/Documents/colleges/cac/comm/SpeechWaiverInstructions.pdf.

**English and Mathematics Course Placement**
All students are required to take an ACT or SAT I test. At the University of Wisconsin-Whitewater, Math placement is based on the UW Math Placement Test, while English placement is based on ACT/SAT I subscores as follows:

### Mathematics

**UW Math Placement Test Placement**

<table>
<thead>
<tr>
<th>MFUND</th>
<th>AALG</th>
<th>TAG</th>
<th>COURSE PLACEMENT</th>
<th>MILESTONE</th>
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<tbody>
<tr>
<td>150-425</td>
<td>150-850</td>
<td>150-850</td>
<td>MATH 41</td>
<td>Level E</td>
</tr>
<tr>
<td>426-465</td>
<td>150-850</td>
<td>150-850</td>
<td>MATH 139, MATH 140 (if not needing MATH 141), or MATH 141 + 049 (MATH 141 Moving Up)</td>
<td>Level D</td>
</tr>
<tr>
<td>466-850</td>
<td>150-515</td>
<td>150-850</td>
<td>MATH 139, MATH 140 or MATH 141</td>
<td>Level C</td>
</tr>
</tbody>
</table>

**English Placement**

<table>
<thead>
<tr>
<th>ACT (English subsection)</th>
<th>SAT (Evidence-Based Reading/Writing)</th>
<th>English Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>24+ and eligible for Honors</td>
<td>550+ and eligible for Honors</td>
<td>ENGLISH 105</td>
</tr>
<tr>
<td>30+</td>
<td>671+</td>
<td>ENGLISH 102</td>
</tr>
<tr>
<td>17-29</td>
<td>421-670</td>
<td>ENGLISH 101</td>
</tr>
<tr>
<td>15-16</td>
<td>391-420</td>
<td>ENGLISH 100</td>
</tr>
<tr>
<td>1-14</td>
<td>200-390</td>
<td>ENGLISH 90</td>
</tr>
</tbody>
</table>

International students should contact the English Department for placement. They may be recommended to take ENGLISH 161 and ENGLISH 162 to replace ENGLISH 101 and ENGLISH 102.

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

Students who are waived from MATH 141, ENGLISH 101, and/or COMM 110 have satisfied that General Education proficiency requirement.

**Graduation Requirements**
Students are held responsible for keeping an accurate record of their progress toward graduation. The Academic Advisement Report (AAR) is available to students online through their WINS account.

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

Students may elect to satisfy any newer set of requirements by contacting the advising location of their major. Permission of their dean is required if, due to extenuating circumstances, students wish to satisfy a set of requirements earlier than the academic year indicated on the AAR.

Students who have not completed their degree requirements within eight years may be held to satisfy newer requirements deemed appropriate by the dean of the college in which they are enrolled.
**Application of Graduation**

Students must complete the online application for graduation found within their Student Center in WINS 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. To avoid graduation problems, the Academic Advisement Report (AAR) 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 Registrar's Office at 262-472-1570.

Students have 30 days from the end of the semester in which they have applied to 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 In-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 whether or not they participate in the ceremony. The diploma cost is part of the graduation fee. A request for a duplicate copy of the diploma will be processed for an additional fee, if an exact replica can be obtained from the diploma vendor. Any questions should be directed to the Registrar’s Office at 262-472-1570.

**Attendance at Commencement Ceremony**

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. Effective spring 2017, August graduates will have the option to participate in either the May or December commencement ceremony. Please note, August graduates who earn and wish to walk with University Honors (http://uww-public.coursedepot.com/undergraduate/general-information/degree-and-graduation-information/graduation/) must participate in the December ceremony.

**Graduation Honors**

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

<table>
<thead>
<tr>
<th>Honor</th>
<th>GPA Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summa Cum Laude</td>
<td>3.850 and above</td>
</tr>
<tr>
<td>Magna Cum Laude</td>
<td>3.600 to 3.849</td>
</tr>
<tr>
<td>Cum Laude</td>
<td>3.400 to 3.599</td>
</tr>
</tbody>
</table>

For honors to be acknowledged in the commencement program, students must attain the minimum required UW-Whitewater 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-Whitewater with a UW-Whitewater 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-Whitewater, but having earned the first degree at UW-Whitewater. 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-Whitewater degrees combined meet the graduation honors requirement.

**General Education (Undergraduate)**

https://www.uww.edu/gened (https://www.uww.edu/gened/)

**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 develop:

1. Breadth of knowledge of human cultures and the natural world
2. Critical and creative thinking
3. Effective communication skills
4. Information literacy
5. Quantitative reasoning
6. Personal and civic responsibility
7. Foundations for life-long learning

More information about the specific learning outcomes associated with each of these goals is available on the General Education webpage.

Students are required to complete the General Education Requirements as part of the requirements for graduation. 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 elective 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 units.

Students who transfer in 21 or more units should consult Credit in Transfer, in the Admission Information section of this Catalog, to determine what General Education Requirements they must fulfill.

UW-Whitewater offers more than 250 general education elective courses. With so many options available, sometimes the choices are hard to make. To guide your decisions, the general education elective course are divided into nine categories. Begin your explorations below to find out more about the types of courses in each category.

Creative Arts (GA)

Courses in this area focus on artistic concepts, structures, and forms providing immersion in and exposure to visual, performing, and creative arts. Some classes emphasize the history and appreciation of the arts while others provide the opportunity to create or perform artistic works. Students will develop critical, creative, and interpretive skills as well as an understanding of the relationship between art, creativity, and the broader social and cultural context.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
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<td>ARTHIST 111</td>
<td>ART APPRECIATION</td>
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<tr>
<td>ARTHIST 201</td>
<td>SURVEY OF ART - ANCIENT TO 1400CE</td>
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<tr>
<td>ARTHIST 202</td>
<td>SURVEY OF ART - 1400 TO 1900CE</td>
<td>3</td>
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<tr>
<td>ARTHIST 203</td>
<td>INTRODUCTION TO MODERN AND CONTEMPORARY ART</td>
<td>3</td>
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<tr>
<td>ARTHIST 311</td>
<td>GREEK AND ROMAN ART</td>
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Engaging Differences (GE)

Courses in this area focus on individuals and communities within the United States whose identities and experiences are shaped by discrepancies in power, privilege and access. Drawing from a variety of disciplines, these classes address factors that many include gender, sexuality, race, ethnicity, socioeconomic class, ability, immigration status, and others. Students will enhance their intercultural knowledge and skills, and in particular learn to articulate and respect the perspectives that arise from these differing experience while critically examining
their own values, perspectives and biases. Courses may also provide opportunities to put this learning into practice through experiences with diverse individuals or groups.

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Global & International Perspectives (GG)

Courses in this area provide the opportunity to explore world cultures or global systems through the study of a world language, history and culture of another country, or issues and concepts that are relevant across social and political boundaries. Drawing from different disciplinary perspectives, these courses emphasize awareness of commonalities of the human experience as well as the factors and experiences that differentiate cultures and countries. Students will develop skills and knowledge that will help them meet the challenges of a diverse and ever-changing world as an informed and responsible citizen.

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<td>FRENCH 321</td>
<td>ADVANCED FRENCH LANGUAGE STUDY I</td>
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</table>
Expression from historical, philosophical, religious, literary, and/or linguistic perspectives. These courses usually focus on the traditions, beliefs, texts, and artifacts that make up a culture, and place emphasis on critical analysis and interpretation of primary sources. Students will enhance their critical and creative thinking and communication skills, and grapple with complexity and diverse perspectives.

**Humanities (GH)**

Courses in this area examine the diversity of human experience and expression from historical, philosophical, religious, literary, and/or
### Natural Sciences - Non-Laboratory (GN)

Courses in this area will explore the phenomena of the natural world in the context of everyday life and contemporary problems. Through a variety of disciplines, these courses will encourage curiosity and appreciation of scientific discovery and inquiry through the examination of scientific processes. Students will develop their ability to read and comprehend scientific information and use that information to make judgments and draw appropriate conclusions about its influence on the world around them.

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### Natural Sciences - Laboratory (GL)

Courses in this area will explore the phenomena of the natural world in the context of everyday life and contemporary problems. Through a variety of disciplines, these courses will encourage curiosity and appreciation of scientific discovery and inquiry through the examination of scientific processes. Students will develop their ability to read and comprehend scientific information and use that information to make judgments and draw appropriate conclusions about its influence on the world around them.

Additionally, GL courses will include hands-on scientific experimentation in which the students will perform scientific processes to collect and/or analyze data to answer scientific questions. Students will understand the process of obtaining and evaluating scientific knowledge and how it impacts society and technological growth.

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BIOLOGY 250  ECO & GEOLOGY OF YELLOWSTONE NATL. PARK & UPPER GREAT PLAINS  4
CHEM 100  EVERYDAY CHEMISTRY  4
CHEM 102  GENERAL CHEMISTRY I  5
CHEM 104  GENERAL CHEMISTRY II  5
GEOGRPY 120  INTRODUCTION TO METEOROLOGY  4
GEOGRPY 210  PHYSICAL GEOGRAPHY  5
GEOLOGY 100  PRINCIPLES OF GEOLOGY  5
GEOLOGY 101  ELEMENTS OF GEOLOGY  4
GEOLOGY 250  ECOLOGY & GEOLOGY OF YELLOWSTONE NATL. PARK & UPPER GRT PLAINS  4

Chemistry (CHEM)
CHEM 100  EVERYDAY CHEMISTRY  4
CHEM 102  GENERAL CHEMISTRY I  5
CHEM 104  GENERAL CHEMISTRY II  5
CHEM 106  GENERAL CHEMISTRY III  3
CHEM 108  GENERAL CHEMISTRY IV  3
CHEM 110  CHEMISTRY FOR SCIENTISTS AND ENGINEERS I  5
CHEM 112  CHEMISTRY FOR SCIENTISTS AND ENGINEERS II  5
CHEM 114  CHEMISTRY FOR SCIENTISTS AND ENGINEERS III  5

Quantitative Reasoning (GQ)
Courses in this area will enhance students' quantitative reasoning skills, including their capacity to explain, interpret, evaluate, and communicate quantitative information. Students will learn to use models or algorithms to solve problems, and will apply quantitative concepts to real-world situations. These skills may be drawn from mathematics and computational strategies, but may extend to logic, statistics, and inductive or deductive reasoning.

Code  Title  Units
COMPSCI 162  COMPUTER APPLICATIONS  3
COMPSCI 170  INTRODUCTION TO PYTHON PROGRAMMING  3
COMPSCI 171  INTRODUCTION TO JAVA  3
COMPSCI 172  INTRODUCTION TO PYTHON  3
COMPSCI 174  INTRODUCTION TO C++  5
COMPSCI 180  DATA SCIENCE FOR EVERYONE  3
COMPSCI 181  INTRODUCTION TO DATABASE AND THE WEB  3
GEOGRPY 120  GIS I: MAPPING OUR WORLD  3
MATH 143  FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCE  3
MATH 145  MATHEMATICS IN EARLY CHILDHOOD LEARNING  4
MATH 148  MATHEMATICS FOR THE ELEMENTARY TEACHER I  3
MATH 152  PRECALCULUS  5
MATH 230  INTRODUCTION TO STATISTICAL REASONING AND ANALYSIS  3
MATH 243  CALCULUS FOR BUSINESS AND SOCIAL SCIENCES  3
MATH 250  APPLIED CALCULUS SURVEY FOR BUSINESS AND SOCIAL SCIENCES  5

Social & Behavior Sciences (GS)
Courses in this area focus on the scientific study of human behavior, culture, and society. They may examine individual behavior, interpersonal interactions, or interactions between people and the broader social, political, economic, or natural environment. Students will develop the ability to think critically about these issues, and apply appropriate theories and quantitative and qualitative methods to analyze and evaluate social problems.

Code  Title  Units
ANTHROPL 218  CULTURAL ANTHROPOLOGY  3
ANTHROPL 220  TOMBS, TEMPLES & BURIED TREASURE: INTRODUCTION TO ARCHAEOLOGY  3
ANTHROPL 320  UNDERSTANDING HERITAGE: FROM LANDMARKS TO THEME PARKS  3
ANTHROPL 334  GENDER AND SEXUALITY IN CROSS CULTURAL PERSPECTIVE  3
COMDIS 270  INTRODUCTION TO HUMAN COMMUNICATION AND DISORDERS  3
COMM 131  INTRODUCTION TO MASS COMMUNICATION  3
COMM 228  INTERPERSONAL COMMUNICATION  3
COMM 322  LISTENING BEHAVIOR  3
ECON 201  PRINCIPLES OF MICROECONOMICS  3
ECON 202  PRINCIPLES OF MACROECONOMICS  3
ECON 213  ECONOMICS FOR TEACHERS  3
EDFOUND 230  INTRODUCTION TO HUMAN DEVELOPMENT  3
GENED 130  GENDER AND GENDER  3
GENED 140  GENDER AND GEOGRAPHY  3
GEOGRPY 245  GEOGRAPHY OF WISCONSIN  3
GEOGRPY 250  LANDSCAPES OF NORTH AMERICA: PEOPLE AND ENVIRONMENT  3
GEOGRPY 251  AMERICAN GOVERNMENT AND POLITICS  3
GEOGRPY 252  LAW AND SOCIETY  3
GEOGRPY 253  ISSUES AND CRISES IN AMERICAN POLITICS  3
GEOGRPY 254  INTRODUCTION TO COMPARATIVE POLITICS  3
GEOGRPY 255  POLITICS OF TERRORISM AND COUNTERTERRORISM  3
GEOGRPY 261  POLITICS OF TERRORISM AND COUNTERTERRORISM  3
GEOGRPY 270  PSYCHOLOGY OF WOMEN  3
GEOGRPY 281  INTRODUCTORY PSYCHOLOGY  3
GEOGRPY 282  SOCIOLOGY OF RELIGION  3
GEOGRPY 283  PRINCIPLES OF SOCIOLOGY  3
GEOGRPY 284  SOCIAL PROBLEMS  3
GEOGRPY 285  INTRODUCTION TO FAMILY STUDIES  3
GEOGRPY 286  INTRODUCTION TO CRIMINOLOGY  3
GEOGRPY 287  SOCIOLOGY OF RELIGION  3
GEOGRPY 288  INTRODUCTION TO SOCIAL WELFARE  3
GEOGRPY 289  GENDER AND GEOGRAPHY  3
Wellness & Lifelong Learning (GW)

Courses in this area will explore knowledge and behaviors that are essential to enjoying a healthy and fulfilling lifestyle. Courses may emphasize a range of topics including, health, physical fitness, learning and time management, and personal and career development. Students will develop lifelong learning skills such as self-monitoring, reflection, educated decision-making, and implementing strategies for personal change.

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Fine Arts and Humanities

Students must acquire knowledge of ideas, beliefs, and abiding concerns pertaining to the human condition as represented in literature, philosophy and cultural history. They must acquire a level of aesthetic appreciation of the human imagination as expressed in the fine arts, and appreciation of the impact of the arts upon the quality and character of human life.

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**Mathematical and Natural Sciences**

Students must know of the nature and workings of the physical universe. They must understand the scientific method, the functions of numerical data and the solving of problems through mathematical and statistical computations, as well as the application of the scientific method in laboratory and experimental work. For this, an appropriate level of computer literacy is required. Students must also be aware of environmental conditions and challenges, the interrelationships of life forms and ecosystems, and the impact of human activities upon natural environments.
### General Education (Undergraduate)

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### Social Sciences

Students must understand the nature and dynamics of human social systems and how and why people organize their lives and resources. In doing so, students will learn about both their own and diverse cultures to acquire a historical perspective on long-term characteristics and consequences of social change and an informed understanding of the variety of human conditions and the interrelationships of nations, regions, peoples and individuals.

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### Application and Performance

Students must demonstrate an understanding of concepts, theory and knowledge through the application of their skills and understanding to specific problems and activities.
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<td>MUS 107</td>
<td>VOCAL TECHNIQUES</td>
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<td>WOODWINDS TECHNIQUES</td>
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<td>MUS 130</td>
<td>BRASS TECHNIQUES</td>
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<td>STRING TECHNIQUES</td>
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<td>INDIVIDUALS AND INSTITUTIONS: CONCEPTS/EXPERIENCE</td>
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<td>SOC 294</td>
<td>PRACTICE IN APPLIED SOCIOLOGY</td>
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**Ethnic Studies**

Students must become aware of and sensitive to diversity issues and problems. Courses fulfilling this requirement will have a substantial emphasis on cultural diversity within the United States and examine these issues from at least one of the following perspectives: African American, Hispanic/Latino, Asian American, and American Indian topics.

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<td>THE AMERICAN INDIAN IN LITERATURE AND FILM</td>
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<td>INDIANS OF NORTH AMERICA</td>
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<td>ANT 348</td>
<td>CULTURE, COMMERCE, AND COMMUNITY: THE ANTHROPOLOGY OF ECONOMIES</td>
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<td>ANT 350</td>
<td>ILLNESS AND HEALING IN ANTHROPOLOGICAL PERSPECTIVE</td>
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<td>ANT 353</td>
<td>INDIANS OF THE WESTERN GREAT LAKES</td>
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<td>WORLDS OF ART IMAGES/OBJECTS/IDEAS</td>
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<td>GSW 203</td>
<td>WOMEN IN POPULAR CULTURE</td>
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<td>GSW 204</td>
<td>INTRODUCTION TO MASCULINITIES</td>
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<td>WOMEN'S HEALTH AND SEXUALITY IN SOCIETY</td>
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<td>GSW 218</td>
<td>WOMEN AND SPORT</td>
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<td>GSW 247</td>
<td>LATIN AMERICAN AND LATINA WOMEN(ES)</td>
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instructors from two or more disciplines teach the course. Across the curriculum. A course is an interdisciplinary studies course if two or more disciplines. Students will learn to integrate knowledge from any given subject by applying the content, methods and assumptions of. Students must acquire an appreciation for the multiple dimensions of Interdisciplinary Studies.

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**Special Academic Opportunities**

**Learning Communities**

The First Year Experience office is responsible for summer orientation and registration programs, fall orientation programs, mentor programs, new student seminar, family programs, and learning communities. Learning Communities (LCs) are groups of first year students who have the opportunity to explore a field of study and/or interest integrated across multiple courses. This program includes enrollment in 2-3 linked courses, a residential housing experience, connection to a faculty or staff member, and peer to peer mentorship. Commuter students are also encouraged to participate in Learning Communities. The list of opportunities changes annually, visit the First Year Experience website to see all of the options: http://www.uww.edu/fye. (http://www.uww.edu/fye/)

**Undergraduate Research**

The mission of the Undergraduate Research Program is to support inquiry-driven research scholarship and creative activity. The program is an advocate for expanded experiential learning that enhances engagement in undergraduate research, scholarship and creative activity, including faculty-mentored research and curriculum-based projects. Our program goal is to create first-rate opportunities for inclusive participation.

The Undergraduate Research Program offers students the chance to excel in scholarly and creative enterprises outside of the classroom. Student researchers advance their research skills by working 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. The University of Wisconsin-Whitewater undergraduate research initiatives are well-recognized across the nation. For additional information, see http://www.uww.edu/urp (http://www.uww.edu/urp/).

**University Honors Program**

The University Honors Program is based on the conviction that students should be given the opportunity to develop their academic talents and interests to the fullest extent possible. Honors students are 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 engagement in individualized honors-contract projects, 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 University Honors Program are afforded opportunities to participate in an Honors Learning Community, study abroad programs, undergraduate research, and a variety of co-curricular activities that will augment their formal educational experience. Participation in special Honors courses, undergraduate research, the Upper Midwest Honors Council, educational field trips, 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 priority registration to accommodate the potential scheduling complications arising from the coursework requirements of the program.

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 higher and complete honors courses and/or honors option work.

Students will be recognized as University Honors Program Scholars upon their completion of 21 Honors credits. Honors sections are offered in all General Education courses, and additional Honors sections are offered in several upper-division courses with high enrollments.

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.

More information and application forms may be obtained from the University Honors Program Center at Andersen Library or at uww.edu/honors/ (http://uww.edu/honors/).
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, graphic design, art history), art education, journalism (advertising, broadcast/print/web journalism, and international journalism), media arts and game development, music (performance, theory-composition, music), music education, communication (public relations, electronic media, corporate and health communication), and theatre (performance, design/technology, stage management, and management/promotion), 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 include: advertising, art, art history, art studio, arts management, dance, journalism, media arts and game development, music, public relations, communication, communication elementary and communication secondary education, theatre, and theatre education. Music students may complete the following certificates: accompanying, jazz, music theory, and music history.

Students are encouraged to work closely with their advisor 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 Department of Art and Design is accredited by the National Association of Schools of Art and Design (NASAD), the Music Department is accredited by National Association of Schools of Music (NASM) and the Theatre/Dance Department is accredited by the National Association of Schools of Theatre (NAST).

**Department Chairs**

Art and Design
Lauren Smith, Interim

Communication (Journalism and Communication)
Kathy Brady

Music
Michael Dugan

Theatre and Dance
Marshall Anderson

**Bachelor of Arts/Bachelor of Science**

- Communication - Public Relations Emphasis (BA/BS) (p. 64)
- Communication - Electronic Media Emphasis (BA/BS) (p. 64)
- Communication - Corporate and Health Communication Emphasis (BA/BS) (p. 64)
- Journalism - Broadcast/Web Emphasis (BA/BS) (p. 64)
- Journalism - International Emphasis (BA/BS) (p. 64)
- Journalism - Advertising Emphasis (BA/BS) (p. 64)
- Media Arts and Game Development - Communication/Gaming Emphasis (BA/BS) (p. 68)
- Media Arts and Game Development - Technology Emphasis (BA/BS) (p. 68)
• Media Arts and Game Development - Media Art Emphasis (BA/BS) (p. 68)
• Individually Designed Major (BA/BS) (p. 68)

Bachelor of Arts
• Art (BA) (p. 62)
• Art - Graphic Design Emphasis (BA) (p. 63)
• Art - History Emphasis (BA) (p. 62)
• Art - Licensure Emphasis (BA) (p. 63)
• Music (BA) (p. 66)
• Theatre (BA) (p. 67)

Bachelor of Fine Arts
• Art - Fine Arts Emphasis (BFA) (p. 63)
• Art - Fine Arts Graphic Design Emphasis (BFA) (p. 63)
• Art - Fine Arts Licensure Emphasis (BFA) (p. 63)
• Theatre - Design/Technology Emphasis (BFA) (p. 67)
• Theatre - Management/Promotion Emphasis (BFA) (p. 67)
• Theatre - Performance Emphasis (BFA) (p. 67)
• Theatre - Stage Management Emphasis (BFA) (p. 67)

Bachelor of Science in Education
• Art Education (BSE) (p. 63)
• Theatre Education (BSE) (p. 67)

Minors
• Advertising (p. 64)
• Art (p. 63)
• Art History (p. 63)
• Art Studio (p. 63)
• Arts Management (p. 68)
• Broadcast/Print/Web (p. 64)
• Communication - General (p. 64)
• Communication - Corporate (p. 64)
• Communication - Electronic Media (p. 64)
• Communication - Elementary Education (p. 64)
• Communication - Public Relations (p. 64)
• Communication - Secondary Education (p. 64)
• Dance (p. 67)
• Dance - Secondary Education (p. 67)
• Individualized Minor (p. 68)
• Media Arts and Game Development - Communication/Gaming (p. 68)
• Media Arts and Game Development - Technology (p. 68)

• Media Arts and Game Development - Visual Media Design (p. 68)
• Music (p. 66)
• Theatre (p. 67)
• Theatre Education (p. 67)

Certificates
• Accompanying (p. 66)
• Jazz (p. 66)
• Music History (p. 66)
• Music Theory (p. 66)

Modules
• Andean Studies (p. 68)
• Audio Studies (p. 68)

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 (SAA) is recognized by the University of Wisconsin-Whitewater as an official non-academic organization open to all university students interested in the visual arts. It aims to expose students to the world of visual arts through student-run events and art opportunities.

AIGA, the UW-Whitewater student chapter of the American Institute of Graphic Arts, aims to provide students with professional experiences, opportunities and education in Graphic Design. Preparing members to enter the design world when they graduate from college is a primary goal

The Ceramics Club and ALLOY (metals and jewelry), and the UW-Whitewater 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) links you to the world’s top society for students of public relations. As a member, you may get involved in the society’s national programs, gain exposure to professional development, leadership development, and educational and networking opportunities.

The Royal Purple, an independent student newspaper, offers student journalists opportunities in writing, editing, sales, photography, layout, and management.

The UW Whitewater chapter of the American Advertising Federation (AAF) is a student led organization that includes members from across all disciplines and career levels in advertising. Student members experience hands-on projects, guest speakers, agency tours and more — all with an eye toward helping them stay current and build meaningful career connections in the ever-changing, amazing Advertising industry.

The UW-Whitewater Forensics Team is a student organization that speaks competitively. They compete in 11 different individual events when they travel to tournaments across the Midwest. Benefits of being
on the Forensics Team include: fun, increased confidence, enhanced public speaking skills.

UWTV (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.

**Media Arts and Game Development**

The GAMED organization is open to all UW-Whitewater students and focuses on creating all aspects (art, programming, story, audio, production, etc.) of original games.

GameZombie is a student run web journalism venue to analyze and review video games, create original game-related content, and interview and work with current game-makers.

**Music**

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

The student chapter the National Association of Teachers of Singing (NATS) 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 as well as 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-Whitewater 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 music.

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. (The sixth mainstage production is the annual dance concert). All University students are eligible for participation in acting, makeup, costuming, lighting, sound, stagecraft, and theatre management and may receive class credit for this participation. 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 try out 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, as part of our six show production season.

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.

UW-Whitewater 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 Kappa Phi: A community of scholars and professionals creating a global network comprised of the best and brightest from all academic disciplines by recognizing and promoting academic excellence in all fields of higher education and engaging the community of scholars in service to others.

Phi Theta Psi: A professional fine arts society.

Pi Kappa Delta: 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 theatre fraternity was installed at UW-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 both on the campus and within the community.

**AC Interdepartmental Courses**

**ACINDP 166**  **INTRODUCTION TO CREATIVE ENTERPRISE**  **3 Units**
Students will be introduced to successful creative entrepreneurship and the definition of creative enterprise in its many forms. They will consider what success means to them and practice visioning, goal setting and planning. Students will learn key entrepreneurial concepts through lectures, experiential learning and interaction with successful arts/creative entrepreneurs.

CROSS-LISTED: ACINDP/THEATRE 166

**ACINDP 200**  **ARTS MANAGEMENT PRACTICUM**  **Repeatable 1-2 Units**
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 291**  **TRAVEL STUDY**  **Repeatable 1-3 Units**
Variable topics. Faculty-led courses abroad.

**ACINDP 293**  **APPLIED COMMUNICATION BASICS**  **Repeatable 3-12 Units**
Students will acquire skills relating personal values to customer service, problem-solving, teamwork, time management, independence, cultural sensitivity, and career planning. Disney offers students a "learning laboratory where they can live, learn and earn" while taking courses and completing assignments related to their work experience. Course is repeatable twice up to a total of 12 credits.

PREREQ: ACCEPTANCE INTO THE DISNEY COLLEGE PROGRAM (DCP), AND EITHER (1) COMPLETION OF 15-UNITS AND A GPA OF 2.0 OR (2) CONSENT OF INSTRUCTOR

**ACINDP 301**  **PRACTICUM - DEVELOPMENT**  **Repeatable 1-2 Units**
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

CROSS-LISTED: THEATRE 310 AND ACINDP 310

**ACINDP 363**  **APPLIED STUDIES IN ARTS MARKETING**  **2 Units**
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: MARKETING 311

CROSS-LISTED: THEATRE 363 AND ACINDP 363

**ACINDP 364**  **ISSUES IN ARTS MANAGEMENT**  **2 Units**
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

CROSS-LISTED: THEATRE 364 AND ACINDP 364

**ACINDP 365**  **NON-PROFIT ARTS MANAGEMENT**  **3 Units**
Foundational course of the Arts Management Program. A study of the duties and required skills of managers of non-profit arts organizations. Areas of study include an overview of structure of arts organizations, planning, programming, staffing, budgeting, and marketing, fundraising, board development, and volunteer management. Offered fall and spring.

CROSS-LISTED: THEATRE 365 AND ACINDP 365

**ACINDP 366**  **PERFORMING ARTS OPERATIONS AND MANAGEMENT**  **3 Units**
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, patron management systems, and legal procedures. Offered each spring.

PREREQ: THEATRE 100 OR THEATRE 110, AND THEATRE/ACINDP 365 OR CONSENT OF INSTRUCTOR

CROSS-LISTED: THEATRE 366 AND ACINDP 366
ARTSTDIO 121 BASIC ART 3 Units
An introductory studio course for non-art majors and minors covering the basic elements, principles and concepts of visual organization. Emphasis is placed on the development of problem solving skills and ideation.

ARTSTDIO 102 2-DIMENSIONAL DESIGN 3 Units
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 color theory and design technique.

ARTSTDIO 103 3-DIMENSIONAL DESIGN 3 Units
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.

ARTSTDIO 121 BASIC ART 3 Units
An introductory studio course for non-art majors and minors covering the basic elements and principles of major visual arts.

ARTSTDIO 180 INTRODUCTION TO ADVERTISING DESIGN 3 Units
An introductory course for non-art majors covering the principles, materials, procedures and applications of advertising design. A student may not register for ARTSTDIO 180 if previously or currently enrolled in any ARTSTDIO 300-level course or above, unless departmental approval is obtained.

PREREQ: RESTRICTED TO NON-ART MAJORS

ARTSTDIO 201 DRAWING I 3 Units
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.

ARTSTDIO 202 DRAWING II 3 Units
This course develops concepts & skills introduced in Drawing I. Color, alternative materials & variable formats will be explored in problem-solving format. Emphasis placed on strengthening content & design relationships. 2-D design experience recommended.

PREREQ: ARTSTDIO 201

ARTSTDIO 213 INTRODUCTION TO DIGITAL PHOTOGRAPHY 3 Units
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.

ARTSTDIO 214 PHOTOGRAPHY II 3 Units
This course provides a comprehensive introduction to photography with an emphasis on studio lighting and manipulating the basic elements of photography. A studio space is provided to facilitate learning and experimentation.

PREREQ: ARTSTDIO 213

ARTSTDIO 271 METAL AND JEWELRY I 3 Units
This course is 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.

PREREQ: ARTSTDIO 202

ARTSTDIO 281 PHOTOGRAPHY: EXPRESSION AND MEDIA 3 Units
This course has been 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.

ARTSTDIO 282 PHOTOGRAPHY: EXPERIMENTATION III 3 Units
This course is designed to give the student the 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.

PREREQ: ARTSTDIO 202

ARTSTDIO 302 DRAWING II: THE FIGURE 3 Units
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: ARTSTDIO 202

ARTSTDIO 311 PHOTOGRAPHY: EXPRESSION AND EXPERIMENTATION 3 Units
Lectures, demonstrations, and darkroom work sessions constitute a basic introduction to photographic tools, techniques, and expression. Media: black and white prints.

ARTSTDIO 313 INTERMEDIATE DIGITAL PHOTOGRAPHY 3 Units
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: ARTSTDIO 213 AND MAGD 220 OR ARTSTDIO 287
ARTSTDIO 321 PAINTING I  3 Units
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: ARTSTDIO 102 AND ARTSTDIO 201 OR ARTSTDIO 202 OR
CONSENT OF INSTRUCTOR

ARTSTDIO 324 WATERCOLOR  3 Units
A studio course where exercises and experimentation with transparent
watercolor pigments and techniques will be combined with art principles
form aesthetic creations in watercolor.
PREREQ: 6 CREDITS FROM ARTSTDIO 102, ARTSTDIO 201, ARTSTDIO
202 OR CONSENT OF INSTRUCTOR

ARTSTDIO 331 INTAGLIO PRINTMAKING  3 Units
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. Fulfills printmaking requirement.
PREREQ: ARTSTDIO 230, ARTSTDIO 102 AND ARTSTDIO 201 OR
CONSENT OF INSTRUCTOR

ARTSTDIO 332 RELIEF PRINTMAKING  3 Units
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.
Fulfills printmaking requirement.
PREREQ: ARTSTDIO 230, ARTSTDIO 102 AND ARTSTDIO 201 OR
CONSENT OF INSTRUCTOR

ARTSTDIO 333 SCREENPRINTING  3 Units
The course presents the basic materials and methods of screenprinting
techniques, including ink mixing, stencil developing, image making, and
editioning. This course fulfills the basic printmaking requirement.
PREREQ: ARTSTDIO 230, ARTSTDIO 102 AND ARTSTDIO 201 OR
CONSENT OF INSTRUCTOR

ARTSTDIO 341 SCULPTURE I  3 Units
An introduction to the disciplines associated with the techniques, media
and aesthetics of sculpture.
PREREQ: ARTSTDIO 103

ARTSTDIO 342 SCULPTURE II  3 Units
A continuation of 110-341 with emphasis on individual direction. The
intent is to develop a deeper meaning of art and art processes.
PREREQ: ARTSTDIO 341

ARTSTDIO 343 SCULPTURE III  3 Units
Arranged for the student as indicated by the student's own interest and
abilities. The student is encouraged to work toward a high degree of
competency and enlightenment.
PREREQ: ARTSTDIO 342

ARTSTDIO 352 CERAMICS II  3 Units
A continuation of ARTSTDIO 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: ARTSTDIO 103 AND ARTSTDIO 251

ARTSTDIO 353 CERAMICS III  3 Units
Arranged for the student as indicated by the student's own interest and
abilities.
PREREQ: ARTSTDIO 352

ARTSTDIO 372 METAL AND JEWELRY II  3 Units
Continued exploration into the creation of jewelry and small sculpture
from metal. Emphasis is on conceptual and technical achievement.
PREREQ: ARTSTDIO 103 AND ARTSTDIO 271

ARTSTDIO 373 METAL AND JEWELRY III  3 Units
This course emphasizes more complex construction and statements in
the creation of jewelry and small sculpture from metal.
PREREQ: ARTSTDIO 372 (FORMERLY 272)

ARTSTDIO 376 VISUAL DESIGN FOR THE WEB  3 Units
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 AND MAGD 220 AND MAGD 270

ARTSTDIO 380 3D MODELING-IMAGING-ANIMATION I  3 Units
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: MAGD 210 AND MAGD 220 OR ARTSTDIO 102 AND ARTSTDIO
287 OR CONSENT OF INSTRUCTOR

ARTSTDIO 381 GRAPHIC DESIGN I: TYPOGRAPHY  3 Units
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: ARTSTDIO 102 AND ARTSTDIO 201; COREQ: ARTSTDIO 287
ARTSTDIO 382 GRAPHIC DESIGN II: PRINT MEDIA  3 Units
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: ARTSTDIO 381

ARTSTDIO 383 GRAPHIC DESIGN III: WEB MEDIA  3 Units
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 Units
A studio course for the advanced art student in the various types and techniques of commercial illustration, using traditional media.
PREREQ: ARTSTDIO 202 AND ARTSTDIO 321

ARTSTDIO 388 MOTION GRAPHIC ANIMATION STUDIO I  3 Units
This course is focused on the study of motion graphics and aesthetic interdisciplinary animation 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 Units
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 392 PACKAGE DESIGN  3 Units
This class is geared to art and design students interested in product packaging. Students will create three-dimensional package design and innovative and functional packaging to promote manufactured products. Areas of study will include rendering, prototyping, specifying different materials, crafting 3-D models and final designs will allow students to attain new skills through the problem-solving process.
PREREQ: ARTSTDIO 103, ARTSTDIO 381, AND ARTSTDIO 382 OR CONSENT OF INSTRUCTOR

ARTSTDIO 408 ADVANCED DRAWING Repeatable  3 Units
A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in drawing. Emphasis placed on the development of personal direction in terms of content, choice and handling of media. Repeatable in increments of 3 credits per term for a maximum of 12 credits.
PREREQ: ARTSTDIO 303

ARTSTDIO 411 PROFESSIONAL STUDIO PRACTICES  3 Units
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 ADVANCED DIGITAL PHOTO STUDIO - ART, ADS, IMMERSIVE PHOTOGRAPHY  3 Units
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 device applications may be explored.
PREREQ: ARTSTDIO 313 OR CONSENT OF INSTRUCTOR

ARTSTDIO 426 ADVANCED PAINTING Repeatable  3 Units
A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in the techniques and aesthetics of painting. Traditional oil and water based media will be introduced. Advanced students will be encouraged to explore a medium of choice. Repeatable in increments of 3 credits per term for a maximum of 12 credits.
PREREQ: ARTSTDIO 321

ARTSTDIO 434 THE ART OF THE BOOK  3 Units
This course will focus on the creation of hand made fine art books through the combination of applied research in traditional and non-traditional printmaking techniques and bookbinding. Graduate students will be expected to research an historical binding and create models for presentation to the class. Fulfills printmaking requirement.
PREREQ: ARTSTDIO 102 AND ARTSTDIO 201 OR CONSENT OF INSTRUCTOR

ARTSTDIO 444 SCULPTURE IV  3 Units
Advanced studio experience in sculpture.
PREREQ: 9 UNITS IN SCULPTURE

ARTSTDIO 445 SCULPTURE V: RESEARCH Repeatable  3 Units
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 Units
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 Repeatable  3 Units
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 Units
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 Units
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  Repeatable  3 Units
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 Units
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 accessibility to files via closed captioning. PREREQ: ARTSTDIO 376

ARTSTDIO 477 ADVANCED HD DV MOTION CAPTURE STUDIO  3 Units
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: ARTSTDIO 377

ARTSTDIO 480 3D MODELING-ANIMATION II  Repeatable  3 Units
This course will extend student introductory computer animation training to a higher level by offering more intermediate level knowledge of 3D modeling formats and systems for creative production. This digital 3D course will allow students to expand on the concepts and skills acquired from the introductory course and will offer them opportunity to explore in greater depth a specific area of 3D imaging. PREREQ: ARTSTDIO 380

ARTSTDIO 482 ILLUSTRATION II  3 Units
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: ARTSTDIO 303 AND ARTSTDIO 384

ARTSTDIO 484 GRAPHIC DESIGN IV: ADVANCED CONCEPTS  3 Units
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: ARTSTDIO 383

ARTSTDIO 485 GRAPHIC DESIGN V: PORTFOLIO SOLUTIONS  3 Units
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: ARTSTDIO 484

ARTSTDIO 486 PROFESSIONAL PORTFOLIO DEVELOPMENT  3 Units
This course will focus on the development of students’ job-seeking portfolios through lectures, demonstrations and new projects. Students will prepare their conceptual, design, craftsmanship and other skills as they assemble and refine their graphic design portfolio pieces. All projects must meet the most professional standards, with an emphasis on quality and job-related subject matter. PREREQ: ARTSTDIO 383

ARTSTDIO 488 MOTION GRAPHIC ANIMATION STUDIO II  3 Units
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: ARTSTDIO 388

ARTSTDIO 490 WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.

ARTSTDIO 491 TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

ARTSTDIO 492 FIELD INTERNSHIP IN ART  Repeatable  1-3 Units
Internship involving professional experience under the supervision of selected business and/or institutional personnel within student’s area of emphasis. Departmental approval required for application. May be retaken to maximum of 6 credits in degree and major.

ARTSTDIO 496 SPECIAL STUDIES  Repeatable  3-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

ARTSTDIO 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable

ARTSTDIO 498 INDEPENDENT STUDIES  Repeatable  1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of six credits in major/degree.

ARTSTDIO 498R INDEPENDENT STUDIES - UNDERGRADUATE RESEARCH  Repeatable  1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of six credits in major/degree.
Communication Courses

COMM 110  INTRODUCTION TO PUBLIC SPEAKING  3 Units
A basic course designed to help students increase their effectiveness in public speaking through classroom speeches. Emphasis is on research, preparation, organization, delivery, and visual aids, to enhance informative and persuasive speaking. The student will develop skills to communicate orally in clear, coherent language appropriate to purpose, occasion, and audience.

COMM 131  INTRODUCTION TO MASS COMMUNICATION  3 Units
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 Units
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 Units
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 Units
Instruction and practice in the theory, design, production and utilization of non-print media in the context of various public relations activities.
PREREQ: COMM 202 AND COMM 203, AND A 2.5 GPA IN THE MAJOR QUALIFIER BLOCK (WHICH CONSISTS OF COMM 110 OR COMM 131, AND COMM 202, AND COMM 203)

COMM 228  INTERPERSONAL COMMUNICATION  3 Units
Theory and exercises in interpersonal communication situations. Basic theory, self disclosure, listening, conflict, trust and other topics will be examined.

COMM 230  RADIO PRACTICUM Repeatable  1 Units
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 TELEVISION PRODUCTION Repeatable  1 Units
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 234  ELECTRONIC MEDIA ANNOUNCING  3 Units
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  3 Units
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  VIDEO PRODUCTION I: FUNDAMENTALS OF VIDEO  3 Units
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  AUDIO PRODUCTION I: FUNDAMENTALS OF AUDIO  3 Units
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  3 Units
Study of the theory and techniques of public address with required presentation of speeches.
PREREQ: COMM 110

COMM 242  COMMUNICATION AND TEAM BUILDING  3 Units
This course is designed to demonstrate the importance of team building in today's work culture. Students learn how to create, participate in and lead successful working teams. The course will teach relationship building to foster interpersonal relationships and aid in conflict resolution.

COMM 249  GREAT MOMENTS IN CINEMA  3 Units
This course seeks to familiarize students with the industrial, cultural, and aesthetic history of cinema as an art form and as a social force.

COMM 258  VIDEO PRODUCTION II: MEDIA STORYTELLING  3 Units
This course will consist of advanced video and field production labor, lectures, outside reading assignments and exams. Each student will write, produce and direct a series of theme-based production assignments over the course of the semester, and strive to improve on video production skills first introduced in Video Production I: Fundamentals of Video.
PREREQ: COMM 238 AND (JOURNLSM 227 OR JOURNLSM 241 OR ENGLISH 376)

COMM 259  AUDIO PRODUCTION II: ADVANCED AUDIO TECHNIQUES  3 Units
An advanced level course that studies the utilization of audio in broadcast, recording, sound reinforcement and multi-media with an emphasis on critical listening and advanced audio production skills. Students critique and analyze existing works and produce related audio materials for various media.
PREREQ: COMM 239 AND (JOURNLSM 227 OR JOURNLSM 241 OR ENGLISH 376)

COMM 263  PRACTICUM IN FORENSICS Repeatable  1 Units
Participation in public address or interpretation events in intercollegiate contest situations. May be retaken.

COMM 275  ADVERTISING AND PUBLIC RELATIONS RESEARCH LITERACY  3 Units
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 276  EVENT PLANNING FOR COMMUNICATION PROFESSIONALS  3 Units
Special events are essential tactics used by communication professionals to reach key target audiences and engage them with the organization. The Event Planning for Communication Professionals course teaches students how to design and administer special events for communication. Students will learn to plan and implement events. They will learn to develop strategies and budgets and manage event activities.
PREREQ: COMM 202, 228; ENGLISH 376; JOURNLSM 220, 227, 241; MAGD 150

COMM 285  SOCIAL MEDIA OPTIMIZATION & THE NEW WEB  3 Units
'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

COMM 293  AUDIO PRACTICUM  Repeatable  1 Units
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 MUSED 290 OR CONSENT OF INSTRUCTOR CROSS-LISTED: COMM 293 AND MUSC 293

COMM 294  WEB VIDEO & THE GAME INDUSTRY - GAMEZOMBIE PRACTICUM  Repeatable  3 Units
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

COMM 302  PUBLIC RELATIONS STRATEGIES  3 Units
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, RESTRICTED TO STUDENTS WITH A MAJOR OF COMMUNICATION W/PUBLIC RELATIONS EMPHASIS OR WITH A MINOR OF COMMUNICATION W/PUBLIC RELATIONS EMPHASIS

COMM 312  CRISIS COMMUNICATION  3 Units
This course is an introduction to theory and research in crisis communication. It focuses primarily on corporate and political discourse; occasionally, public image problems in other contexts will be addressed. Students will read, speak and write about theories and cases studies of crisis communication. Students will learn sound principles of crisis communication planning and will participate in crisis communication simulations.
PREREQ: COMM 202 AND COMM 203

COMM 321  NONVERBAL COMMUNICATION  3 Units
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: SOPHOMORE STANDING

COMM 322  LISTENING BEHAVIOR  3 Units
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.
PREREQ: SOPHOMORE STANDING

COMM 326  COMMUNICATION AND GENDER  3 Units
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. This course covers 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.
PREREQ: SOPHOMORE STANDING

COMM 327  INTRODUCTION TO CORPORATE COMMUNICATION  3 Units
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: SOPHOMORE STANDING

COMM 328  COMMUNICATION CONFLICT RESOLUTION  3 Units
This course provides a communications perspective of the nature and possible methods of resolution of conflict.
PREREQ: SOPHOMORE STANDING

COMM 331  PRACTICUM IN TELEVISION PRODUCTION AND DIRECTING  Repeatable  1-3 Units
Participation of a program producer and/or director for television programming created for the University Cable Television System. Repeatable for a maximum of 4 credits in major/degree.
PREREQ: COMM 238 AND (JOURNLSM 227 OR ENGLISH 376) OR CONSENT OF INSTRUCTOR

COMM 338  VIDEO PRODUCTION III: CORPORATE AND COMMERCIAL MEDIA  3 Units
The course will consist of advanced video and field production labor, lectures, outside reading assignments and exams. Each student will write, produce and direct a series of corporate and commercial productions and learn the importance of oral communication and proper client relationships. Each student will strive to improve existing skills with field equipment, non-linear editing, advanced software programs, and multi-media presentations. The work in the course will primarily focus on individual project efforts, unless approved by the instructor.
PREREQ: COMM 258

COMM 339  AUDIO III: STUDIO PRODUCTION  3 Units
An applied course using the knowledge and skills necessary for professional audio production with an emphasis on studio recording and aesthetics. Concepts include signal flow, processing, microphone selection and placement, mixing and mastering. Students will produce multi-track recording projects.
PREREQ: COMM 259 OR CONSENT OF INSTRUCTOR
COMM 345  PERSUASION  3 Units
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  3 Units
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. CROSS-LISTED: COMM 346 AND MUSC 346

COMM 351  GAME STUDIES AND DESIGN  3 Units
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 CONSENT OF INSTRUCTOR

COMM 363  INTRODUCTION TO HEALTH COMMUNICATION  3 Units
This course provides an overview of health communication, with emphasis given to theory and research on social support messages. Factors that influence social support messages are examined in a variety of different contexts (e.g., relational, familial, support group, workplace, on-line).
PREREQ: SOPHOMORE STANDING

COMM 368  FAMILY COMMUNICATION  3 Units
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: SOPHOMORE STANDING

COMM 369  MEDICAL COMMUNICATION & HEALTH LITERACY  3 Units
Will familiarize students with common medical terminology, its usage, translating scientific jargon into everyday language for multiple target populations.
PREREQ: COMM 363 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR

COMM 372  SOCIAL MOVEMENTS AND PERSUASION  3 Units
This course examines how social movements accomplish change in our society. Using several case studies as examples, it explores communication and social movement theory perspectives and discusses the influence of social change communication strategies. The course explores such topics as the use of messaging to maintain movement momentum and the design of effective communication campaigns.
PREREQ: COMM 110 ONE OF THE FOLLOWING: COMM 202, 228; ENGLISH 376; JOURNLSM 220, 227, 241; MAGD 150

COMM 373  COMMUNICATING LEADERSHIP  3 Units
The purpose of this course is to introduce students to the study and practice of leadership from a communication perspective. Examination of leadership concepts and theories in organizational, group, and public contexts will illustrate the interactive process wherein leaders and followers are able to achieve collective goals. Students will analyze their personal leadership styles and develop leadership communication skills through case studies, self-assessments, projects and classroom exercises.
PREREQ: COMM 110

COMM 389  APPLIED WORKPLACE COMPETENCIES  3 Units
This advanced communicaton course emphases the demonstration and understanding of workplace competencies, such as developing successful writing and interviewing skills associated with finding employment, as well as demonstrating how to write and successfully complete professional goals. Other communication competencies linked with successful workplace practices are also covered.
PREREQ: COMM 228, COMM 327, COMM 363, JUNIOR STANDING, AND 2.5 GPA IN THE MAJOR QUALIFIER BLOCK (WHICH CONSISTS OF COMM 110 OR COMM 131, AND COMM 228, AND COMM 327)

COMM 402  PUBLIC RELATIONS PLANNING  3 Units
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 AND COMM 203 AND COMM 204 AND COMM 275 AND COMM 302 RESTRICTED TO STUDENTS WITH A MAJOR IN COMMUNICATION W/PUBLIC RELATIONS EMPHASIS OR WITH A MINOR IN COMMUNICATION W/PUBLIC RELATIONS EMPHASIS

COMM 417  COMMUNICATION AND NONPROFIT ORGANIZATION  3 Units
This course prepares students to better understand the traditional organizational frameworks and apply them in the nonprofit world. Specifically, the course will address communicating a strategic vision, stewardship, managing and understanding the relationships between boards and volunteers and staff, building and maintaining successful volunteer programs, event planning, fundraising and media and government relations through reading, lectures, case studies and a capstone project.
PREREQ: COMM 327, COMM 424, COMM 485

COMM 422  COMMUNICATION THEORIES  3 Units
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/SENIOR STATUS

COMM 424  CROSS CULTURAL COMMUNICATION  3 Units
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  COMMUNICATION TRAINING  3 Units
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, COMM 424, AND COMM 485
COMM 440  NEW COMMUNICATION TECHNOLOGIES  3 Units  
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 JOURNLISM 227 OR JOURNLISM 220 OR COMM 131 OR JUNIOR STANDING

COMM 463  APPLIED COMMUNICATION IN HEALTH AND WELLNESS  3 Units  
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 424, AND COMM 485

COMM 464  HEALTH MESSAGE ADVOCACY AND ANALYSIS  3 Units  
This course embraces a social justice perspective toward public health, and emphasizes the analytical, cross-cultural, health literacy and interpersonal skills students develop through the Corporate and Health Communication curriculum. Special attention is given to research-based tools students can use to assess and depict health-related risks in their communities.  
PREREQ: COMM 363, COMM 424, AND COMM 485

COMM 485  COMMUNICATION RESEARCH METHODS  3 Units  
An advanced-level undergraduate and graduate survey of methodologies and issues relevant to the practice of communication research.  
PREREQ: JUNIOR/SENIOR STATUS

COMM 487  ELECTRONIC MEDIA CAPSTONE: SENIOR PROJECT  3 Units  
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 STATUS AND COMM 258 AND COMM 259

COMM 490  WORKSHOP  1-3 Units  
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

COMM 491  TRAVEL STUDY  Repeatable  1-3 Units  
Variable topics. Faculty-led courses abroad. Repeatable

COMM 493C  INTERNSHIP IN COMMUNICATION  Repeatable  1-3 Units  
Professional experience in which the student who aspires to a career in the corporate and health industry works for an approved employer in his/her area of interest under the supervision of a professional in that field.

COMM 493E  INTERNSHIP IN ELECTRONIC MEDIA  Repeatable  1-3 Units  
Professional experience in which the student who aspires to a career in the electronic media industry works for an approved employer in his/her area of interest under the supervision of a professional in that field.

COMM 493M  MAGD INTERNSHIP  Repeatable  1-3 Units  
The MAGD internship is a hands-on multimedia work experience that counts toward the Media Arts & Game Development Degree under the supervision of a professional in that field.

COMM 494  SEMINAR  Repeatable  1-6 Units  
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.  
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

COMM 496  SPECIAL STUDIES  Repeatable  1-3 Units  
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.  
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

COMM 497  EXCHANGE STUDY  Repeatable  1-12 Units  
Variable topics. Repeatable

COMM 498  INDEPENDENT STUDY  Repeatable  1-3 Units  
Study of a selected topic or topics under the direction of a faculty member. Repeatable.  
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

COMM 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  3 Units  
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Dance Courses

DANCE 110  DANCE APPRECIATION  2 Units  
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  Repeatable  2 Units  
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.

DANCE 145  BALLET I  Repeatable  2 Units  
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 turnout. The class incorporates barre work, center combinations and locomotor movements across the floor. French terminology for movements learned. Offered each semester. 

DANCE 155  TAP DANCE I  Repeatable  2 Units  
Tap Dance I is an introductory, experiential course in the techniques of Broadway and Rhythm Tap that would be viable for use in Musical Theatre and performance. Class participation utilizes problem solving and creativity in music-making and body percussion. A wide range of tap steps utilizing various rhythms and tempos will be introduced.

DANCE 161  JAZZ DANCE I- BEGINNING  Repeatable  2 Units  
Jazz I is a studio experiential class in beginning jazz dance technique. Exploration includes study of basic jazz movement that includes warm-up, phrases, turns, leaps and center combinations. Additional study in required text and viewing media.
DANCE 200 PRACTICUM - DANCE PERFORMANCE  Repeatable  1 Units
This practicum is designed to allow students who are interested in dance to participate as performers in showings and performances. A student is expected to spend a minimum of 40 hours per unit in rehearsing and performing at times specified by the instructor. Offered every fall, students must be available to continue in spring.
PREREQ: AUDITION AND CONSENT OF INSTRUCTOR

DANCE 243 IMPROVISATION/SOUND  Repeatable  2 Units
The creation of dance movement through the exploration and experimentation of a variety of stimuli as sources for movement experiences.

DANCE 244 CONTEMPORARY DANCE TECHNIQUE II  Repeatable  2 Units
Further study of dance techniques on the intermediate level. Repeatable three times for a maximum of 6 credits in degree. Offered each spring*.
PREREQ: DANCE 141 OR CONSENT OF INSTRUCTOR

DANCE 246 BALLET II  Repeatable  2 Units
Continuation of basic concepts learned in Ballet I with emphasis on more complex skills and combinations. It is highly recommended that students have at least 2 years of ballet training or two terms of DANCE 145. Repeatable four times for a total of 8 units in the degree. Offered each fall*.

DANCE 255 TAP DANCE II  Repeatable  2 Units
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.

DANCE 261 JAZZ DANCE II INTERMEDIATE  Repeatable  2 Units
Intermediate Jazz II is a studio experiential class in intermediate jazz dance technique. The class will cover a wide range of experiential learning that includes: correct physical alignment, warming up the body, jazz movement, turns, leaps, phrases, across-the-floor work all at the intermediate level. Additional study in required text and viewing media.
PREREQ: DANCE 161 OR CONSENT OF INSTRUCTOR

DANCE 320 COMPOSITION I (SOLO)  Repeatable  3 Units
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.
PREREQ: DANCE 243

DANCE 346 BALLET III  Repeatable  2 Units
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. It is highly recommended that the student have at least 4 years of ballet training or have completed DANCE 246. Repeatable four times for a total of 8 units in the degree. Offered each spring*.

DANCE 348 CONTEMPORARY DANCE TECHNIQUES III  Repeatable  3 Units
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 three times for a maximum of 9 credits in degree. Offered each fall.
PREREQ: DANCE 244 OR CONSENT OF INSTRUCTOR

DANCE 420 DANCE COMPOSITION II (GROUP)  Repeatable  3 Units
A continuation of the elements of choreography concentrating on form with more complex approaches and depth of movement themes for duet, trio and group.
PREREQ: DANCE 320

DANCE 494 BALLET FOLKLORICO DANCE TECHNIQUE  Repeatable  1-2 Units
Mexican Ballet Folklorico is a beginning dance technique that introduces students to traditional dances of Mexico's diverse diasporic culture. Students engage with movement vocabularies, choreography and cultural understandings of Mexico's marginalized connections historically and currently. This class will include discussions, readings, and viewing archival footage to critically analyze Mexico's ideas of Mexicanidad and construction of the state through dance.

DANCE 496 SPECIAL STUDIES  Repeatable  1-3 Units
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. Repeatable. Offered on demand.
PREREQ: JUNIOR STATUS OR CONSENT OF DEPARTMENT

DANCE 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics

DANCE 498 INDEPENDENT STUDY IN DANCE  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

DANCE 499 DANCE PRODUCTION PROJECT  Repeatable  1-3 Units
This course is designed to allow students who are interested in choreographing and staging a full-length dance concert, or its equivalent, choreographing for main stage productions such as the annual department dance concert, or choreographing for a musical. A student is expected to spend a minimum of 40 hours per unit in rehearsal and/or preparation.
PREREQ: CONSENT OF INSTRUCTOR

Media Arts and Game Development Courses

MAGD 210 VISUAL DESIGN FOR DIGITAL MEDIA  3 Units
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 Units
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 Units
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.
PREREQ: MAGD 150 AND MAGD 210

MAGD 271  INTERACTIVE COMMUNICATION  3 Units
Course focuses on design and development of interactive media and games. Students develop interactive environments focused on storytelling and game-based interaction. Course explores the creation, delivery and reception of interactive communication and how good interaction ideas are developed. Work is assessed for functionality, elegance and usability.
PREREQ: MAGD 150

MAGD 272  GAME DEVELOPMENT  3 Units
Focuses on the creation of videogame projects using a modern game engine. Designed for students with competence in art, design, programming, or some combination of the three. The curriculum is a combination of short lectures, individual and group activities, tutorials, readings, discussion, and critique leading to individual and team game-building assignments.
PREREQ: MAGD 150, MAGD 210, AND MAGD 220 AND SOPHOMORE STATUS

MAGD 487  MEDIA ARTS CAPSTONE - PORTFOLIO DEVELOPMENT  3 Units
As the culmination of the MAGD sequence, students will build a working portfolio that demonstrates their skills. Students will implement the knowledge they have acquired individually in courses in the MAGD sequence to create their portfolio, develop their skills, and learn how to work in groups.
PREREQ: MAGD 150 AND MAGD 210 AND MAGD 220 AND MAGD 270 AND MAGD 271; AND 12 ADDITIONAL CREDITS IN THE MAJOR; AND DEPARTMENT CONSENT OR SENIOR STATUS

MAGD 488  MEDIA ARTS AND GAME DEVELOPMENT TEAM PROJECTS  Repeatable  3 Units
Students will plan, pitch, and develop team projects. 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.
PREREQ: MAGD 150 AND MAGD 210 AND MAGD 220; AND TWO OF THE FOLLOWING (MAGD 270, MAGD 271, AND MAGD 272); AND DEPARTMENT CONSENT OR SENIOR STATUS

MAGD 490  WORKSHOP  Repeatable  1 Units
Variable Topics

MAGD 491  GAMES PRACTICUM: NETHERLANDS  3 Units
Students will collaborate with HAN students to complete and deploy a video game while practicing effective communication, project management, and implementing game development tasks at HAN University in the Netherlands.

MAGD 492  FIELD STUDY  Repeatable  1-3 Units

MAGD 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

MAGD 498  INDEPENDENT STUDIES  Repeatable  1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of six credits in major/degree.

Music Courses

MUSC 60  PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA  1 Units
This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

MUSC 70  PRIVATE VOCAL INSTRUCTION IN THE PRIMARY AREA  1 Units
This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

MUSC 80  PRIVATE KEYBOARD INSTRUCTION IN THE PRIMARY PERFORMING AREA  1 Units
This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

MUSC 100  RECITAL ATTENDANCE  Repeatable  0 Units
Offered on a satisfactory/no credit basis only. A set number of recitals and concerts must be attended to fulfill the requirement. Open to and required of music majors and minors. Repeatable.
MUSC 120 PRIVATE INSTRUMENTAL INSTRUCTION (ELECTIVE) Repeatable 1 Units
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.

MUSC 121 PRIVATE VOCAL INSTRUCTION (ELECTIVE) Repeatable 1 Units
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.

MUSC 122 PRIVATE PIANO INSTRUCTION (ELECTIVE) Repeatable 1 Units
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.

MUSC 126 PRIVATE INSTRUMENTAL INSTRUCTION (NON-PRIMARY) Repeatable 1 Units
This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.
COREQ: MUSC 100

MUSC 127 PRIVATE VOCAL INSTRUCTION (NON-PRIMARY) Repeatable 1 Units
This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.
COREQ: MUSC 100

MUSC 128 PRIVATE PIANO INSTRUCTION (NON-PRIMARY) Repeatable 1 Units
This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.
COREQ: MUSC 100

MUSC 129 PRIVATE ORGAN INSTRUCTION (NON-PRIMARY) Repeatable 1 Units
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 instructor.
COREQ: MUSC 100

MUSC 140 INTRODUCTION TO CLASSICAL MUSIC 2 Units
A course in music appreciation focusing on western European Art music, emphasizing the organizational elements in music and the pertinence of these elements to perceptive listening and the role of music in culture. Lectures, concerts, assigned reading and directed listening. Not open to music majors and minors.

MUSC 143 SURVEY OF AMERICAN JAZZ 2 Units
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 2 Units
A beginning course in music theory for interested students. The course content includes basic concepts of notation, pitch, rhythm, scales, and chords. Beginning listening and music reading skills are taught. Credits not applicable to music major or minor.

MUSC 151 THEORY I 2 Units
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 OR DEPARTMENT

MUSC 152 THEORY II 2 Units
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 Units
An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work on melody, harmony and rhythm. Intended to be taken concurrently with Theory I (MUSC 151). PREREQ: ENROLLED BA MUSIC, BM OR MUSIC MINOR OR CONSENT OF INSTRUCTOR. COREQ: MUSC 151

MUSC 154 AURAL SKILLS II 2 Units
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-PRIMARY PERFORM AREA (LEVEL 1) Repeatable 1-4 Units
Study at this level includes the review and application of fundamental techniques in the selected area, and the performance of solo repertoire appropriate to the first year of college study. Repeatable. Open to music majors who have passed the entrance audition in their primary area. PREREQ: MUSIC MAJORS; COREQ: MUSC 100

MUSC 161 UNIVERSITY BANDS Repeatable 1 Units
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.

MUSC 162 UNIVERSITY ORCHESTRA Repeatable 1 Units
Open to all university students. Materials selected from standard orchestral literature.

MUSC 164 JAZZ BANDS Repeatable 1 Units
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.

MUSC 166 FOLK GUITAR 1 Units
An introduction to guitar through class lesson. Emphasis will be placed on the chordal approach to guitar playing in order to harmonize (accompany) popular folk melodies. PREREQ: MUSIC MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

MUSC 169 MARCHING BAND Repeatable 1 Units
Open to all students in the university who play a wind or percussion instrument, or who have been in a color guard. Performs for all home games, State Marching Band Championships and travels periodically. Offered fall term only.

MUSC 170 PRIVATE VOCAL INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 1) Repeatable 1-4 Units
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. PREREQ: MUSIC MAJORS; COREQ: MUSC 100
MUSC 171 UNIVERSITY CHOIRS  Repeatable 1 Units
Open to all university students; no audition required. Registering for University Choirs automatically places students in Concert Choir plus either Women's Chorale or Men's Chorus, depending on gender. The total rehearsal commitment is four hours per week. Repertoire includes classical, world, and popular music; activities consist of concerts on campus, often with the Whitewater Symphony Orchestra. Repeatable.

MUSC 172 CHAMBER SINGERS  Repeatable 1 Units
Selective choir open to all students by audition. Repertoire consists of classical music from all eras and a wide variety of ethnic music. Activities include concerts on and off campus and annual tours, either regionally or internationally. Four hours of rehearsal per week. Auditions held during the first week of classes in September, and, as needed, in January. PREREQ: OPEN TO ALL UNIVERSITY STUDENTS BY AUDITION

MUSC 177 CLASS VOICE I 1 Units
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-PRIMARY PERFORM AREA (LEVEL 1)  Repeatable 1-4 Units
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. PREREQ: MUSIC MAJORS; COREQ: MUSC 100

MUSC 186 CLASS PIANO I 1 Units
Group instruction for music majors and minors who have had no previous keyboard training. Two one-hour meetings and four hours practice per week. PREREQ: ENROLLED BA MUSIC, BM OR MUSIC MINOR; OR CONSENT OF INSTRUCTOR OR DEPARTMENT

MUSC 187 CLASS PIANO II 1 Units
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 Units
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 Units
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 195 MUSIC AS A WORLD PHENOMENON 2 Units
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 3 Units
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 3 Units
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 3 Units
A survey of the history of Western music, from Antiquity to 1750. The course emphasizes music listening and style analysis of Medieval, Renaissance and Baroque music, along with basic bibliographic knowledge and research practices necessary for the music student. PREREQ: GENED 110 AND MUSC 151 AND MUSC 152 OR CONSENT OF INSTRUCTOR

MUSC 246 MUSIC HISTORY II 3 Units
A continuation of MUSC 245. A survey of the history of Western music, from 1750 to 1900. The course emphasizes music listening and style analysis of Classical and Romantic period music. PREREQ: GENED 110 AND MUSC 151 AND MUSC 152 OR CONSENT OF INSTRUCTOR

MUSC 247 MUSIC HISTORY III 3 Units
A continuation of MUSC 246. A survey of the history of Western music, from 1900 to the present. The course emphasizes music listening and style analysis of 20th and 21st-century music, including popular styles. PREREQ: GENED 110 AND MUSC 151 AND MUSC 152 OR CONSENT OF INSTRUCTOR

MUSC 251 THEORY III 2 Units
An approach to the comprehension of the basic tools of musicianship through the study of modulation and chromatic harmony. PREREQ: MUSC 152

MUSC 252 THEORY IV 2 Units
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 Units
An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work in melody, harmony and rhythm at a more advanced level than Aural Skills II. PREREQ: MUSC 152 AND MUSC 154

MUSC 254 AURAL SKILLS IV 2 Units
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-PRIMARY PERFORM AREA (LEVEL 2)  Repeatable 1-4 Units
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. PREREQ: COMPLETION OF TWO TERMS OF MUSC 160 WITH A GRADE OF 'C' OR BETTER IN EACH TERM ('B' OR BETTER FOR STUDENTS PURSUING THE PERFORMANCE EMPHASIS). MUSIC MAJORS; COREQ: MUSC 100
MUSC 269 INSTRUMENTAL ENSEMBLE Repeatable 1 Units
Instrumental ensembles that are regularly offered in the spring term include 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-PRIMARY PERFORM AREA (LEVEL 2) Repeatable 1-4 Units
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 170 LEVEL WITH GRADE OF 'C' OR BETTER ('B' OR BETTER FOR STUDENTS PURSUING THE PERFORMANCE EMPHASIS) AND MUSIC MAJOR; COREQ: MUSC 100

MUSC 271 OPERA PERFORMANCE TECHNIQUES Repeatable 1 Units
A study of basic techniques for the singer/actor through performance of scenes from operatic masterworks of various historical periods.

MUSC 272 PRACTICUM IN MUSIC THEATRE Repeatable 1 Units
Participation as a singer or orchestra member in a university production.

MUSC 275 DICTION FOR SINGERS I Repeatable 3 Units
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 Repeatable 2 Units
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 277 VOCAL JAZZ ENSEMBLE Repeatable 1 Units
Selective choir open to all students by audition. Repertoire covers all styles in the contemporary vocal idiom, including jazz, pop, and Broadway. Concerts occur on and off campus and on annual tours, either regionally or internationally. Two hours of rehearsal per week. Auditions are held during the first week of classes in September, and, as needed, in January. Repeatable.
PREREQ: OPEN TO ALL UNIVERSITY STUDENTS BY AUDITION

MUSC 278 GOSPEL CHOIR Repeatable 1 Units
Open to all university students; no audition required. The study and performance of music in the African-American Gospel tradition. Activities include weekly rehearsals and concerts on and off campus each semester. Repeatable.

MUSC 279 VOCAL ENSEMBLE Repeatable 0.5 Units
Open to all university students; no audition required. Ensembles include Women's Chorale, Men's Chorus, and Concert Choir. These choirs perform a wide variety of musical styles, including classical, popular, Broadway, and world music. Activities consist of concerts on and off campus. Repeatable.

MUSC 280 PRIVATE PIANO INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 2) Repeatable 1-4 Units
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 180 LEVEL WITH GRADE OF 'C' OR BETTER IN EACH TERM ('B' OR BETTER FOR STUDENTS PURSUING THE PERFORMANCE EMPHASIS) AND MUSIC MAJORS; COREQ: MUSC 100

MUSC 292 INSTRUMENTAL TECHNIQUES 1 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

MUSC 293 AUDIO PRACTICUM Repeatable 1 Units
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
CROSS-LISTED: COMM 293 AND MUSC 293

MUSC 326 PRIVATE INSTRUMENTAL INSTRUCTION (NON-PRIMARY) LEVEL 2 Repeatable 1 Units
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 Repeatable 1 Units
A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable for a maximum of 3 credits in major.
PREREQ: SUCCESSFUL COMPLETION OF FOUR TERMS OF 100 LEVEL AND CONSENT OF FACULTY

MUSC 328 PRIVATE PIANO INSTRUCTION (NON-PRIMARY) LEVEL 2 1 Units
A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable for a maximum of 3 credits in major.
PREREQ: SUCCESSFUL COMPLETION OF FOUR TERMS OF 100 LEVEL AND CONSENT OF FACULTY

MUSC 338 APPLIED VOICE PEDAGOGY 3 Units
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 AND PASS PIANO PROFICIENCY

MUSC 339 PIANO PEDAGOGY 2 Units
A critical and intensive examination of teaching materials and skills essential for teaching the piano.

MUSC 344 HISTORY OF AMERICAN JAZZ 2 Units
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 Units
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, ENGLISH 101 AND ENGLISH 102 OR ENGLISH 105
CROSS-LISTED: MUSC 345 AND WOMENST 345

MUSC 346  SOUND AND IMAGE: AN EXPLORATION OF SOUND FOR/
WITH VISUAL MEDIA  3 Units
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.
CROSS-LISTED: COMM 346 AND MUSC 346

MUSC 356  CONDUCTING  2 Units
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 OR CONSENT OF INSTRUCTOR

MUSC 357  CHORAL CONDUCTING  2 Units
Advanced choral conducting techniques with emphasis placed on
rehearsal problems and solutions as well as chorale organization
management.
PREREQ: MUSC 356 AND PASS PIANO PROFICIENCY

MUSC 358  INSTRUMENTAL CONDUCTING  2 Units
Advanced conducting techniques with emphasis on both the gestural
aspects of conducting and score study.
PREREQ: MUSC 356 AND PASS PIANO PROFICIENCY

MUSC 360  PRIVATE INSTRUMENTAL INSTRUCTION-PRIMARY
PERFORM AREA (LEVEL 3)  Repeatable  1-4 Units
A continuation of 200 Level with increased emphasis on technical facility
and preparation of solo literature. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 260 LEVEL WITH
GRADE OF B OR BETTER AND CONSENT OF FACULTY AND A MUSIC
MAJOR. COREQ: MUSC 100

MUSC 370  PRIVATE VOCAL INSTRUCTION-PRIMARY PERFORM AREA
(LEVEL 3)  Repeatable  1-4 Units
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 MUSC 270 LEVEL WITH
GRADE OF B OR BETTER AND CONSENT OF FACULTY AND A MUSIC
MAJOR; COREQ: MUSC 100

MUSC 380  PRIVATE PIANO INSTRUCTION-PRIMARY PERFORM AREA
(LEVEL 3)  Repeatable  1-4 Units
A continuation of 200 Level with increased emphasis on technical facility
and preparation of solo literature. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 280 LEVEL WITH
GRADE OF ‘B’ OR BETTER AND CONSENT OF FACULTY AND A MUSIC
MAJOR; COREQ: MUSC 100

MUSC 385  ACCOMPANYING AND COLLABORATIVE PIANO
PRACTICUM Repeatable  2 Units
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 383  CHAMBER MUSIC  Repeatable  1 Units
Rehearsal and performance of music for diverse small ensembles. Credit
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.

MUSC 386  BAROQUE MUSIC  3 Units
Musical trends during the Baroque era, including the development of
musical style from the late Renaissance courts through the music of
Bach and Handel. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247 OR CONSENT OF INSTRUCTOR

MUSC 387  MUSICAL ENTREPRENEURSHIP  3 Units
A survey of the history of Western European musical style from Antiquity to the Renaissance. Analysis of
representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 388  MUSICAL MANAGEMENT  3 Units
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: MUSC MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

MUSC 389  MUSICAL HISTORY  3 Units
A continuation of 200 Level with increased emphasis on technical facility
and preparation of solo literature. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 290 LEVEL WITH
GRADE OF ’B’ OR BETTER AND CONSENT OF FACULTY AND A MUSIC
MAJOR; COREQ: MUSC 100

MUSC 390  PRIVATE OPERATIC PIANO  PRIMARY PERFORM
AREA (LEVEL 3)  Repeatable  1-4 Units
A continuation of 200 Level with increased emphasis on technical facility
and preparation of solo literature. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 300 LEVEL WITH
GRADE OF ‘B’ OR BETTER AND CONSENT OF FACULTY AND A MUSIC
MAJOR; COREQ: MUSC 100

MUSC 391  MUSIC OF THE ROMANTIC PERIOD  3 Units
Musical trends from C. 1800-1910; the development of Western
European musical style during the 19th century. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 392  MUSIC OF THE TWENTIETH CENTURY  3 Units
Musical trends from C. 1910-1970; the development of Western
European musical style during the 20th century. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 393  MUSIC OF THE TWENTIETH CENTURY  3 Units
Musical trends from C. 1700-1830; the development of Western
European musical style from the mid-18th century through Haydn, Mozart and
Beethoven. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 394  MUSIC OF THE TWENTY-FIRST CENTURY  3 Units
Musical trends from C. 1970-2000; the development of Western
European musical style during the 21st century. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 395  MUSIC OF THE TWENTY-FIRST CENTURY  3 Units
Musical trends from C. 1900-2000; the development of Western
European musical style during the 20th century. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 396  MUSIC OF THE RENAISSANCE  3 Units
Musical trends from c. 1300-1600; the development of Western European
musical style through the Renaissance. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 397  MUSIC OF THE TRANSITIONAL PERIOD  3 Units
Musical trends from C. 1500-1600; the development of Western
European musical style from the last Renaissance courts through the music of
Bach and Handel. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 398  MUSIC OF THE MODERN PERIOD  3 Units
Musical trends from C. 1800-1910; the development of Western
European musical style during the 19th century. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247

MUSC 399  MUSIC OF THE MODERN PERIOD  3 Units
Musical trends from C. 1910-1970; the development of Western
European musical style during the 20th century. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247
MUSC 451  CHORAL AND KEYBOARD ARRANGING  2 Units
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  ELECTRONIC MUSIC AND SOUND DESIGN I  2 Units
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 COMM 239 OR MUSED 290 OR MUSC 346/
COMM 346 OR CONSENT OF INSTRUCTOR

MUSC 453  ARRANGING  2 Units
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 Units
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 OR CONSENT OF INSTRUCTOR

MUSC 455  FORM AND ANALYSIS  2 Units
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  Repeatable  2 Units
Creative writing in various idioms, utilizing both harmonic and
contrapuntal techniques.
COREQ: MUSC 252 OR CONSENT OF INSTRUCTOR

MUSC 458  JAZZ IMPROVISATION  Repeatable  1 Units
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 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 461  ADVANCED JAZZ IMPROVISATION  Repeatable  1 Units
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  Repeatable  2 Units
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  MUSIC AFTER 1900  3 Units
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 464  AMERICAN MUSIC  3 Units
A survey of American music, including its major influences, great works,
important styles, and prominent musicians. Topics covered include
popular music; the concert music tradition, both populist and avant-
garde; the influence of black music; sacred music; and the musical
contributions of ethnic and regional subcultures.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247 OR CONSENT OF
INSTRUCTOR

MUSC 469  JAZZ PEDAGOGY II  1 Units
Students in Jazz Pedagogy II will acquire hands-on experience with the
organization, performance, and directing of both the large and small
jazz ensembles. This will be facilitated through a student big band
and multiple small groups that will include class members on major
or secondary instruments. Volunteer students will cover positions not
available in the class enrollment to achieve complete instrumentation in
all of the ensembles.
PREREQ: MUSED 467

MUSC 470  PRIVATE VOCAL INSTRUCTION-PRIMARY PERFORM AREA
(LEVEL 4)  Repeatable  1-4 Units
A continuation of 300 Level, the primary objective being the preparation
and presentation of a senior recital. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 370 LEVEL WITH A
GRADE OF 'B' OR BETTER AND A MUSIC MAJOR. COREQ: MUSC 100

MUSC 476  RESEARCH SEMINAR IN MUSIC  2 Units
A study of advanced research techniques in music, including work with
digital resources and primary sources.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247 OR CONSENT OF
INSTRUCTOR

MUSC 479  ADVANCED JAZZ ARRANGING  2 Units
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.
PREREQ: MUSC 458

MUSC 480  PRIVATE PIANO INSTRUCTION-PRIMARY PERFORM AREA
(LEVEL 4)  Repeatable  1-4 Units
A continuation of 300 Level, the primary objective being the preparation
and presentation of a senior recital. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 380 LEVEL WITH A
GRADE OF 'B' OR BETTER AND A MUSIC MAJOR. COREQ: MUSC 100
MUSC 482 VOCAL AND INSTRUMENTAL ACCOMPANYING Repeatable 1 Units
A study of principles of vocal and instrumental accompanying. Practical accompaniment projects carried out under supervision. Repeatable four times for major/degree.

MUSC 488 SENIOR RECITAL 1 Units
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 20 minutes of music and its performance on a public recital. One credit of Level 400 instruction in the Primary Performing Area may be elected concurrently.
PREREQ: TWO TERMS OF PRIVATE INSTRUCTION IN THE PRIMARY PERFORMING AREA AT 300 LEVEL; COREQ: ONE CREDIT OF LEVEL 400 INSTRUCTION IN THE PRIMARY PERFORMING AREA.

MUSC 489 SENIOR RECITAL (PERFORMANCE) 1 Units
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 45 minutes of music and its performance on a public recital. Two or three credits of Level 400 instruction in the Primary Performing Area should be elected concurrently.
PREREQ: TWO TERMS OF PRIVATE INSTRUCTION IN THE PRIMARY PERFORMING AREA AT 300 LEVEL. COREQ: TWO OR THREE CREDITS OF LEVEL 400 INSTRUCTION IN THE PRIMARY PERFORMING AREA

MUSC 490 WORKSHOP Repeatable 1-6 Units
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 45 minutes of music and its performance on a public recital. Two or three credits of Level 400 instruction in the Primary Performing Area should be elected concurrently.

MUSC 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

MUSC 496 SPECIAL STUDIES Repeatable 1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

MUSC 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

MUSC 498 INDEPENDENT STUDY Repeatable 1-4 Units
Study of selected topic or topics under the direction of a faculty member.
PREREQ: JUNIOR OR SENIOR MUSIC MAJORS OR MINORS AND CONSENT OF INSTRUCTOR

Music Education Courses

MUSED 160 INTRODUCTION TO TEACHING MUSIC 1 Units
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 278 VOICE PEDAGOGY FOR INSTRUMENTAL MUSIC EDUCATORS 1 Units
This course is intended as preparation for instrumental music education majors who may be required to instruct choral ensembles and/or voice lessons as part of their teaching duties. Building on concepts learned in MUSC 177: Class Voice, students will learn about the anatomical, physiological and acoustic elements of singing in order to gain a working knowledge of the vocal mechanism.
PREREQ: MUSC 177

MUSED 290 TECHNOLOGY MUSIC EDUCATORS 2 Units
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 322 EARLY CHILDHOOD MUSIC METHODS 3 Units
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 a basic understanding of musical fundamentals, and the skills, understanding and dispositions which will allow them to enrich classroom environments through the incorporation of music into various school settings.
PREREQ: PROFESSIONAL EDUCATION ADMISSION, RESTRICTED TO STUDENTS WITH CURRICULUM EARLY CHILDHOOD

MUSED 323 ELEMENTARY SCHOOL MUSIC METHODS 3 Units
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 a basic understanding of musical fundamentals, and the 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; RESTRICTED TO STUDENTS WITH CURRICULUM ELEMENTARY EDUCATION

MUSED 328 TEACHING MUSIC AND ACCOMPANYING FROM THE PIANO 1 Units
This course is designed to prepare pre-service music teachers to use the piano as a teaching tool in a variety of settings, to use requisite piano and conducting skills to teach a wide range of musical styles, and to develop piano skills to meet the needs of future elementary and secondary music students.
PREREQ: FIVE CREDITS OF MUSC 128, MUSC 186, MUSC 187, MUSC 188, OR MUSC 189, OR CONSENT OF INSTRUCTOR

MUSED 347 STRING PEDAGOGY 2 Units
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 362 STRING INSTRUMENT TECHNIQUES 3 Units
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: MUSC MAJORS
MUSED 363  WOODWIND TECHNIQUES I  2 Units
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 level on the 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 Units
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 Units
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  Repeateable  2 Units
Study of snare drum, timpani, keyboard percussion, drum set and other percussion instruments. Consideration given to the problems of the beginning percussionist. Repeateable.
PREREQ: MUSC MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

MUSED 437  ELEMENTARY/MIDDLE SCHOOL INSTRUMENTAL METHODS  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION AND MUSC 356 AND PASS PIANO PROFICIENCY

MUSED 438  METHODS OF TEACHING CHORAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL  2 Units
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.
PREREQ: PASS PIANO PROFICIENCY COREQ: CIFLD 492

MUSED 439  METHODS TEACHING INSTRUMENTAL MUSIC MIDDLE/SECONDARY  2 Units
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: MUSED 437 AND PASS PIANO PROFICIENCY COREQ: CIFLD 492, RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

MUSED 452  PEDAGOGY AND PRACTICE FOR TEACHING GENERAL MUSIC K-12  4 Units
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 AND B OR BETTER IN MUSC 177 OR BM MUSIC EDUCATION CHORAL EMPHASIS AND PASS PIANO PROFICIENCY

MUSED 466  LITERACY AND ASSESSMENT STRATEGIES FOR THE MUSIC TEACHER  3 Units
This course is designed for music education majors to learn how to implement literacy strategies and measurement theory and assessment into middle and secondary music education courses.
PREREQ: EDFOUND 212, ONE OF THE FOLLOWING METHODS COURSES (MUSED 437, 438, 439, OR 452) AND PROFESSIONAL ED ADMISSION

MUSED 467  JAZZ PEDAGOGY I  1 Units
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 468  MARCHING BAND TECHNIQUES  1 Units
An intensive study of numerous pedagogical and administrative methods necessary to create and educational marching band experience. Topics include fundamentals of drill design, music selection, comprehensive show planning, teaching methodologies, auxiliary groups, and marching percussion.
PREREQ: MUSC 252 OR CONSENT OF INSTRUCTOR

MUSED 498  INDEPENDENT STUDY  3 Units
Study of a selected topic or topics under the direction of a faculty member.

Department of Art and Design
Housed in one of the best facilities in the state, the Department of Art and Design offers a wide range of courses in four primary areas: Fine Arts, Graphic Design/Media Arts and Game Development, Art Education and Art History.

Emphasis is placed on developing student's 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
General Stipulations
1.  Art majors must meet all College of Arts and Communication requirements for graduation.
   a.  Art majors are advised to meet the General Education elective requirements by selecting a course in an area other than art.
   ARTSTDIO 121, ARTSTDIO 180 and ARTHIST 111 cannot be used for any major program in Art.  (See General Studies.)
2. 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.

3. 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.

4. Students may be required to purchase supplies for art works they create and retain in studio art courses.

5. Art education programs lead to licensure for teaching grades K-12. For Bachelor of Science in Education program, see requirements for admission to the College of Education and Professional Studies. All Art students seeking licensure are advised to consult the Supervisor of Directed Teaching immediately for guidance in planning their program.

Majors/Emphases

Note: Some required courses are taught on an alternating schedule. Majors should see the department chair for projected course offerings.

Foundations Review Stipulations

1. All students seeking a studio or graphic design art major (BA, BSE, BFA) must participate in the Foundations Portfolio Review subject to the following guidelines:
   - a. The Foundations Portfolio Review may include any or all of the following: a portfolio examination, an aptitude test, a written examination.
   - b. The Foundations Portfolio Review for BA, BSE, and BFA fine art studio-emphasis degree-seeking students will occur the semester following their completion of the studio-based core foundations courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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</thead>
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<tr>
<td>ARTSTDIO 102</td>
<td>2-DIMENSIONAL DESIGN</td>
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</tr>
<tr>
<td>ARTSTDIO 103</td>
<td>3-DIMENSIONAL DESIGN</td>
<td>3</td>
</tr>
<tr>
<td>ARTSTDIO 201</td>
<td>DRAWING I</td>
<td>3</td>
</tr>
</tbody>
</table>

   - c. Students seeking the BA or BFA degree with an emphasis in Graphic Design will be directed to utilize ARTSTDIO 287 in lieu of 3-D Design (ARTSTDIO 103) as a component in their Foundations Portfolio Review portfolio submissions.
   - d. The Foundations Portfolio Review must be passed before students will be admitted to 300-level or above studio art courses.
   - e. Students maintaining a 3.3 GPA in the core foundations courses will be waived from the Foundations Portfolio Review.
   - f. 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.
   - g. 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 Faculty Adjudication outcome-based capstone assessment process during the semester of anticipated graduation:
   - a. Students must present a Senior Portfolio of ten (10) works from at least two areas at the Faculty Adjudication. BA-Graphic Design majors must present Graphic Design work as one of the two areas.
   - b. During the Faculty Adjudication event, all Department of Art and Design instructional faculty and staff members will have the opportunity to review each student's ten (10) works. Attention will be paid to the assessment of the student's general understanding and application of concepts, tools and techniques across the programs in the Department.
   - c. Each student will be required to display the faculty-endorsed, select work(s) from their Senior Portfolio as a final component of the Faculty Adjudication process.

B.F.A. Studio Art Degree Stipulations

1. Students seeking a BFA art major must participate in the BFA Entry Review. To participate a student must:
   - a. Complete 12-15 units in studio courses, at least 6 units in 2-dimensional courses and 6 units in 3-dimensional courses.
   - b. Have a minimum 2.75 GPA in Art.
   - c. Application must be made 2 weeks in advance of the review. Reviews are scheduled once each term.
   - d. Student may repeat the review in a subsequent term.

2. After passing the BFA Entry Review, students seeking a BFA art major must participate in the BFA Junior Review. To participate:
   - a. Two terms must elapse after passing the first review.
   - b. To assure adequate development, the student must be completing a minimum of five additional studio courses (15 credits) since passing the BFA Entry Review.
   - c. A 3.00 minimum GPA in upper level Art courses is required.
   - d. 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.

3. BFA Exhibition is required for graduation. The exhibition may be scheduled one term after successfully completing the BFA Junior Review.

Major in Art and Design

- Art (BA) (p. 62)
- Art - Art History Emphasis (BA) (p. 62)
- Art - Fine Arts Emphasis (BFA) (p. 63)
- Art - Fine Arts Graphic Design Emphasis (BFA) (p. 63)
- Art - Fine Arts Licensure Emphasis (BFA) (p. 63)
- Art - Graphic Design Emphasis (BA) (p. 63)
- Art - Licensure Emphasis (BA) (p. 63)
- Art Education (BSE) (p. 63)

Minor in Art and Design

- Art (p. 63)
- Art History (p. 63)
- Art Studio (p. 63)

Art Requirements (BA)

Art - Art History Emphasis Requirements (BA)
Art - Fine Arts Emphasis Requirements (BFA)

Art - Fine Arts Graphic Design Emphasis Requirements (BFA)

Art - Fine Arts Licensure Emphasis Requirements (BFA)

Art - Graphic Design Emphasis Requirements (BA)

Art - Licensure Emphasis Requirements (BA)

Art Education Requirements (BSE)

Art Minor Requirements

Art History Minor Requirements

Art Studio Minor Requirements

Department of Communication

The Department of Communication offers a variety of areas of professional study, including Advertising, Broadcast/Print/Web Journalism, International Journalism, Corporate and Health Communication, Electronic Media, and Public Relations.

Journalism (BA/BS)

The journalism program houses two diverse emphases. Advertising is a constantly changing, fast-paced industry built on creative people and ideas. This emphasis combines art and business, preparing students for an in-demand career that offers fun work and great rewards. Now with social media, the web and mobile apps joining print, radio and television, advertising provides more growth and opportunities than ever before. Career opportunities include Account Manager, Writer/Content Developer, Art Director/Designer, Creative Director, Media Planner/Buyer, Social Media Manager and more. Broadcast/Print/Web Journalism offers a converged media environment where professionals inform the public via print, video, audio, Web, mobile and social media. Students will be prepared for a professional career in an exciting, fast-paced industry where every new day brings new stories and new opportunities. Career opportunities include Reporter, Freelance Correspondent, Newscaster/Sportscaster, Multimedia Producer, Television Host, and more.

Both the Advertising and Broadcast/Print/Web emphases in the Journalism major require a GPA of 2.50 in the major qualifier block, which includes three courses: COMM 110 or COMM 131 plus the first two classes in each respective curriculum.

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-Whitewater and those courses accepted in transfer.

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.

Communication

The communication program offers three diverse emphases. Corporate and Health Communication prepares students to capitalize on advancements in technology and emerging markets as professionals with advanced skills who support organizations through strategic communication both internally and externally. Those who select this area of study will learn to conduct trainings, facilitate outreach, and coordinate presentations and events. Students will acquire leadership and team building skills that they will use to impact the lives of people served by their organizations. A vast array of career options include Patient Advocate, Communication Campaign Specialist, Crisis Communication Manager, Coordinator of Personnel Development, Director of Training and more. Electronic Media offers students the opportunity to prepare for exciting jobs producing television and radio programs, video projects, documentaries or music recordings. Those selecting this emphasis will gain hands-on experience in television, radio and music recording while operating production equipment used in the industry. While developing professional communication skills, students will produce and direct projects for television stations, commercial clients, radio stations, websites, and the recording industry. Career opportunities include Television/Radio Reporter, Anchor, Camera Operator, Video/Audio Editor, Radio/Television Producer and more. Public Relations inspires positive relationships between organizations and the public. Those pursuing this emphasis will prepare for opportunities in event planning, crisis management, message creation, news conference coordination and more. Career possibilities include Strategic Communications Specialist, Social Media Strategist, Account Executive, Event Planner, Press Secretary, Media Relations Manager, and more.

Major/Emphases

All Communication emphases require a GPA of 2.50 in the major qualifier block, which includes three courses: COMM 110 or COMM 131 plus the first two classes in each respective curriculum.

These requirements also 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.

Majors in Communication

- Communication - Corporate and Health Communication Emphasis (BA/BS) (p. 64)
- Communication - Electronic Media Emphasis (BA/BS) (p. 64)
- Communication - Public Relations Emphasis (BA/BS) (p. 64)
- Journalism - Advertising Emphasis (BA/BS) (p. 64)
- Journalism - Broadcast/Print/Web Emphasis (BA/BS) (p. 64)
- Journalism - International Emphasis (BA/BS) (p. 64)
Minors in Communication

• Advertising (p. 64)
• Broadcast/Print/Web (p. 64)
• Communication - Corporate (p. 64)
• Communication - Electronic Media (p. 64)
• Communication - Elementary (p. 64)
• Communication - Public Relations (p. 64)
• Communication - Secondary (p. 64)
• General Communication (p. 64)

Communication - Corporate and Health Communication Emphasis Requirements (BA/BS)

Communication - Electronic Media Emphasis Requirements (BA/BS)

Communication - Public Relations Emphasis Requirements (BA/BS)

Journalism Advertising Emphasis Requirements (BA/BS)

Journalism - Broadcast/Print/Web Emphasis Requirements (BA/BS)

Journalism - International Emphasis Requirements (BA/BS)

Advertising Minor Requirements

Broadcast/Print/Web Minor Requirements

Communication Minor - Corporate Requirements

Communication Minor - Electronic Media Requirements

Communication Minor - Elementary Education Requirements

Communication Minor - Public Relations Requirements

Communication Minor - Secondary Education Requirements

General Communication Minor Requirements

Department of Music

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, composition or musicology, and studio teaching, as well as for the wide range of opportunities that exist in the music field. By completing a minor in Music, students can gain not only personal satisfaction but knowledge and experience that can be of value as they pursue a chosen career. The Music Department also offers elective certificates in Accompanying, Jazz, Music History and Music Theory.

The Department sponsors a variety of performing ensembles, which are open to all university students. Students may enroll in these ensembles and earn General Education credits as well. Vocal groups include the Concert Choir, Chamber Singers, Singing Sirens (Women's Chorale), Meistersingers (Men's Chorus), Vocal Jazz, and Opera Workshop. The Department also collaborates with the Theatre/Dance Department in an annual musical theatre production of an opera, operetta or Broadway musical. Instrumental groups include the Symphonic Wind Ensemble, Whitewater Symphony Orchestra, Chamber Orchestra, Concert Band, Marching Band, University Band, Jazz Ensembles, Alternative Strings Ensemble, Brass Ensembles, Woodwind Choirs, Percussion Ensemble, Jazz Combos, SONICT (new music ensemble), and various chamber groups. All provide rich and varied musical experiences and the opportunity to meet and perform with many talented musicians.

UW-Whitewater Music Department has been fully accredited member of the National Association of Schools of Music since 1977. Prospective music majors may find application materials, audition requirements, and a schedule of audition on the Music Department website at http://www.uww.edu/cac/music.

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 for completion of a music minor.

Waivers

Entering majors or minors may, through the Advanced Placement Examination, be waived from certain Music Theory or Aural Skills courses MUSC 151, MUSC 152, 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, 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 that, due to space limitations, is not printed in the Catalog. Students are responsible for familiarizing themselves with its contents online. The Handbook is updated as policies are added or changed. 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://www.uww.edu/cac/music/students-resources/advising/handbook (http://www.uww.edu/cac/music/students-resources/advising/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, music majors have one Primary Performing Area and it will not change 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, and these lessons include an additional fee above tuition.

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. BM: Music Education: Achieve a grade of B or better on a targeted written assignment (or assignments) for MUSED 437, MUSED 438 or MUSED 452.

2. BM: Performance; Music Theory-Composition, BA: Achieve a grade B or better on a required paper in one of the courses listed below:

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MUSC 436</td>
<td>BAROQUE MUSIC</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 438</td>
<td>MEDIEVAL MUSIC</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 445</td>
<td>RENAISSANCE MUSIC</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 447</td>
<td>MUSIC OF THE CLASSICAL PERIOD</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 448</td>
<td>MUSIC OF THE ROMANTIC PERIOD</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 450</td>
<td>SURVEY OF WORLD MUSICS</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 455</td>
<td>FORM AND ANALYSIS</td>
<td>2</td>
</tr>
<tr>
<td>MUSC 463</td>
<td>MUSIC AFTER 1900</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 464</td>
<td>AMERICAN MUSIC</td>
<td>3</td>
</tr>
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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.

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. Additional policies regarding applied study and recital requirements are found in the Music Department Handbook.

3. For BM (Music Education Choral and General): Completion of MUSC 177 in addition to three terms of MUSC 127 and three terms of MUSC 327 satisfy this requirement. With permission of the department chairperson and the instrumental faculty, MUSC 127 may be substituted for Class Voice.

4. For BM (Music Education Choral and General): Completion of MUSC 177 in addition to three terms of MUSC 127 and three terms of MUSC 327 satisfy this requirement. With permission of the department chairperson and the instrumental faculty, MUSC 127 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), or six terms of large ensembles and two terms of small ensembles. Small ensembles include MUSC 279 and MUSC 271 and opera or musical theatre productions, MUSC 272.

6. For BM (Music Education Instrumental): Wind- or percussion-primary students enroll in four terms to be selected from MUSC 161 and MUSC 162; and two terms of MUSC 169. String-primary students enroll in seven semesters of MUSC 162. 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, MUSC 161, or MUSC 164 with no fewer than 4 terms of Orchestra and/or Symphonic Wind Ensemble. String-primary students enroll in eight terms of MUSC 162. Voice-primary students enroll in eight terms of MUSC 171. Keyboard-primary students enroll in 2 to 4 terms of MUSC 482 or MUSC 383.
Music Requirements (BA)

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, MUSC 161, MUSC 164 or MUSC 169. String-primary students enroll in four terms of MUSC 162. Voice-primary students enroll for four terms of MUSC 171. 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 (Theory and Composition): String-, wind-, percussion-primary students enroll in six terms of MUSC 161 or MUSC 162. Voice-primary students enroll in six terms of MUSC 171. 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, MUSED 452, and its corequisite CIFLD 492 totaling 6 additional units. Students who fail to earn a grade of B- or better in MUSC 177 must enroll for one semester of 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 MUSED 452 and its corequisite CIFLD 492 and MUSC 166 totaling 6 additional units.

Majors in Music

- Music (BA) (p. 66)
- Music - Choral Education Emphasis (BM) (p. 66)
- Music - General Education Emphasis (BM) (p. 66)
- Music - Instrumental Education Emphasis (BM) (p. 66)
- Music - Instrumental Performance Emphasis (BM) (p. 66)
- Music - Keyboard Performance Emphasis (BM) (p. 66)
- Music - Theory Composition Emphasis (BM) (p. 66)
- Music - Vocal Performance Emphasis (BM) (p. 66)

Minor in Music

- Music (p. 66)

Certificates in Music

- Accompanying Certificate (p. 66)
- Jazz (p. 66)
- Music History (p. 66)
- Music Theory (p. 66)

Music Requirements (BA)

Music - Choral Education Emphasis Requirements (BM)

Music - General Education Emphasis Requirements (BM)

Music - Instrumental Education Emphasis Requirements (BM)

Music - Instrumental Performance Emphasis Requirements (BM)

Music - Keyboard Performance Emphasis Requirements (BM)

Music - Theory Composition Emphasis Requirements (BM)

Music - Vocal Performance Emphasis Requirements (BM)

Music Minor Requirements

Accompanying Certificate Requirements

Note: The student must be involved primarily as an accompanist in courses counted under No. 2.

Jazz Certificate Requirements

Music Theory Certificate Requirements

Music History Certificate Requirements

Department of Theatre/Dance

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 University of Wisconsin-Whitewater Theatre/Dance department provides students 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 UW-Whitewater, regardless of their major or minor, are encouraged to participate in theatre and dance productions as performers or as members 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 Center of the Arts 2076.

Practicum Units
Majors in Theatre/Dance
- Theatre (BA) (p. 67)
- Theatre - Design/Technology Emphasis (BFA) (p. 67)
- Theatre - Management/Promotion Emphasis (BFA) (p. 67)
- Theatre - Performance Emphasis (BFA) (p. 67)
- Theatre - Stage Management Emphasis (BFA) (p. 67)
- Theatre Education (BSE) (p. 67)

Minors in Theatre/Dance
- Dance (p. 67)
- Dance - Secondary Education (p. 67)
- Theatre (p. 67)
- Theatre Education (p. 67)

Theatre Requirements (BA)
Theatre - Design/Technology Emphasis Requirements (BFA)

Theatre - Management/Promotion Emphasis Requirements (BFA)
Theatre - Performance Emphasis Requirements (BFA)
Theatre - Stage Management Emphasis Requirements (BFA)
Theatre Education Requirements (BSE)

Dance Minor Requirements
Dance Minor - Secondary Education Requirements
Theatre Minor Requirements
Theatre Education Minor Requirements

Interdepartmental Majors/Emphases and Minors - COAC

The Media Arts and Game Development (MAGD) program brings together talented faculty from the Departments of Art & Design, Communication, Computer Science, Music, and Education. The curriculum includes a cohort of core classes for all students in the program, along with three separate tracks in Communication/Gaming, Media Art, and Technology/Programming that allow students to focus their studies in an area of specialty. The program culminates in a year-long capstone experience that brings students from all three areas back together to create substantial interactive projects in teams.

Students pursue programs of study towards a wide range of careers in web development, motion graphics artist, graphic designer for interactive media, animators, game designers, usability engineers, casual and serious game developers, game producers, interface designers, game level designers, software developers, etc.

Media Arts and Game Development Stipulations
1. MAGD majors must choose an initial track (Media Art, Communication/Gaming, or Technology/Programming) upon entering the program, though these can be changed at any time.
2. MAGD majors must meet all College of Arts of Communication requirements for graduation.
3. MAGD majors are responsible for consulting current advising sheets available in the Department Office of their track (Art & Design, Communication, or Computer Science) and on the MAGD website for explanations and updates in Department and College regulations.
4. Students are limited to three Studio classes per term unless prior approval is given by the student’s advisor, the Art & Design Department chair, the MAGD coordinator, and all faculty teaching those courses.
5. Students taking classes within Media Arts and Game Development may be required to purchase equipment or supplies that they retain to complete courses projects.

**Interdepartmental Majors**
- Media Arts and Game Development - Communication/Gaming Emphasis (BA/BS) (p. 68)
- Media Arts and Game Development - Visual Media Design Emphasis (BA/BS) (p. 68)
- Media Arts and Game Development - Technology Emphasis (BA/BS) (p. 68)
- Individually Designed (p. 68)

**Interdepartmental Minors**
- Arts Management (p. 68)
- Individualized (p. 68)
- Media Arts and Game Development - Communication/Gaming (p. 68)
- Media Arts and Game Development - Technology (p. 68)
- Media Arts and Game Development - Visual Media Design (p. 68)

**Media Arts and Game Development - Communication/Gaming Emphasis Requirements (BA/BS)**

**Media Arts and Game Development - Media Art Emphasis Requirements (BA/BS)**

**Media Arts and Game Development - Technology Emphasis Requirements (BA/BS)**

**Individually Designed Major Requirements - COAC (BA)**

**Arts Management Minor Requirements**

**Individualized Minor Requirements**

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.

**Media Arts and Games Development Minor - Communication/Gaming Requirements**

**Media Arts and Game Development Minor - Technology Requirements**

**Media Arts and Game Development Minor - Visual Media Design Requirements**

**Modules**

**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) COMM 424 [may be taken on campus prior to departure or upon returning to the University of Wisconsin-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.

**Audio Studies**
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. Total units for the module: 9-12 units.

**Modules in the College of Arts and Communication**
- Andean Studies (p. 68)
- Audio Studies (p. 68)

**Andean Studies Module Requirements**

**Audio Studies Module Requirements**
College of Business and Economics

www.uww.edu/cobe

John Chenoweth, Dean
Paul Ambrose, Associate Dean
Ahmad Karim, Associate Dean
Robert Schramm, Assistant Dean
Sara Deschner, Assistant Dean

262-472-1343
busecon@uww.edu

Mission Statement

The University of Wisconsin-Whitewater College of Business and Economics is an inclusive, collaborative and entrepreneurial learning community dedicated to sharing values, knowledge and skills to prepare current and future business professionals to contribute successfully and responsibly in a global business environment.

Our efforts to engage in high-quality instruction, research and professional activities add value by:

- providing an engaging environment for educating undergraduate and graduate students that advances critical thinking, innovative problem-solving, ethical behavior, leadership and a commitment to diversity
- developing and sustaining partnerships with key stakeholders that lead to mutually beneficial opportunities for students, alumni, faculty, businesses and the regional community
- developing and retaining a high-quality faculty whose members strive for excellence, are current in their fields and make scholarly contributions through discipline-based, applied and pedagogical research.

Overview

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.

Department Chairs

Accounting
D’Arcy Becker

Information Technology and Supply Chain Management
Andrew Ciganek

Economics
Jeffery Heinrich

Finance and Business Law
Linda Yu

Management
Jon Werner

Marketing
Jimmy Peltier

Occupational and Environmental Safety and Health
Alvaro Taveira

Bachelor of Business Administration

- Accounting (BBA) (p. 94)
- Business Undecided (p. 98)
- Economics (BBA) (p. 94)
- Entrepreneurship (BBA) (p. 98)
- Finance (BBA) (p. 94)
- Finance - Honors Emphasis (BBA) (p. 94)
- Finance - Insurance Emphasis (BBA) (p. 94)
- Finance - Insurance Honors Emphasis (BBA) (p. 94)
- Finance - Real Estate Emphasis (BBA) (p. 94)
- Finance - Real Estate Honors Emphasis (BBA) (p. 94)
- Finance - Financial Planning Emphasis (BBA) (p. 94)
- Finance - Financial Planning Honors Emphasis (BBA) (p. 94)
- General Business (BBA) (p. 98)
- General Business - Safety and Risk Management Emphasis (BBA) (p. 98)
- General Management (BBA) (p. 96)
- General Management - Healthcare Management Emphasis (BBA) (p. 96)
- General Management - Managing Sports Programs Emphasis (BBA) (p. 96)
- General Management - Nonprofit Management Emphasis (BBA) (p. 96)
- Human Resource Management (BBA) (p. 96)
- Information Technology - Business Analysis Emphasis (BBA) (p. 95)
- Information Technology - Business Analytics Emphasis (BBA) (p. 95)
- Information Technology - Information Technology Emphasis (BBA) (p. 95)
- Information Technology - Networking and Security Emphasis (BBA) (p. 95)
- Integrated Science and Business (BBA) (p. 98)
- Integrated Science and Business - Water Emphasis (BBA) (p. 98)
- International Business (BBA) (p. 98)
- Marketing (BBA) (p. 97)
- Marketing - Digital Marketing Emphasis (BBA) (p. 97)
- Marketing - Experiential and Sports Marketing Emphasis (BBA) (p. 97)
- Marketing - Innovation and Social Enterprises (BBA) (p. 97)
- Marketing - Professional Sales Emphasis (BBA) (p. 97)
- Marketing - Retail Management Emphasis (BBA) (p. 97)
- Supply Chain and Operations Management (BBA) (p. 95)
• Supply Chain and Operations Management - Project Management Emphasis (BBA) (p. 95)

Bachelor of Science

• Occupational Safety (BS) (p. 98)
• Occupational Safety - Construction Safety Emphasis (BS) (p. 98)
• Occupational Safety - Occupational Ergonomics Emphasis (BS) (p. 98)
• Occupational Safety - Environmental Management Emphasis (BS) (p. 98)

Minors

• Accounting (p. 94)
• Business Analytics (p. 95)
• Business Law (p. 94)
• Finance (p. 94)
• Entrepreneurship (p. 96)
• Environmental Management (p. 98)
• General Business (p. 99)
• General Management (p. 96)
• Human Resource Management (p. 96)
• Information Technology (p. 95)
• Integrated Marketing Communication (p. 97)
• International Business (p. 99)
• Marketing (p. 97)
• Marketing Digital Marketing (p. 97)
• Marketing Experiential and Sports (p. 97)
• Marketing Innovation and Social Enterprises (p. 97)
• Marketing Professional Sales (p. 97)
• Nonprofit Management (p. 96)
• Nonprofit Management for Non-Business Majors (p. 96)
• Occupational Safety (p. 98)
• Retail Management (p. 97)
• Supply Chain Management (p. 95)
• Water Business (p. 99)

Certificates

• Business Master’s Bridge (p. 99)
• Corporate Social Responsibility (p. 281)
• Digital Marketing (p. 97)
• Experiential and Sports Marketing (p. 97)
• Innovation and Social Enterprises (p. 97)
• Professional Selling (p. 97)
• Retail Management (p. 97)
• Sales Leadership Development (p. 97)
• Sustainability Management (p. 99)

The College of Business and Economics is proud of its 20+ student organizations which include local chapters of national professional organizations, honorary societies, and clubs. Many of our organizations have been recognized nationally and globally for their excellence. For more information on the CoBE student involvement opportunities, visit http://www.uww.edu/cobe/aboutthecollege/studentorgs (http://www.uww.edu/cobe/aboutthecollege/studentorgs/).

Policy for Admission

Policy for Admission to Upper Division Business Courses in the College of Business and Economics

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 ACCOUNT 249 or ACCOUNT 261, BEINDP 101, ECON 201 and ECON 202, MATH 143, ECON 245, ITSCM 280 and BEINDP 290, 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 during priority registration through the first week of classes each semester. Students are notified when the application is available. Students who have questions concerning admission should contact the College of Business and Economics at 262-472-4900.

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.

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.

1. From 0 to 24 credits, a student must have at least a 2.00 combined cumulative grade point average to declare a business major.
2. From 24 to 72 credits, a student must have at least a 2.50 combined cumulative grade point average to declare a business major.
3. 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.

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/upper/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 Supply Chain Management, Management, Marketing, and Occupational & Environmental Safety & Health (OESH).

Majors are available in accounting, economics, entrepreneurship, finance, general business, management, human resource management, international business, marketing, information technology, supply chain and operations management and integrated science and business. The general business major is administered by the assistant dean. A bachelor of science in occupational and environmental health and safety is also available. Students pursuing majors in accounting, entrepreneurship, finance, general business, information technology, human resource management, international business, general management, marketing, and supply chain 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, management computer systems, data analytics, occupational safety, and environmental management. Students can major in two business areas.

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, Evening, and Weekend (DBA only) 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.

- Master’s Degree Program in Business - University of Wisconsin-Whitewater MBA 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 MPA (Masters of Professional Accountancy) is offered on campus only and is not offered as an evening or online program. 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 Supply Chain Management
- MBA Project Management
- MBA Customized
- MPA Professional Accounting
- MS Applied Economics

American Family:

- MBA Management

Online:

- MBA Finance
- MBA Human Resource Management
- MBA International Business
- MBA IT Management
- MBA Management
- MBA Marketing
- MBA Supply Chain Management
- MBA Project Management
- MBA Customized:
  - MS Environmental Safety and Health (Online only)

Weekend:

- DBA Doctorate of Business Administration

Graduate Certificate Programs - UW-Whitewater:

- Graduate Business Foundations Certificate
- Certificate in Construction Safety
- Certificate in Human Resource Management
- Certificate in Occupational Ergonomics
- Certificate in Project Management

Graduate Certificate Programs - Online:
• Graduate Business Foundations Certificate
• Certificate in Human Resource Management
• Certificate in Project 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.

• 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. All four years of baccalaureate degree work for the Bachelor of Business Administration degree with a major in general business or marketing are available at UW-Whitewater. Special advising is provided.

• 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 (WiCITS), Fiscal and Economic Research Center (FERC), Wisconsin Center for Information Technology Services (Wi-CITS), and Volunteer Income Tax Assistance (VITA) office. In addition, the Water Business Institute and Institute for Sales Excellence are housed in the College of Business and Economics. 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. 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-profit 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/aboutthecollege/businesscenters (http://www.uww.edu/cobe/aboutthecollege/businesscenters/)

Accounting Courses

ACCOUNT 244 INTRODUCTION TO FINANCIAL ACCOUNTING 3 Units
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 balance sheet), and discussions of specific accounting rules at an introductory level.
PREREQ: MATH 139 (OR MATH 142) AND A MINIMUM OF 15 CREDITS COMPLETED AND 2.50 COMBINED CUMULATIVE GPA FOR ACCOUNTING MAJORS; MATH 139 (OR MATH 142) AND A MINIMUM OF 24 CREDITS COMPLETED AND 2.50 COMBINED CUMULATIVE GPA FOR ALL OTHER.

ACCOUNT 249 INTRODUCTION TO MANAGERIAL ACCOUNTING 3 Units
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, LOWER LEVEL BUSINESS REQUIREMENTS, AND 2.50 GPA
UNREQ: ACCOUNT 249 AND ACCOUNT 342

ACCOUNT 250 INTRO TO ACCOUNTING THEORY & FOUNDATIONS 3 Units
This course provides foundational knowledge of the theories, concepts, and skills that drive financial accounting. Topics include the basis for financial accounting standards, the processes organizations use to generate and analyze financial statements, and controls over financial reporting and assets.
PREREQ: ACCOUNT 244; ACCOUNTING OR FINANCE MAJOR; 2.50 COMBINED CUMULATIVE GPA

ACCOUNT 293 ACCOUNTING AND BUSINESS EXPERIENCES Repeatable 1-3 Units
An opportunity to gain credit for hands-on experience in accounting-related work to develop a greater understanding of the overall business environment. Course requires a paid work experience of at least 100 hours; employer feedback and a written report are required.
PREREQ: DECLARED MAJOR IN ACCOUNTING, COMPLETION OF ACCOUNT 244, MINIMUM 2.5 GPA

ACCOUNT 296 SPECIAL STUDIES Repeatable 1-3 Units
Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the accounting major and a maximum of 6 credits in the degree.
PREREQ: ACCOUNTING MAJOR OR FINANCE MAJOR; 2.50 GPA; ACCOUNT 244

ACCOUNT 298 INDEPENDENT STUDIES, LOWER DIVISION Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: MATH 141 AND A 2.50 COMBINED CUMULATIVE GPA AND A MINIMUM OF 15 CREDITS FOR ACCOUNTING MAJORS OR 24 CREDITS COMPLETED FOR NON-ACCOUNTING MAJORS AND CONSENT OF THE INSTRUCTOR
ACCOUNT 341  INTERMEDIATE ACCOUNTING I  3 Units
This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also presents a detailed discussion of the standard-setting process, conceptual framework, accounting cycle, income statement, statement of financial position, and theoretical and practical aspects of the time-value of money in accounting.
PREREQ: ACCOUNT 250 AND A 2.5 COMBINED CUMULATIVE GPA

ACCOUNT 342  INTERMEDIATE ACCOUNTING II  3 Units
This course continues the coverage of financial accounting topics started in ACCOUNT 341, with an emphasis on liabilities, equity, 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 341 AND 2.60 ACCOUNTING MAJOR GPA

ACCOUNT 343  INTERMEDIATE ACCOUNTING III  3 Units
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.
PREREQ: ACCOUNT 341

ACCOUNT 344  INTERMEDIATE ACCOUNTING IV  3 Units
This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also presents a detailed discussion of the standard-setting process, conceptual framework, accounting cycle, income statement, statement of financial position, and theoretical and practical aspects of the time-value of money in accounting.
PREREQ: ACCOUNT 250 AND A 2.5 COMBINED CUMULATIVE GPA

ACCOUNT 345  INCOME TAX E-FILING CLINIC  3 Units
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.
PREREQ: ACCOUNT 341

ACCOUNT 351  INDIVIDUAL TAXATION  3 Units
A study of federal income tax laws with emphasis on the individual taxpayer, particularly of employees and sole proprietors. The study includes a review of current proposals, discussion of practical problems in tax planning and practice in the preparation of tax returns.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 352  BUSINESS TAXATION  3 Units
This course examines federal tax laws that are applicable to corporations and partnerships. In addition, students will explore ancillary tax topics that directly affect the evolving landscape of business taxation.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 353  ACCOUNTING INFORMATION SYSTEMS  3 Units
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 the role of technology on financial reporting and internal control, system analysis and related issues in ethics.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 354  VITA - INCOME TAX E-FILING CLINIC  3 Units
This course provides students a hands on opportunity to prepare federal and state income tax returns that will be electronically filed.
PREREQ: 2.5 COMBINED CUMULATIVE GPA AND INSTRUCTOR CONSENT COREQ: ACCOUNT 351 OR ACCOUNT 352

ACCOUNT 355  COST MANAGEMENT I  3 Units
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.
PREREQ: ACCOUNT 341

ACCOUNT 356  COST MANAGEMENT II  3 Units
This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also 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.
PREREQ: ACCOUNT 341

ACCOUNT 357  SERVICE IN ACCOUNTING  3 Units
This course gives the student the opportunity to meet academic objectives through provision of community service. Students will work with community partners to meet real needs in the community by applying knowledge from their business courses. This course will also give students the opportunity to reflect on the value of these experiences from a community and interpersonal perspective.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 461  ADVANCED ACCOUNTING  3 Units
This course presents an in-depth 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: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA

ACCOUNT 462  ACCOUNTING FOR NONPROFIT ORGANIZATIONS  3 Units
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.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA

ACCOUNT 463  AUDITING  3 Units
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 343 AND 2.6 ACCOUNTING MAJOR GPA AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA

ACCOUNT 464  BUSINESS TAXATION  3 Units
This course continues the coverage of financial accounting topics started in ACCOUNT 341, with an emphasis on liabilities, equity, 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 341 AND 2.60 ACCOUNTING MAJOR GPA

ACCOUNT 465  ACCOUNTING INFORMATION SYSTEMS  3 Units
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 the role of technology on financial reporting and internal control, system analysis and related issues in ethics.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 466  VITA - INCOME TAX E-FILING CLINIC  3 Units
This course provides students a hands on opportunity to prepare federal and state income tax returns that will be electronically filed.
PREREQ: 2.5 COMBINED CUMULATIVE GPA AND INSTRUCTOR CONSENT COREQ: ACCOUNT 351 OR ACCOUNT 352

ACCOUNT 467  COST MANAGEMENT II  3 Units
This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also 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.
PREREQ: ACCOUNT 341

ACCOUNT 468  ACCOUNTING FOR NONPROFIT ORGANIZATIONS  3 Units
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.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA

ACCOUNT 469  BUSINESS TAXATION  3 Units
This course continues the coverage of financial accounting topics started in ACCOUNT 341, with an emphasis on liabilities, equity, 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 341

ACCOUNT 470  ACCOUNTING INFORMATION SYSTEMS  3 Units
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 the role of technology on financial reporting and internal control, system analysis and related issues in ethics.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 471  VITA - INCOME TAX E-FILING CLINIC  3 Units
This course provides students a hands on opportunity to prepare federal and state income tax returns that will be electronically filed.
PREREQ: 2.5 COMBINED CUMULATIVE GPA AND INSTRUCTOR CONSENT COREQ: ACCOUNT 351 OR ACCOUNT 352

ACCOUNT 472  COST MANAGEMENT II  3 Units
This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also 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.
PREREQ: ACCOUNT 341

ACCOUNT 473  ACCOUNTING FOR NONPROFIT ORGANIZATIONS  3 Units
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.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA

ACCOUNT 474  BUSINESS TAXATION  3 Units
This course continues the coverage of financial accounting topics started in ACCOUNT 341, with an emphasis on liabilities, equity, 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 341

ACCOUNT 475  ACCOUNTING INFORMATION SYSTEMS  3 Units
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 the role of technology on financial reporting and internal control, system analysis and related issues in ethics.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 476  VITA - INCOME TAX E-FILING CLINIC  3 Units
This course provides students a hands on opportunity to prepare federal and state income tax returns that will be electronically filed.
PREREQ: 2.5 COMBINED CUMULATIVE GPA AND INSTRUCTOR CONSENT COREQ: ACCOUNT 351 OR ACCOUNT 352

ACCOUNT 477  COST MANAGEMENT II  3 Units
This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also 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.
PREREQ: ACCOUNT 341

ACCOUNT 478  ACCOUNTING FOR NONPROFIT ORGANIZATIONS  3 Units
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.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA
ACCOUNT 490 WORKSHOP  Repeatable  2 Units
Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ACCOUNT 491 TRAVEL STUDY  Repeatable  3 Units
Variable topics. Faculty-led courses abroad.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ACCOUNT 493 INTERNSHIP IN ACCOUNTING  Repeatable  1-6 Units
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.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING GPA (ACCOUNTING COURSES IN THE MAJOR ONLY)

ACCOUNT 496 SPECIAL STUDIES  Repeatable  1-3 Units
Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the accounting major and a maximum of 6 credits in the degree.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ACCOUNT 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable to a maximum of 15 credits.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ACCOUNT 498 INDEPENDENT STUDIES  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: STUDENTS MUST HAVE COMPLETED 60 UNITS AND HAVE COMPLETED ACCOUNT 343 AND HAVE CONSENT OF THE INSTRUCTOR

Bus Econ Interdepartmental Courses
BEINDP 101 BUSINESS AND SOCIETY  3 Units
An introductory business course intended to introduce all business majors to the business professions and the global societal issues that surround business. Curriculum focuses on the College's mission statement of building professional leadership through cultural and diversity awareness, ethical responsiveness, innovative problem solving, and critical thinking.
PREREQ: BUSINESS MAJOR (STUDENTS IN BBA DEGREE) OR OTHER MAJOR OR MINOR FOR WHICH THIS COURSE IS AN OPTION

BEINDP 200 INTRODUCTION TO INTERNATIONAL BUSINESS  3 Units
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 288 CAREER INFORMATION  1 Units
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.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105; AND LOWER DIVISION BUSINESS ENROLLMENT REQUIREMENTS

BEINDP 290 BUSINESS WRITING  2 Units
This course will assist students in transitioning from academic writing to business writing. The course will teach students to effectively analyze communication situations and write business documents that are clear, complete, concise, and courteous. Business grammar, writing mechanics, and document format will be covered.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 AND STUDENTS MUST ACHIEVE 24 CREDITS AND MAINTAIN A 2.50 GPA OR BETTER IN ORDER TO TAKE LOWER DIVISION BUSINESS COURSES.

BEINDP 293 APPLIED BUSINESS BASICS  Repeatable  3-12 Units
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 296 SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 6 credits in major/degree. Consent of instructor required.

BEINDP 298 INDEPENDENT STUDY  1-3 Units
Repeatable for a maximum of 3 credits in major/degree. Department Consent required.

BEINDP 305 HEALTH SERVICES SYSTEMS  3 Units
Healthcare Systems is an overview of the U.S. healthcare system. Emphasis is placed on the function and structure of the system in both the private and public sectors. Federal regulations, e.g. the Affordable Care Act, and the vocabulary necessary to understanding the operation of healthcare system are addressed.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

BEINDP 490 WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques.

BEINDP 491 TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.
ECON 201 PRINCIPLES OF MICROECONOMICS 3 Units
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: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 202 PRINCIPLES OF MACROECONOMICS 3 Units
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 ECONOMICS FOR TEACHERS 3 Units
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 STATUS UNREQ: ECON 201

ECON 245 BUSINESS STATISTICS 3 Units
PREREQ: (MATH 143 OR MATH 152 OR MATH 243 OR MATH 250 OR MATH 253) AND LOWER LEVEL BUSINESS REQUIREMENT
ECON 354  MONEY AND BANKING  3 Units
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 202 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.0 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

ECON 356  PUBLIC FINANCE  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.0 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 357  COMPARATIVE ECONOMIC SYSTEMS  3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 360  GROWTH AND DEVELOPMENT IN THE WORLD ECONOMY  3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 364  THE MICROECONOMICS OF BANKING  3 Units
Understanding and evaluating risk in its various forms is a critical skill in economics. This course will cover institutional details of financial institutions and develop tools to analyze, measure and manage different types of risks associated with these institutions.
PREREQ: ECON 245 AND (MATH 243 OR MATH 250 OR MATH 253) AND (ADMISSION TO UPPER DIV AND 2.50 COMBINED CUM GPA FOR BUSINESS MAJORS) OR (60 UNITS AND 2.00 COMBINED CUM GPA FOR MINORS/NON-BUSINESS MAJORS) NOT OPEN TO FINANCE MAJORS OR FINANCE MINORS

ECON 401  INTERNATIONAL ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.0 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 402  BUSINESS CYCLES  3 Units
PREREQ: ECON 202 AND MATH 243 OR MATH 250 OR MATH 253 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 404  HISTORY OF ECONOMIC THOUGHT  3 Units
A study of the development of economic ideas, with emphasis on classical, neo-classical, socialist, Keynesian and institutional schools of thought.
PREREQ: ECON 202 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 406  INTERNATIONAL FINANCE AND BANKING  3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 413  ADVANCED ECONOMIC ANALYSIS  3 Units
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 202 AND (MATH 243 OR MATH 250 OR MATH 253 OR CONSENT OF INSTR); ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUS MAJORS OR 60 UNITS AND 2.00 COMBINED CUM GPA FOR MINORS/NON-BUSMAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 431 ECONOMICS OF GLOBALIZATION  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 437 MANAGERIAL ECONOMICS  3 Units
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 (FORMERLY 212) AND ECON 245, AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 438 URBAN REGIONAL AND TRANSPORT ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 440 INDUSTRIAL ORGANIZATION AND COMPETITIVE STRATEGIES  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 441 GAME THEORY  3 Units
Game Theory is the study of interactive decision-making that involves more than one person, each of whom is affected by the decisions of others. This course provides an introduction to the tools and insights of Game Theory accompanied by applications in economics, political science, business, and finance.
PREREQ: ECON 201 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 442 ECONOMICS OF HEALTH CARE Repeatable  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 446 ADVANCED ECONOMETRICS  3 Units
Advanced Econometrics introduces students to advanced techniques in modeling. In the course students will study applied methods for model selection, implementation, and inference for cross sectional, time series, and panel data. The major emphasis will be on understanding these models from an intuitive perspective and estimating these using computer programs.
PREREQ: ECON 345 WITH C+ OR BETTER; ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 447 NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 448 ECONOMICS CAPSTONE  3 Units
The Economics Capstone is a course for seniors soon to graduate with an Economics degree. Students will reflect on their previous education and demonstrate proficiency in program learning objectives. Student work will center on the production of a substantial high-quality thesis on a student-chosen topic of economic interest.
PREREQ: ECONOMICS BBA OR BA/BS MAJOR; COMPLETION OF OR CONCURRENT REGISTRATION IN ECON 301, 302, AND 345; SENIOR STATUS; AND CONSENT OF INSTRUCTOR

ECON 490 WORKSHOP Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 493 INTERNSHIP IN ECONOMICS  1-3 Units
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. Instructor Consent required.
PREREQ: ECON MAJORS OR MINORS; ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 494  SEMINAR IN ECONOMICS  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable. Instructor Consent required.
PREREQ: JUNIOR STATUS AND AN ECON MAJOR OR MINOR, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the major or 6 credits in the degree.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

Finance Business Law Courses

FNBSLW 101  PERSONAL FINANCE  3 Units
This course is an introduction to personal finance and consumer education. It includes such topics as: personal and household resources; utilizing sources of consumer information and protection; handling the continuous decisions encountered with personal finance relative to goals; financial analysis; understanding insurance, income taxes, banking & borrowing (credit management); housing operation; and saving & investing.
CROSS-LISTED: FNBSLW 101, FNBSLW 101EX

FNBSLW 341  BUSINESS AND COMMERCIAL LAW  3 Units
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 Commerical Code, government regulation of business, and the ethical and legal rights and duties of individuals and businesses in our society.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 342  ADVANCED BUSINESS AND COMMERCIAL LAW  3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 344  BUSINESS FINANCE  3 Units
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 244; AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 345  INVESTMENTS  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 348  REAL ESTATE  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 360  FINANCIAL INSTITUTIONS  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 370  ENTREPRENEURIAL FINANCIAL MANAGEMENT  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
FNBSLW 387 INVESTMENT OPERATIONS & SECURITIES
REGULATION 3 Units
This course provides investment instruction in operations, trading, markets and regulation. Content directly mirrors the actual FINRA examination. Primary study topics include Understanding Products and Their Risks; Understanding Trading, Customer Accounts, and Prohibited Activities; Knowledge of Capital Markets; and Overview of Regulatory Framework. At the end of the course material, students will be prepared for the FINRA SIE Examination.
PREREQ: FNBSLW 344, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 401 ESSENTIALS OF FINANCIAL PLANNING Repeatable 3 Units
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: FNBSLW 345 CAN BE TAKEN AS EITHER A PREREQ OR COREQ. ADMISSION TO UPPER DIVISION AND A 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 402 ADVANCED RETIREMENT AND FINANCIAL PLANNING 3 Units
This course is an advanced study of the various disciplines in the financial planning industry, specializing in retirement planning for businesses and individuals. Students will further their understanding of the financial services industry through the exploration of the regulatory environment of the practices of financial planning and its integrated disciplines, such as investments and insurance.
PREREQ: FNBSLW 401 AND SENIOR STANDING

FNBSLW 410 MULTINATIONAL BUSINESS FINANCE 3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 420 BANK ADMINISTRATION 3 Units
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, AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 430 FINANCIAL FUTURES AND OPTIONS Repeatable 3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 433 CREDITORS' RIGHTS AND BANKRUPTCY 3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 440 WATER LAW 3 Units
Legal and policy issues related to the allocation and protection of freshwater. The right to surface and ground waters in eastern riparian and 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.
PREREQ: ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 442 ESTATES AND TRUSTS 3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 443 EMPLOYMENT LAW 3 Units
This course is an overview of employment law and ethical issues involving employer-employee relationships. It includes topics such as the evolving rights, duties, and responsibilities that employees and employers have toward each other and the public; labor-management law and relations; occupational safety and health; hiring, employment contracts, accommodation, leave, and termination.
PREREQ: FNBSLW 341 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 444 CORPORATE FINANCIAL MANAGEMENT DECISIONS 3 Units
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 UNITS, RESTRICTED TO STUDENTS WITH MAJOR: FINANCE: WITH AN EMPHASIS IN FINANCE, FINANCIAL PLANNING, INSURANCE, OR REAL ESTATE. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA REQUIRED.
FNBSLW 446 INSURANCE  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 455 CORPORATE GOVERNANCE AND ADMINISTRATIVE LAW  3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 456 SECURITY ANALYSIS  3 Units
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 UNITS, RESTRICTED TO STUDENTS WITH MAJOR: FINANCE; WITH AN EMPHASIS IN FINANCE, FINANCIAL PLANNING, INSURANCE, OR REAL ESTATE. ADMISSION TO UPPER DIVISION AND 2.5 COMBINED CUMULATIVE GPA REQUIRED.

FNBSLW 457 REAL ESTATE DEVELOPMENT  3 Units
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, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 458 REAL ESTATE INVESTMENTS  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

FNBSLW 460 ADVANCED PROPERTY AND CASUALTY INSURANCE  3 Units
Consideration of advanced topics in property and casualty insurance. Among topics 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.
COREQ: FNBSLW 446; PREREQ: ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 464 ADVANCED LIFE AND HEALTH INSURANCE AND PENSIONS  3 Units
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. Instructor Consent required.
COREQ: FNBSLW 446; PREREQ: ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 467 FINANCIAL ANALYSIS WITH BLOOMBERG, MORNINGSTAR AND EXCEL  3 Units
The purpose of this course is to provide students with hands-on experience using Bloomberg and Morningstar data services, financial analysis and modeling in Excel. Course material will include training on Bloomberg and Morningstar tools and functions, and downloading electronic databases into Excel models to perform financial analysis.
PREREQ: FNBSLW 345, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 472 APPLIED INVESTMENTS Repeatable 3 Units
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. PREREQ: ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
FNBSLW 493  INTERNSHIP  Repeatable  1-3 Units
This is an opportunity for a finance student to gain practical experience in a business before graduation. The experience will supplement the students' academic work in preparation for a career in business. Repeatable for a maximum of 3 credits in the major. Department Consent required.
PREREQ: JR STATUS FINANCE, FINANCIAL PLANNING, INSURANCE, OR REAL ESTATE MAJOR, ADMISSION TO UPPER DIVISION BUSINESS COURSES 2.50 FOR BUSINESS MAJORS OR 60 CREDITS 2.00 FOR MINORS/NON-BUSINESS MAJORS WHICH THIS COURSE IS AN OPTION.

FNBSLW 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the major or 6 credits in the degree.
PREREQ: SENIOR STATUS, CONSENT OF DEPARTMENT CHAIR. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

FNBSLW 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable. Maximum of 15 credits. Prerequisite: Consent of department

FNBSLW 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 105  #coolIT  3 Units
This course explores the transformative power of technology through a series of hands-on labs, activities, and lectures. Students will learn about the history of technology, explore Web 2.0, use cutting edge software tools, and gain insight into today's disruptive technologies. This class is appropriate for all levels of technology experience.

ITSCM 180  INTRODUCTION TO PROGRAMMING FOR BUSINESS APPLICATIONS  3 Units
This course introduces the essentials of object-oriented programming for business application. Students will learn programming fundamentals, object-oriented design, file i/o, and fundamental data structures within the context of building tools for business end-users. Topics related to the business environment, such as eliciting software requirements and effective technical communication are also covered.
PREREQ: BUSINESS MAJOR (STUDENTS IN BBA DEGREE) OR OTHER MAJOR OR MINOR FOR WHICH THIS COURSE IS AN OPTION

ITSCM 221  INFORMATION TECHNOLOGY INFRASTRUCTURE  3 Units
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 MAJOR, 2.50 COMBINED CUMULATIVE GPA AND 24 CREDITS OR FOR ALL OTHER MAJORS, 2.00 GPA AND 24 CREDITS

ITSCM 230  INTRODUCTION TO BUSINESS ANALYTICS  3 Units
Business Analytics (BA) is the process of developing actionable decisions or recommendations for actions based on insights generated from data. This course will provide students with an understanding of: the basic concepts of BA; the role of BA in today's organizations and its relationship to business intelligence; and the basic methodologies, systems, and tools that support BA.
PREREQ: BUSINESS MAJOR, 2.50 COMBINED CUMULATIVE GPA AND 24 CREDITS OR FOR ALL OTHER MAJORS, 2.00 GPA AND 24 CREDITS.

ITSCM 280  INTRODUCTION TO INFORMATION SYSTEMS  3 Units
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 AND 2.50 COMBINED CUMULATIVE GPA OR PUBLIC POLICY MAJOR

ITSCM 285  BUSINESS WEB APPLICATION DESIGN  3 Units
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: SOPHOMORE STATUS LOWER LEVEL BUSINESS REQUIREMENTS

ITSCM 306  OPERATIONS MANAGEMENT  3 Units
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 152 OR MATH 243 OR MATH 250 OR MATH 253 AND ECON 245; ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 310  ENTERPRISE SYSTEMS & BUSINESS PROCESS INTEGRATION  3 Units
This course introduces students to enterprise/ERP systems and their importance for business process integration. Managerial and technical issues in planning, designing, and implementing such systems are also discussed. Students have the opportunity of practicing course concepts in an industry used ERP system.
PREREQ: ITSCM 280; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 314  DATABASE DESIGN AND ADMINISTRATION  3 Units
This course teaches students how to analyze, design and implement a computerized database. It further teaches students how to use a database to answer questions and support analyses. Students learn the basics of administering a database including providing security, performance tuning, backup and recovery, and other administrative tasks.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ITSCM 315 ACCESSIBILITY IN HIGH TECH PRODUCTS AND SYSTEMS 3 Units
The course explores the notion of "accessibility" in products and services in context of its legal, technical, and organizational dimensions. It provides immersion in team design and development efforts and related business plan approaches. It equips students to evaluate and promote efforts pertaining to accessible and inclusive high technology.
PREREQ: SOPHOMORE STATUS, SPECED 201 OR SOCIOLGY 315 OR POLISCI 331

ITSCM 320 BUSINESS ANALYSIS 3 Units
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: ITSCM 280 AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 331 SYSTEM ADMINISTRATION 3 Units
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: ITSCM 180 AND ITSCM 221; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 332 NETWORK MANAGEMENT 3 Units
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: ITSCM 180 AND ITSCM 221; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 382 VISUALIZATION, INFOGRAPHICS, AND TECHNICAL DOCUMENTATION 3 Units
The course explores data visualization, infographic design, and information presentation methods and technologies, along with technical documentation basics. It equips students to produce and critically evaluate visualization, presentation, and documentation efforts in high-technology contexts. Students are immersed in team design and development as well as case studies of organizational initiatives.
PREREQ: ITSCM 280; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 384 DATA MINING FOR BUSINESS ANALYTICS 3 Units
This course provides an introduction to the major methods used in the data mining of quantified data including data warehouses and data marts to support business analytics. Students will learn and apply an understanding of classification, association and prediction methods. The role of understanding the data in the context of the organization and its environment will be examined.
PREREQ: ITSCM 180 AND ITSCM 230; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 385 AGILE PROJECT MANAGEMENT 3 Units
This course is designed to allow students from all disciplines to understand how to manage agile 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 agile PM is covered using live cases and examples.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 414 MINING UNSTRUCTURED DATA 3 Units
This course provides an overview of methods used to extract meaning from computer captured data sources beyond the traditional data warehouse. This would include: text mining, web site mining, click stream analysis, social media, external data sources and emerging areas such as mining of photos and sound.
PREREQ: ITSCM 180 AND ITSCM 230; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUM GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 444 IT SECURITY ANALYTICS 3 Units
Security analytics is imperative to provide traceable and accurate data that IT and security professionals can analyze and present to management for making informed decisions related to the organization’s cyber risk. This course introduces security analytics as a platform that is built on data infrastructure to converge user identity, security information and event management, network data flow, and diverse applications.
PREREQ: ITSCM 180, ITSCM 221, ECON 245, ITSCM 314, ITSCM 380; ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ITSCM 445  QUALITY MANAGEMENT  3 Units
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: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 450  OPERATIONS PLANNING  3 Units
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: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 451  MANAGING INFORMATION TECHNOLOGY SERVICES  3 Units
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: ITSCM 221, ITSCM 314, ITSCM 320, AND ITSCM 385; SENIOR STANDING; ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS AND 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 452  INFORMATION ASSURANCE AND SECURITY  3 Units
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: ITSCM 331 AND ITSCM 332 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 455  LEAN SIX SIGMA: TOOLS AND TECHNIQUES  3 Units
This course is designed for students from all disciplines to develop a basic understanding of Lean and Six Sigma tools and techniques used to improve organizational efficiency. Topics include inventory replenishment systems, process and product design techniques, and continuous improvement tools and techniques. The course's tools and techniques are applicable across all areas of a business.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 456  GLOBAL SUPPLY CHAIN MANAGEMENT  3 Units
The course uses a supply chain management framework to study flow of material through global enterprises. The course focuses on sourcing, facility location, production, and distribution of products in a global environment. Specifically, topics include supply chain metrics, supply chain drivers, supply chain risks, and network design/coordination.
PREREQ: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 457  SUPPLY CHAIN INTEGRATION AND REVIEW  1 Units
In this course students will understand and integrate a body of knowledge related to international supply chain management, metrics, mitigation methods for risk/uncertainty, scheduling and planning, strategic/master planning of resources, customer and supplier relations management and quality and lean manufacturing.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 460  TRADITIONAL PROJECT MANAGEMENT  3 Units
This course is designed for students from all disciplines to develop a basic understanding of traditional project management. Topics will include planning, scheduling, budget and resource allocation, quality and control, risk management, and stakeholder communication and management. The course is aligned with the PMBOK® Guide. This course may require visiting/working with local firms in setting up such systems.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 462  PURCHASING MANAGEMENT  3 Units
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: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 465  GLOBAL OPERATIONS STRATEGY  3 Units
A study of the integration of operations planning, management, and control to create effective operation 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.
PREREQ: ITSCM 306; ADMISSION TO THE COLLEGE AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.
**ITSCM 466  SERVICE AND SUSTAINABLE OPERATIONS  3 Units**

Students learn about the problems facing service industries, which are compared and contrasted with manufacturing. Students also become familiar with the numerous tools for increasing environmental, financial, and social sustainability throughout supply chains, including suppliers, internal operations, transportation, facilities, customer use, and disposal. These tools include life cycle analysis, project management, design for the environment, and industrial ecology.

**PREREQ:** ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

**ITSCM 471  INTRODUCTION TO SUPPLY CHAIN ANALYTICS  3 Units**

Theory and application of quantitative analytic methods used in operations and supply chain decision situations. Topics include model building, decision theory, deterministic and probabilistic problems, simulation, linear, discrete, non-linear, and dynamic programming.

**PREREQ:** ITSCM 306

**ITSCM 480  MANAGEMENT INFORMATION SYSTEMS  3 Units**

Study of the "total systems" concept. Understanding of an integrated information system, employing a computer and data processing equipment for use by management for planning and control purposes. Analysis of actual information systems used in industry and the government. This course may not be used to satisfy Management Computer Systems major requirements.

**PREREQ:** 75 CREDITS TOWARD DEGREE, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

**ITSCM 485  PROJECT Repeatable  1-3 Units**

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.

**ITSCM 490  WORKSHOP Repeatable  1-3 Units**

Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable. Consent of Instructor required.

**PREREQ:** ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

**ITSCM 491  TRAVEL STUDY Repeatable  3 Units**

Variable topics. Faculty-led courses abroad.

**ITSCM 493  IT INTERNSHIP Repeatable  3 Units**

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 IT faculty and fellow students.

**PREREQ:** ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.0 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THE COURSE IS AN OPTION

**ITSCM 493S  SUPPLY CHAIN MANAGEMENT INTERNSHIP  3 Units**

This course is a structured-supervised work experience within the area of Supply Chain Management. The internship experience offers the student an opportunity to merge supply chain metrics, scheduling/planning, strategic/master planning, supplier/buyer relations, and/or quality & lean concepts with real-world activities in business, government or the non-profit sector.

**PREREQ:** ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.0 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THE COURSE IS AN OPTION

**ITSCM 495  EMERGING TECHNOLOGIES  3 Units**

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:** ITSCM 331 AND ITSCM 332 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

**ITSCM 496  SPECIAL STUDIES Repeatable  1-3 Units**

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

**PREREQ:** ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

**ITSCM 497  EXCHANGE STUDY Repeatable  1-12 Units**

Variable topics. Repeatable to a maximum of 15 credits.

**ITSCM 498  INDEPENDENT STUDIES Repeatable  1-3 Units**

Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major/degree.

**PREREQ:** SENIOR STATUS, Consent of Department Chair. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

**Management Courses**

**MANGEMNT 201  INTRODUCTION TO ENTREPRENEURSHIP  3 Units**

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:** SOPHOMORE STATUS AND 2.50 COMBINED CUMULATIVE GPA
MANGEMNT 293E COOPERATIVE/INTERNSHIP IN ENTREPRENEURSHIP  Repeatable 1-3 Units
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.
PREREQ: STUDENTS MUST ACHIEVE 24 CREDITS AND MAINTAIN A 2.50 GPA OR BETTER IN ORDER TO TAKE LOWER DIVISION BUSINESS COURSES.

MANGEMNT 298E INDEPENDENT STUDY IN ENTREPRENEURSHIP  Repeatable 1-3 Units
Repeatable for a maximum of 3 credits in major/degree. Department Consent required.
PREREQ: STUDENTS MUST ACHIEVE 24 CREDITS AND MAINTAIN A 2.50 GPA OR BETTER IN ORDER TO TAKE LOWER DIVISION BUSINESS COURSES.

MANGEMNT 301 ORGANIZATIONAL BEHAVIOR  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 310 ORGANIZATION AND MANAGEMENT  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 320 HUMAN RESOURCE MANAGEMENT  3 Units
A study of employee relations from the standpoint of the business firm, including recruitment, selection, placement, training, promotion, discipline, compensation, records, and employee services.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
UNREQ: MANGEMNT 320 AND POLISCI 421

MANGEMNT 321 ENTREPRENEURIAL FAMILY BUSINESSES  3 Units
This course will provide insights into the impact of family businesses on the U.S. economy and critical elements to creating, managing and sustaining multi-generational, entrepreneurial family businesses. Core content exploring advantages and challenges faced by entrepreneurial family businesses will include dynamics of: conflict, negotiation, communication and teamwork, comprehensive strategic planning, effective governance mechanisms and succession planning for entrepreneurial family businesses.
PREREQ: MANGEMNT 201 AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 355 NEGOTIATION STRATEGIES  3 Units
This course will emphasize applied negotiation strategies. By completing several negotiation and conflict management simulations and role-playing exercises throughout the semester, the students will gain a broad knowledge of the central concepts in negotiation and conflict management, and develop a toolkit of useful negotiation skills, strategies, and approaches.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 364 SUSTAINABILITY MANAGEMENT  3 Units
This course provides concepts and methodologies to help businesses manage their operations so that results are sustainable, economically, for people and for the environment. Topics include sustainability goals and controversies inherent to sustainability efforts, organizational and institutional responses, stakeholder analysis, realigning supply chains, and measuring sustainability.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 366 BUSINESS ETHICS & SOCIAL RESPONSIBILITY  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 369 LEADERSHIP IN MANAGEMENT  3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.
MANGEMNT 370  FOUNDATIONS OF NONPROFIT AND NONGOVERNMENTAL ORGANIZATIONS  3 Units
This course introduces the student to nonprofit and nongovernmental organizations and the charitable sector, with emphasis on the U.S. Topics include the scope and historical development of the sector, the theoretical basis for understanding the sector, philanthropic values, and regulatory and resource constraints.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS

MANGEMNT 371  FUNDRAISING FOR CHARITIES  3 Units
This course is a broad introduction to the theories and practices of charitable fundraising. We discuss the fundraising tradition in the U.S., philosophies of giving and asking, theories of donor motivation, and the organizational, legal, and ethical contexts of charitable fundraising. Students are introduced to and gain practice using basic fundraising tools and develop a fundraising plan.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 379  MANAGING VOLUNTEER RESOURCES  3 Units
The effective management of volunteer resources is essential to a nonprofit organization's mission and performance. This course introduces students to theories, research and practice for managing volunteers and paid staff in resource-dependent organizations. The course explores methods of building a human resource infrastructure, developing a strategic HR approach, and challenges in nonprofit HR practice.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 380  BUILDING ENTREPRENEURIAL ORGANIZATIONS  3 Units
This course addresses the key legal, human resource, organizational and regulatory issues associated with starting, scaling, managing, and transitioning new ventures and provides an overview of solutions for responding to them. Attention will be given to critical tasks that must be accomplished for operational and economic success during the discovery, validation and scaling stages of new ventures.
PREREQ: MANGEMNT 201 AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 386  ENTREPRENEURSHIP: BUSINESS FEASIBILITY  3 Units
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. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMB GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 410  INTERNATIONAL MANAGEMENT  3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 419  ORGANIZATIONAL DEVELOPMENT AND CHANGE  3 Units
A study of classical and modern organization development and change in theory and practice. Relationships among theory, design and behavior variables and organizational effectiveness are examined.
PREREQ: MANGEMNT 301 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 425  COMPENSATION MANAGEMENT  3 Units
A detailed study of job analysis, methods of job evaluation, performance appraisal, community wage survey, basic systems and plans of compensating employees, and fringe benefits.
PREREQ: MANGEMNT 320 OR POLISCI 421 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 426  STAFFING  3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MANGEMNT 428  TRAINING AND DEVELOPMENT  3 Units
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 STATUS, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 429  EMPLOYEE BENEFITS  3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 430  LABOR-MANAGEMENT RELATIONS  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 478  SEMINAR IN HUMAN RESOURCES  3 Units
A capstone course required of students in Personnel/Human Resources Management. The course will integrate HR subject matter areas through empirical research. Students will utilize their academic preparation, analytical skills, and communication skills to develop a proposal and prepare a research report.
PREREQ: MANGEMNT 320 OR POLISCI 421 (PUBLIC POLICY MAJORS), HR MAJOR OR MINOR AT LEAST 6 UNITS FROM: MANGEMNT 425, MANGEMNT 426, MANGEMNT 428, MANGEMNT 429, MANGEMNT 430, ADMISSION TO UPPER DIVISION 2.5 GPA FOR BUS MAJ, 2.0 AND 60 UNITS FOR HR MIN.

MANGEMNT 485  PROFESSIONAL SERVICES ENTREPRENEURSHIP  3 Units
This course exposes students to some of the opportunities and challenges inherent in starting and managing a professional services consulting organization by providing an opportunity to work with small, growth-oriented companies. Students will engage in consulting projects with firms while being exposed to speakers, readings and professional practice materials pertaining to professionals who provide consulting advice to new firms.
PREREQ: (MANGEMNT 201 MARKETING 311) OR FNBSLW 344 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 486  SUPERVISORY MANAGEMENT  3 Units
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 CREDITS AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 487  ENTREPRENEURSHIP NEW VENTURES  3 Units
This course concentrates on how new businesses are started and includes 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. The writing of business plans and the acquisition of resources is included.
PREREQ: MANGEMNT 201 AND (MANGEMNT 321 OR MANGEMNT 380) AND MANGEMNT 485 AND (MARKETING 400 OR MARKETING 312) AND MARKETING 360 AND FNBSLW 370. ONE OF THE COURSES MAY BE REPLACED BY INSTRUCTOR CONSENT. UNREQ: MANGEMNT 386.

MANGEMNT 489  STRATEGIC MANAGEMENT  3 Units
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: SENIOR STANDING, COMPLETION OF COMMUNITY SERVICE REQUIREMENT, COMPLETION OF MANGEMNT 301, ITSCM 306, FNBSLW 341, FNBSLW 344; MARKETING 311. ADMISSION TO UPPER DIVISION AND 2.5 GPA OR 2.0 GPA AND 60 UNITS FOR MINORS/NON-BUSINESS MAJORS.

MANGEMNT 490  WORKSHOP  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques.

MANGEMNT 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable for a maximum of 5 credits in major/degree. Department Consent required.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 493  COOPERATIVE/INTERNSHIP IN MANAGEMENT  Repeatable  2-3 Units
This course is a constructed-supervised work experience within the major area of concentration of the student. The internship experience offers the student an opportunity to merge with actual day-to-day activity in business. No more than 5 credits will apply toward graduation. Repeatable for a maximum of 5 credits in major/degree. Department Consent required.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.
MANGEMNT 496 SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 6 credits in major/degree. Consent of instructor required.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 498 INDEPENDENT STUDY  Repeatable  1-3 Units
Repeatable for a maximum of 3 credits in major/degree. Department Consent required.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

Marketing Courses

MARKETNG 311 PRINCIPLES OF MARKETING  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 312 PRINCIPLES OF SELLING  3 Units
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: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 321 MARKETING RESEARCH  3 Units
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, AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 322 ADVANCED DIGITAL MARKETING  3 Units
Digital marketing allows marketers to deliver relevant communications in today's digital world. Strategies behind effective digital marketing efforts are explored with a focus on understanding digital analytics and developing digital content. Emphasis is placed on search engine marketing and digital advertising strategies including SEO and paid search. Developing and implementing a search engine marketing campaign provides hands-on experience.
PREREQ: MARKETNG 311 AND 351, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 337 RETAIL MANAGEMENT  3 Units
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, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 350 INTEGRATED MARKETING COMMUNICATIONS FOR SOCIAL ENTERPRISES  3 Units
Marketing and communications concepts related to planning, implementing, and evaluating integrated marketing communications programs for social enterprises.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 351 INTRODUCTION TO DIGITAL MARKETING  3 Units
Technological changes and the "always connected" consumer have forced marketers to evolve. The basics of emerging digital marketing media and related techniques for reaching online consumers across multiple devices including desktop and mobile are covered. Additionally, the course explores digital marketing's transformative impact on traditional marketing practices and examines digital segmentation, digital marketing around the globe, digital divide, digital privacy, and digital analytics.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 352 SOCIAL MEDIA AND CONTENT MARKETING  3 Units
Social media is rapidly changing the marketing landscape. Marketers who previously relied on mass media to broadcast messages are faced with the challenge of interacting with digitally empowered consumers. This course explores the impact of social media and other communications technologies on marketing strategy, marketing communications, and marketing research.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 353 ADVANCED DIGITAL MARKETING  3 Units
Digital marketing allows marketers to deliver relevant communications in today's digital world. Strategies behind effective digital marketing efforts are explored with a focus on understanding digital analytics and developing digital content. Emphasis is placed on search engine marketing and digital advertising strategies including SEO and paid search. Developing and implementing a search engine marketing campaign provides hands-on experience.
PREREQ: MARKETNG 311 AND 351, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MARKETING 360  ENTREPRENEURIAL MARKETING  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 361  INTERNATIONAL MARKETING  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 370  EXPERIENTIAL MARKETING  3 Units
Experiential Marketing explores the unique characteristics and strategic approach to creating and marketing immersive customer experiences around brands, events, and other in-person programs. The course utilizes an experiential learning approach to explore marketing activities that create and promote engaging experiences that strengthen customers' relationships with brands, events, and sponsors.
PREREQ: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 371  SPORTS MARKETING  3 Units
Sports Marketing examines marketing strategies used by sports brands to attract and retain fans. Detailed consideration is given to sports as a product and service and managing the development, positioning, and promotion of sports brands. Students will develop a sports marketing plan aligning marketing strategy, sponsorship, and growth strategies.
PREREQ: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 372  SERVICES MARKETING  3 Units
Investigates the nature and scope of services and how they are marketed compared to products. Emphasis is given to developing marketing mix strategies to acquire, grow, and retain a loyal customer base. Services marketing is examined in a variety of experiential contexts, including sports, tourism, entertainment, and related industries.
PREREQ: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 400  INNOVATION AND TECHNOLOGY MARKETING  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 412  BUSINESS TO BUSINESS MARKETING  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 420  CONSUMER BEHAVIOR  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 431  SALES MANAGEMENT  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 442  LOGISTICS  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 444  OMNICHANNEL MARKETING  3 Units
Introduction to omnichannel marketing, including direct mail, lead generation, circulation, loyalty programs, store traffic building, fundraising, pre-selling, post-selling, and research. The interactive nature of omnichannel marketing initiatives that use one or more media to generate a traceable and measurable response from the target audience is emphasized.
PREREQ: MARKETING 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MARKETNG 445  MARKETING ANALYTICS AND ARTIFICIAL INTELLIGENCE  3 Units
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 is used to design and implement marketing strategies. Special attention will be devoted to the application of marketing analytics and artificial intelligence to marketing strategy.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 450  SALES NEGOTIATION AND CONFLICT RESOLUTION  3 Units
A combination of art and science, negotiation involves securing agreement between interdependent parties. Topics include analyzing and assessing negotiation scenarios, preparing for a negotiation, power and influence strategies, coalitions, and managing conflict. Role-playing, as a key component of the class, offers students the opportunity to develop their negotiating skills.
PREREQ: MARKETNG 311, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 460  ENTREPRENEURIAL AND ADVANCED SALES TECHNIQUES  3 Units
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 312 AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 465  SALES TEAM PRACTICUM  3 Units
The Sales Team Practicum is designed for students seeking an Emphasis in Professional Sales, a Marketing Minor in Professional Sales, or a Professional Selling Certificate. Students will prepare for participation in regional and International Sales Competitions, plus two internal Competitions. Students will be mentored by marketing faculty in the sales curriculum, experienced student coaches, and business sales professionals.
PREREQ: MARKETNG 312 AND EMPHASIS IN PRO SALES, MARKETING MINOR IN PRO SALES, OR PRO SELLING CERT AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 CUM GPA FOR BUS MAJORS OR 60 UNITS AND 2.00 CUM GPA FOR MINORS/NON-BUS MAJORS

MARKETNG 479  MARKETING MANAGEMENT AND POLICIES  3 Units
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 MARKETNG 321, SENIOR STATUS, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 491  TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 493  INTERNSHIP IN MARKETING Repeatable  3 Units
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: MARKETNG 311, JUNIOR STATUS, CONSENT OF INSTRUCTOR AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 UNITS 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 493D  INTERNSHIP IN MARKETING - DIGITAL MARKETING EMPHASIS  3 Units
Structured-supervised work experience for students interested in a Digital Marketing 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, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 493E  INTERNSHIP IN MARKETING - ENTREPRENEURIAL MARKETING EMPHASIS  3 Units
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, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 493I  INTERNSHIP IN MARKETING - IMC EMPHASIS  3 Units
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, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MARKETING 493S  INTERNSHIP IN MARKETING - SALES EMPHASIS  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 493R  INTERNSHIP IN MARKETING-RETAIL MANAGEMENT EMPHASIS  3 Units
This course is structured-supervised work experinence within the retail management 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: MARKETING 311, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 493ES  INTERNSHIP IN MARKETING - EXPERIENTIAL AND SPORTS EMPHASIS  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 494  MARKETING SEMINAR  3 Units
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. Department Consent Required.
PREREQ: SENIOR STATUS, CONSENT OF DEPARTMENT CHAIR, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

MARKETING 496  SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 497  EXCHANGE STUDY Repeatable  1-12 Units
Variable topics.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 498  INDEPENDENT STUDY IN MARKETING  1-3 Units
Study of a selected topic or topics under the direction of a faculty member.
PREREQ: SENIOR STATUS AND CONSENT OF DEPARTMENT AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

Safety-Occ and Env Sfty Hlth Courses

SAFETY 201  PERSONAL AND PUBLIC SAFETY  3 Units
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  3 Units
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 375  QUALITY IMPROVEMENT AND PATIENT SAFETY  3 Units
This course is an introduction to quality improvement theories and patient safety principles in the current health care environment. Topics addressed include leadership, organizational change, management and process improvement. Specifically, strategies for creating a high performance culture and infrastructure needed to support patient safety and quality improvement initiatives will be emphasized.

SAFETY 380  INTRODUCTION TO OCCUPATIONAL SAFETY & HEALTH  3 Units
Students will review case studies of historical events, investigate professional OSH organizations, and learn to utilize OSH regulatory and consensus standards websites as an introduction to the basic practice of hazard identification and assessment, control strategies, and basic safety program development.

SAFETY 381  MOTOR FLEET SAFETY  3 Units
An analysis of fleet safety programs and programs. Detailed study of the truck transportation industry, motor carrier responsibilities, federal regulations and safety supervision programs.
PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR

SAFETY 382  SAFETY IN THE CONSTRUCTION INDUSTRY  3 Units
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  INTRODUCTION TO SECURITY  3 Units
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  CONSTRUCTION ACCIDENT PREVENTION  3 Units
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 OR SAFETY 582 OR CONSENT OF INSTRUCTOR

SAFETY 388  OCCUPATIONAL SAFETY & HEALTH STANDARDS AND APPLICATIONS  3 Units
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

SAFETY 420  PRINCIPLES OF ENVIRONMENTAL MANAGEMENT  3 Units
This course addresses the U.S. Environmental Protection Agency (and Wisconsin Department of Natural Resources) regulations and the related management responsibilities of safety, environmental and/or business professionals to ensure compliance with environmental requirements. Areas to be covered: compliance, management systems, managing emissions, waste, discharges, spills & remediation, environmental audits & site assessments, sustainability, ethics, etc.

SAFETY 450  BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION  3 Units
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 Units
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.

SAFETY 468  ERGONOMICS  3 Units
Study of human capabilities and limitations (physical, perceptual and cognitive) as the basis for improving human interactions with products, workstations and jobs. Review of human anatomical, physiological, perceptual and psychomotor characteristics applied to human-machine systems to enhance worker comfort, safety, health and productivity.

SAFETY 471  APPLIED METHODS IN ERGONOMICS  3 Units
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/SAFETY 688 OR CONSENT OF INSTRUCTOR

SAFETY 472  ADVANCED INDUSTRIAL ERGONOMICS  3 Units
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/SAFETY 671 OR CONSENT OF INSTRUCTOR

SAFETY 474  FACILITY WATER MANAGEMENT  3 Units
This course will cover water related topics from a facility point of view. Topics to be covered are basic water ecology, drinking water sources, water quality monitoring, facility level water management, facility and municipal level wastewater treatment, basic water related public health issues, stormwater management, and water related regulatory compliance. PREREQ: CHEM 102

SAFETY 479  PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE  5 Units
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 OR CHEM 112), PHYSCS 130 AND MAJOR GPA OF 2.50

SAFETY 481  ANALYSIS AND DESIGN FOR SAFETY IN INDUSTRIAL OPERATIONS  3 Units
The course reviews interpretations and applications of occupational safety and health standards. Emphasis is placed on local, state, federal and trade standards to numerous applications including materials handling, machine guarding, metalworking, electrical hazards, and flammable 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 388, SAFETY 468, AND MAJOR GPA OF 2.5 FOR SAFETY MAJORS, COREQ: SAFETY 479

SAFETY 482  CONSTRUCTION SAFETY MANAGEMENT  3 Units
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 OR SAFETY 584

SAFETY 483  OCCUPATIONAL SAFETY MANAGEMENT  3 Units
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 388 OR CONSENT OF INSTRUCTOR, ONE SEMESTER OF COLLEGE STATISTICS, AND MAJOR GPA OF 2.50

SAFETY 485  FIRE PROTECTION/PREVENTION  3 Units
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 PRODUCT SAFETY 3 Units
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 489 HAZARDOUS MATERIALS MANAGEMENT 3 Units
This course provides a framework for understanding the nature of hazardous materials and how the risks from such materials may be reduced. The focus is on the properties and characteristics of hazardous materials and the life cycle of hazardous materials (manufacturing/ importing, use, storage, transportation, disposal and remediation); emphasizing hazardous material minimization and the best practices of using and handling hazardous materials based on their properties and characteristics.
PREREQ: CHEM 102, AND CHEM 112 OR CHEM 104; OR ONE YEAR OF GENERAL COLLEGE CHEMISTRY; OR CONSENT OF INSTRUCTOR

SAFETY 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

SAFETY 491 TRAVEL STUDY Repeatable 3 Units
Variable topics. Faculty-led courses abroad.

SAFETY 492 FIELDWORK INTERNSHIP IN SAFETY 12 Units
Offered on a satisfactory/no credit grade basis only. Students are required to secure their own internships. Hosting organizations must have a safety supervisor on-site, and the majority of internship activities be safety-related. Internships need to be pre-approved by the OESH coordinator. Students will be supervised by the organization’s safety manager and an OESH instructor. Interns will document their field experiences.
PREREQ: CONSENT OF COORDINATOR OF FIELD EXPERIENCES, SUCCESSFUL COMPLETION OF ALL DEGREE COURSEWORK WITH A MAJOR GPA OF 2.50 OR HIGHER, AND COMPLETION OF THE COMMUNITY SERVICE REQUIREMENT.

SAFETY 493 AIR POLLUTION EVALUATION AND CONTROL 3 Units
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: CHEM 102 AND PHYSCS 130 OR CONSENT OF INSTRUCTOR

SAFETY 496 SPECIAL STUDIES Repeatable 1-3 Units
A course which offers study in special topics in safety which are not regularly included in the curriculum.

SAFETY 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics

SAFETY 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. May be taken for a maximum of 3 units in major/degree.
PREREQ: CONSENT OF INSTRUCTOR AND JUNIOR STATUS AND OCCUPATIONAL SAFETY MAJOR OR MINOR

Integrated Science-Business Courses
SCIBUS 185 INTRO TO INTEGRATED SCIENCE AND BUSINESS 1 Units
An introduction to Integrated Science and Business, career tracks and career opportunities. This course will feature a program overview plus seminars and readings on different senior level projects integrating science and business. Professional skills, identification of career tracks, and scientific and business communication will be emphasized. One hour lecture per week.

SCIBUS 485 INTEGRATED SCIENCE-BUSINESS SENIOR PROJECT 3 Units
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, 2.50 GPA FOR BUSINESS MAJORS AND SCIBUS 493 (ISB INTERNSHIP) OR CONSENT OF INSTRUCTOR. CROSS-LISTED: SCIBUS 485 AND BEINDP 485

SCIBUS 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

SCIBUS 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

SCIBUS 493 SCIENCE-BUSINESS INTERNSHIP 3 Units
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, 2.5 GPA, AND AT LEAST 30 CREDITS TOWARD MAJOR CROSS-LISTED: SCIBUS 493 AND BEINDP 493

SCIBUS 496 SPECIAL STUDIES Repeatable 1-3 Units
Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

SCIBUS 497 EXCHANGE STUDY Repeatable 1-12 Units

SCIBUS 498 INDEPENDENT STUDIES Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Department of Accounting
The accounting program at UW-Whitewater is designed to prepare its majors to begin a career in various parts of the profession - public accounting, corporate accounting, and not-for-profit accounting. All programs in the College of Business and Economics (CoBE), at both the graduate and undergraduate levels, are accredited by the Association to Advance Collegiate Schools of Business (AACSB). Accounting graduates can be licensed as a Certified Public Accountant (CPA) with a satisfactory performance on the CPA exam, after completing UW-Whitewater’s BBA/ MPA sequence or the 150-credit BBA with majors in accounting and another CoBE discipline. A 120-credit non-CPA program also is available. Accounting graduates also are qualified to take other accounting-related professional qualifying exams.

Major in Accounting
• Accounting (BBA) (p. 94)
Minor in Accounting  
• Accounting (p. 94)

Accounting Requirements (BBA)  
Accounting Minor Requirements  
Department of Economics - COBE

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, non-governmental and non-profit organizations, journalism and education. Economics is valuable as a major or minor for those planning to pursue further professional or graduate training, including 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.

Major in Economics  
• Economics (BBA) (p. 94)

Economics Requirements (BBA)  
Department of Finance and Business Law

The Department of Finance and Business Law at the UW-Whitewater provides students with a strong foundation in the primary financial areas of corporate finance, investments, money and capital markets. The program allows students the 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 three emphases. The Finance and 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/ FNBSLW 542.

Note: the requirement to major in finance is to have earned a B- or better grade in FNBSLW 344.

Majors in Finance and Business Law  
• Finance (BBA) (p. 94)  
• Finance - Financial Planning Emphasis (BBA) (p. 94)  
• Finance - Financial Planning Honors Emphasis (BBA) (p. 94)  
• Finance - Honors Emphasis (BBA) (p. 94)  
• Finance - Insurance Emphasis (BBA) (p. 94)  
• Finance - Insurance Honors Emphasis (BBA) (p. 94)  
• Finance - Real Estate Emphasis (BBA) (p. 94)  
• Finance - Real Estate Honors Emphasis (BBA) (p. 94)

Minors in Finance and Business Law  
• Business Law (p. 94)  
• Finance (p. 94)

Finance Requirements (BBA)  
Finance - Financial Planning Emphasis Requirements (BBA)  
Finance - Honors Financial Planning Emphasis Requirements (BBA)  
Finance - Honors Emphasis Requirements (BBA)  
Finance - Insurance Emphasis Requirements (BBA)  
Finance - Honors Insurance Emphasis Requirements (BBA)  
Finance - Real Estate Emphasis Requirements (BBA)  
Finance - Honors Real Estate Emphasis Requirements (BBA)  
Business Law Minor Requirements  
Finance Minor Requirements
Department of Information Technology & Supply Chain Management

The Information Technology (IT) major provides students with IT and business knowledge, skills and training to pursue careers as IT professionals. Students gain technical depth in areas of interest through a set of electives and optional emphases. Graduates of the program are employed as software developers, business analysts, web design and content managers, network/systems/database administrators, security specialist, IT project managers, and consultants.

The Information Technology - Business Application Development emphasis 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 and software development with a strong background in business. Typical entry level positions include programmer, programmer/analyst, systems analyst, software developer and consultant.

The Information Technology - Business Analysis emphasis offers a blend of technical and business skills designed to identify the business needs of clients and stakeholders, and determine solutions to business problems in a wide variety of business, industrial, financial, governmental, healthcare, and educational organizations. Graduates are trained in the areas of business analysis, business intelligence, data modeling, project management, change management, and essential computing skills with a strong background in business. Typical entry-level positions include business analyst, business intelligence specialist, web analysts, change management specialist, and consultant.

The Information Technology - Networking and Security emphasis is offered for individuals who are interested in working in computer networking and security related fields. Graduates are qualified for positions such as network administrators, network engineers, computer and network support specialists, and security and information assurance positions.

Majors in Information Technology & Supply Chain and Operations Management

- Information Technology - Business Analysis Emphasis (BBA) (p. 95)
- Information Technology - Business Analytics (BBA) (p. 95)
- Information Technology - Business Analytics Emphasis (BBA) (p. 95)
- Information Technology - Information Technology Emphasis (BBA) (p. 95)
- Information Technology - Networking and Security Emphasis (BBA) (p. 95)
- Supply Chain and Operations Management (BBA) (p. 95)
- Supply Chain and Operations Management - Project Management Emphasis (BBA) (p. 95)

Minor in Information Technology and Business Education

- Business Analytics (p. 95)
- Information Technology (p. 95)
- Supply Chain Management (p. 95)

Information Technology - Business Analysis Emphasis Requirements (BBA)

Information Technology - Business Analytics Emphasis Requirements (BBA)

Information Technology - Business Analytics Emphasis (BBA)

Information Technology - Information Technology Emphasis Requirements (BBA)

Information Technology - Networking and Security Emphasis Requirements (BBA)

Supply Chain and Operations Management Requirements (BBA)

Supply Chain and Operations Management - Project Management Emphasis Requirements (BBA)

Business Analytics Minor Requirements

Information Technology Minor Requirements

Supply Chain Management Minor Requirements

Department of Management

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: Entrepreneurship (a separate major and minor), General Management (a separate major and minor), and
Human Resources (a separate major and minor). Entrepreneurship prepares students to start, operate and grow their own business. General Management allows students to personalize a program of study in preparation for careers in a wide range of enterprises in the private and public sectors. Human Resource Management (HRM Major) educates students for careers in human resource management, including staffing, training, compensation and benefits, labor relations, and organizational development.

Program of Public Policy and Administration

UW-Whitewater 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.

Majors in Management

- General Management (BBA) (p. 96)
- General Management - Healthcare Management Emphasis (BBA) (p. 96)
- General Management - Managing Sports Programs Emphasis (BBA) (p. 96)
- General Management - Nonprofit Management Emphasis (BBA) (p. 96)
- Human Resource Management (BBA) (p. 96)

Minors in Management

- Entrepreneurship (p. 96)
- General Management (p. 96)
- Human Resource Management (p. 96)
- Nonprofit Management (p. 96)
- Nonprofit Management Minor for Non-Business Students (p. 96)

General Management Requirements (BBA)

General Management - Healthcare Management Emphasis Requirements (BBA)

General Management - Managing Sports Programs Emphasis Requirements (BBA)

General Management - Nonprofit Management Emphasis Requirements (BBA)

Human Resource Management Requirements (BBA)

Entrepreneurship Minor Requirements

Nonprofit Management Minor Requirements

Nonprofit Management Minor for Non-Business Students Requirements

Department of Marketing

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, creating advertising and promotions, determining the proper price, and distributing them. Marketing via the Internet and other interactive media includes all of these components.

Majors in Marketing

- Marketing (BBA) (p. 97)
- Marketing - Digital Marketing Emphasis (BBA) (p. 97)
- Marketing - Experiential and Sports Marketing Emphasis (BBA) (p. 97)
- Marketing - Innovation and Social Enterprises (BBA) (p. 97)
- Marketing - Professional Sales Emphasis (BBA) (p. 97)
- Marketing - Retail Management Emphasis (BBA) (p. 97)

Minors in Marketing

- Integrated Marketing Communication (p. 97)
- Marketing (p. 97)
- Marketing - Digital Marketing (p. 97)
- Marketing - Experiential and Sports Marketing (p. 97)
- Marketing - Innovation and Social Enterprises (p. 97)
Certificates in Marketing
- Digital Marketing (p. 97) (p. 281)
- Experiential and Sports Marketing (p. 97)
- Innovation and Social Enterprises (p. 97)
- Professional Selling (p. 97)
- Retail Management (p. 97)
- Sales Leadership Development (p. 97)

Marketing Requirements (BBA)
Marketing - Digital Marketing Emphasis Requirements (BBA)
Marketing - Experiential and Sports Marketing (BBA)
Marketing - Innovation and Social Enterprises (BBA)
Marketing - Professional Sales Emphasis Requirements (BBA)
Marketing Retail Management Emphasis Requirements (BBA)
Integrated Marketing Communication Minor Requirements
Marketing Minor Requirements
Marketing Minor - Digital Marketing Requirements
Marketing Minor - Experiential and Sports Marketing Requirements
Marketing Minor - Innovation and Social Enterprises Requirements
Marketing Minor - Professional Sales Requirements
Retail Management Minor Requirements

Digital Marketing Certificate Requirements
Experiential and Sports Marketing Certificate
Marketing - Innovation and Social Enterprises Certificate
Professional Selling Certificate Requirements
Retail Management Certificate Requirements
Sales Leadership Development Certificate Requirements

Department of Occupational and Environmental Safety and Health
This department 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 worksite 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 provide a basic foundation in Occupational Safety or in Environmental Management for students majoring in other fields.

Majors/Emphases
To obtain an internship and graduate the Occupational & Environmental Safety & Health (OESH) student must have a minimum 2.50 GPA in the major and as an overall college average.

Construction Safety: the construction safety emphasis provides students 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: 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:** 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.

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**Writing Proficiency Requirement** -

BEINDP 290 or ENGLISH 372

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**Majors in Occupational and Environmental Safety and Health**

- Occupational Safety (BS) (p. 98)
- Occupational Safety - Construction Safety Emphasis (BS) (p. 98)
- Occupational Safety - Environmental Management Emphasis (BS) (p. 98)
- Occupational Safety - Occupational Ergonomics Emphasis (BS) (p. 98)

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**Minors in Occupational and Environmental Safety and Health**

- Environmental Management (p. 98)
- Occupational Safety (p. 98)

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**Occupational Safety Requirements (BS)**

**Occupational Safety Major - Construction Safety Emphasis Requirements (BS)**

**Occupational Safety - Environmental Management Emphasis Requirements (BS)**

**Occupational Safety - Occupational Ergonomics Emphasis Requirements (BS)**

**Environmental Management Minor Requirements**

**Occupational Safety Minor Requirements**

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**Interdepartmental Majors/Emphases and Minors - COBE**

Several majors and minors in the College of Business and Economics are interdisciplinary, allowing students to take courses from many departments in the College or at the University. Such majors and minors include general business, entrepreneurship, integrated science and business, integrated science and business with a water emphasis and international business.

**Interdepartmental Majors**

- Business Undecided (p. 98)
- Entrepreneurship (BBA) (p. 98)
- General Business (BBA) (p. 98)
- General Business - Safety and Risk Management (BBA) (p. 98)
- Integrated Science and Business (BBA) (p. 98)
- Integrated Science and Business - Water Emphasis (BBA) (p. 98)
- International Business (BBA) (p. 98)

**Interdepartmental Minors**

- Entrepreneurship (p. 99)
- General Business (p. 99)
- International Business (p. 99)
- Water Business (p. 99)

**Interdepartmental Certificates**

- Business Master’s Bridge (p. 99)
- Sustainability Management (p. 99)

**Business Undecided Requirements**

**Entrepreneurship Requirements (BBA)**

**General Business Requirements (BBA)**

**General Business - Safety and Risk Management (BBA)**

**Integrated Science - Business Requirements (BBA)**

**Integrated Science and Business - Water Emphasis Requirements (BBA)**

**International Business Requirements (BBA)**
Entrepreneurship Minor
Requirements

General Business Minor
Requirements

International Business Minor
Requirements

Water Business Minor Requirements

Business Master's Bridge Certificate
Requirements

Sustainability Management
Certificate Requirements

Footnotes

1 This course has the prerequisites of Fundamentals of Environmental Law and Chemistry 102.
COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

www.uww.edu/coeps (http://www.uww.edu/coeps/)

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Mission Statement

The University of Wisconsin-Whitewater’s College of Education and Professional Studies is committed to the development of professionals who are lifelong learners, creators of knowledge, and leaders of character and integrity. Responding to the changing needs within our global society, our programs prepare professionals to actively engage in an open democratic society inclusive of diverse populations. As a premier center for global learning, the College’s focus on depth of learning and academic excellence provides our students with the requisites to be leaders dedicated to change in their communities.

Department Chairs

Communication Sciences and Disorders
Lynn Gilbertson
Counselor Education
Brenda O’Beirne
Curriculum and Instruction
Julie Minikel-Lacocque
Educational Foundations
Beth King
Kinesiology
Andrea Ednie
Leadership, Military Science and Aerospace Studies
Major Craig Giese
Special Education
Amy Stevens, Interim

Bachelor of Arts/Bachelor of Science

- Early Child Care and Education (BA/BS) (p. 131)

Bachelor of Science

- Communication Sciences and Disorders (BS) (p. 130)

Bachelor of Science in Education

- Early Childhood Education (BSE) (p. 131)
- Elementary Education - Elementary/Middle Emphasis (BSE) (p. 131)
- Physical Education - Health, Human Performance and Recreation Emphasis (BSE) (http://www.public.courseleaf.com/undergraduate/education-professional-studies/health-physical-education-recreation-
coaching/physical-education-health-human-performance-and-recreation-emphasis-bse/)
- Physical Education - Licensure Emphasis (BSE) (p. 133)
- Secondary Education (6-12) (p. 130)
- Special Education: Cross Categorical Program Intellectual Disabilities (BSE) (p. 134)
- Special Education: Cross Categorical Program LD/EBD Emphasis (BSE) (p. 134)

Minors

- Adaptive Education Licensure (p. 134)
- Athletic Coaching Education (p. 133)
- Communication Sciences and Disorders (p. 130)
- Health Education (p. 133)
- Health Promotion (p. 133)
- Leadership and Military Science (p. 134)
- Library Media K-12 (p. 132)
- Library Science (p. 132)
- Recreation and Leisure Studies Education (p. 133)
- Recreation and Leisure Studies - L&S (p. 133)
- Special Education for Non-Education Majors (p. 134)
- Sport Management (p. 133)
- Strength and Conditioning (p. 133)
- Teaching English as a Second Language (p. 132)
- Teaching English as a Second Language/Bilingual-Bicultural (p. 132)
- Teaching English as a Second Language for Adults (p. 132)

Certificates

- Adapted Physical Education (p. 133)
- Health Education (p. 133)
- Digital Media and Learning (https://uww-curr.courseleaf.com/undergraduate/education-professional-studies/education-general-majors-emphases/digital-media-learning-cert/)

Honorary Societies

Kappa Delta Pi is a national honorary education fraternity. It limits its membership to juniors and seniors in the College of Education and Professional Studies who have demonstrated unusual scholastic proficiency and professional promise.

Student Organizations

ACTIVE promotes career and professional development opportunities for students interested in health, physical education, human performance, recreation, coaching, sport and related fields.

Aspiring Educators is an organization open to students who are considering becoming future educators. Aspiring Educators is a branch of the Wisconsin Education Association Council (WEAC) and National Education Association (NEA) which will provide students with valuable opportunities to network with teachers and professionals in the education community.

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.

Creative and Resourceful Educators (CARE) 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.

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.

Criminal Background Checks

Various programs in the College require Criminal Background Checks. Students will be required to conduct Criminal Background Check using an online service. Please check with your program plan and advisor on when to complete the Criminal Background Requirement.

The results of a student's CBC may preclude student participation in mandatory field experiences, disqualify students for a license, prevent service or employment in a student's chosen field, prevent a student from completing the chosen degree plan, or from other program participation.

In those instances where there are concerns regarding results of CBCs, it is the student's responsibility to seek legal counsel prior to declaring a major or continuing a program of study within the College of Education & Professional Studies.

Admission to Professional Education

All licensure programs, EXCEPT Early Childhood Education

Students must achieve a combined GPA of at least 2.75 to apply for admission to Professional Education. Combined GPA is calculated from all graded UW-Whitewater coursework and all transferable credits earned from regionally accredited post-secondary institutions at the undergraduate and graduate level.

or

Meet the Testing Requirement

Students must earn Wisconsin passing scores on all parts of the Praxis CORE (or PPST/Praxis I), ACT, SAT, or GRE.

*Prior to receiving a Wisconsin teaching license, teacher candidates must achieve a Combined Cumulative GPA of 2.75.

AND

• Complete a minimum of 40 credits at time of application
• Achieve a combined cumulative GPA as outlined above or Meet Wisconsin passing scores on all parts of the PPST (Praxis I) and/or Praxis CORE, ACT, SAT, or GRE
• PPST (Praxis I) scores earned prior to September 1, 2014 do not expire, and a combination of PPST (Praxis I) and Praxis CORE subtests (i.e. Reading, Writing, and Mathematics) with passing scores may be used
• ACT, SAT, and GRE scores are valid for ten years
• Pass COMM 110

**Concurrent enrollment means that students are currently taking the course(s) during the semester in which they submit an application for Admission to Professional Education, not pre-registered to take the course(s) in a future semester.

For more information, please visit Admission to Professional Education.

Early Childhood Education (dual license) Program

Early Childhood Education (dual license) is a competitive application process with a minimum combined cumulative 2.75 GPA due to the unique cohort model. This Program does NOT guarantee admission. Students may apply with the minimum combined cumulative GPA; however, the Program is highly competitive.

Students must achieve a combined GPA of at least 2.75 to apply for admission to Professional Education. Combined GPA is calculated from all graded UW-Whitewater coursework and all transferable credits earned from regionally accredited post-secondary institutions at the undergraduate and graduate level.

or

Meet the Testing Requirement

Students must earn Wisconsin passing scores on all parts of the Praxis CORE (or PPST/Praxis I), ACT, SAT, or GRE.
*Prior to receiving a Wisconsin teaching license, teacher candidates must achieve a Combined Cumulative GPA of 2.75.

AND

- Complete a minimum of 30 credits at time of application
- Pass EDUINDP 211, EARLYCHD 212, and EDUINDP 213
- With a “C” or better or be concurrently enrolled
- Concurrent enrollment means that students are currently taking the course(s) during the semester in which they submit an application for Admission to Professional Education, not pre-registered to take the course(s) in a future semester.

Endorsement Requirements

Upon completion of an approved Professional Education program and a bachelor’s degree, students will be eligible for endorsement for initial teacher licensure when they meet the following requirements:

1. Completion of an approved major (and minor if required).
2. Successful completion of a Directed Teaching experience at UW-Whitewater.
3. Students must have a combined cumulative 2.75 GPA.
4. A passing score on the Foundations of Reading Test for applicable programs required by the Wisconsin Department of Public Instruction.
5. A passing score on a research based performance assessment required by the Wisconsin Department of Public Instruction.

Content GPA of 3.0 or a passing score on a standardized examination in each licensure major and minor content area (determined by program) required by the Wisconsin Department of Public Instruction.

Teacher Licensure Requirements

The College of Education requires all students seeking endorsement by the Licensure Officer of the College of Education and Professional Studies 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 and university supervisor, shall complete a pre-student experience working directly with children and youth within a school or other instructional setting.

During the Foundations Block, students are assigned for a minimum of 50 hours in a school setting that serves a diverse population.

During the Methods Block, students are assigned to one or more experiences completed in schools located within the service area of the College of Education. Students are responsible for their own transportation to the school sites.

Student Teaching

1. All students seeking initial endorsement for licensure by UW-Whitewater must earn credits from UW-Whitewater in conjunction with experiences in schools. Additional information about these experiences is available from the Office of Field Experiences or the appropriate department in the College of Education and Professional Studies.
2. 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 Student Teaching occur during the semester prior to the student’s assigned placement. Transfer students who seek endorsement from UW-Whitewater must complete at least 14 credits of academic work at UW-Whitewater prior to Directed Teaching. Students are placed in schools located within the service area of the College of Education and Professional Studies. 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 Student Teaching.

Admission to Student Teaching

Admission to Student Teaching is restricted to students who have been admitted to Professional Education and who have met the criteria below in addition to requirements as identified by the program.

1. Completion of a Criminal Background Check
2. 2.75 combined cumulative grade point average
3. Passing score in the major(s) on Praxis II subject assessment test OR a content GPA of 3.0 or above by the announced deadline date (except for Early Childhood Directed Teaching A and B)
4. An attempt of the Foundations of Reading Test for the Early Childhood, MC-EA, and Special Education Programs by the announced deadline date
5. Submission of Personal Information Sheet to Office of Field Experience by the announced deadline date (except for Early Childhood Directed Teaching A and B)
6. Attendance at required student teaching meeting except for Early Childhood Directed Teaching A and B)
7. Submission of a negative Tuberculosis test result to Office of Field Experience (skin test or x-ray) by the announced deadline date
8. Successful completion of statutory requirements

Curriculum Instruction Field Courses

CIFLD 401 DIRECTED TEACHING - ALTERNATIVE PLACEMENT ELEMENTARY SCHOOL  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION

CIFLD 402 DIRECTED TEACHING - ALTERNATIVE PLACEMENT MIDDLE SCHOOL  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION
CIFLD 404 DIRECTED TEACHING - ALTERNATIVE PLACEMENT
SECONDARY SCHOOL  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION

CIFLD 406 FIELD STUDY IN ESL/BILINGUAL EDUCATION-ELEMENTARY
PLACEMENT  2 Units
Offered on a Satisfactory/No Credit basis only. Designed to give the student experience in working under the guidance of ESL or bilingual teachers in affiliated public schools in ESL or bilingual education. This course is for placements in elementary schools.
PREREQ: CIGENRL 403 OR CONSENT OF INSTRUCTOR

CIFLD 408 FIELD STUDY IN ESL/BILINGUAL EDUCATION-MIDDLE/HIGH
SCHOOL PLACEMENT  2 Units
Offered on a Satisfactory/No Credit basis only. Designed to give the student experience in working under the guidance of ESL or bilingual teachers in affiliated public schools in ESL or bilingual education. This course is for placements in middle or high schools.
PREREQ: CIGENRL 403 OR CONSENT OF INSTRUCTOR

CIFLD 411 DIRECTED TEACHING - ELEMENTARY Repeatable  1-12
Units
Offered on a satisfactory/no credit basis only. Professional laboratory experience under the guidance of carefully selected, qualified cooperating teachers in elementary school classrooms in the area. Students with licensure who desire recommendation for licensure by this University must complete at least 3-6 credits of directed teaching on this campus regardless of the number of credits earned elsewhere. Repeatable for a maximum of 18 credits in major/degree.

CIFLD 412 DIRECTED TEACHING-MIDDLE SCHOOL Repeatable  2-12
Units
Offered on a satisfactory/no credit basis only. Professional laboratory experience is provided under the guidance of carefully selected, qualified cooperating teachers in middle school classrooms in the area. Students with licensure who desire recommendation for licensure by this University must complete at least 3-6 credits of directed teaching on this campus regardless of the number of credits earned elsewhere.

CIFLD 413 DIRECTED TEACHING FOR SPECIAL MINORS Repeatable  2
Units
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 Repeatable  2-12 Units
Offered on a satisfactory/no credit grade basis only. Professional laboratory experience is provided under the guidance of carefully selected qualified cooperating teachers in secondary school classrooms in the area. Students with licensure who desire recommendation for licensure by this University, must complete at least 3-6 credits of directed teaching on this campus regardless of the number of credits earned elsewhere. Repeatable for a maximum of 18 credits in major/degree.

CIFLD 492 FIELD STUDY Repeatable  1-12 Units
Offered on a satisfactory/no credit basis only. Designed to give the student experience in working with individuals in such settings as day care centers, nursery, elementary, middle and secondary schools. Repeatable for a maximum of 12 credits in degree.
PREREQ: EDFNDPRC 210 AND ADMISSION TO PROFESSIONAL ED

Curriculum Instruction Gen Courses

CIGENRL 180 IDENTITY DEVELOPMENT STRATEGIES FOR STUDENT-
ATHLETES Repeatable  1 Units
This course will introduce leadership, psychosocial and identity development theories pertaining to college student development. Students will apply theory to case studies and assignments pertaining to three distinct identity spheres. This course will enable students to understand the complex identities of the contemporary student-athlete and equip students with theoretical underpinnings to apply to their own personal college success.

CIGENRL 241 GLOBALIZATION AND EDUCATION  3 Units
This course analyzes the intersection of global forces and education through various frameworks, theories, and models. It examines the impact of globalization on everyday educational practices and the role education plays in shaping society. It introduces the processes, institutions, and forces by which schooling, and education in general, has been globalized and examines the impact of these forces on schooling/education.

CIGENRL 290 WORKSHOP Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable for a maximum of 9 credits in degree

CIGENRL 310 SURVEY OF EDUCATIONAL LINGUISTICS  3 Units
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. CROSS-LISTED: CIGENRL 310, CIGENRL 510, ESL 310, ESL 510
PREREQ: ENGLISH 101 AND ENGLISH 102 OR CONSENT OF THE INSTRUCTOR

CIGENRL 320 SECOND LANGUAGE ACQUISITION  3 Units
In Second Language Acquisition, students will develop a working knowledge of contemporary issues and theories in learning additional languages with special attention to the oral and written communication of bilingual learners of English. Linguistic principles studied are also pertinent for those teaching World languages.
PREREQ: CIGENRL 310/ESL 310

CIGENRL 330 PEDAGOGICAL GRAMMAR FOR ENGLISH LEARNERS  3
Units
Pedagogical Grammar for English Learners 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: CIGENRL 310/ESL 310
CIGENRL 341 GLOBAL PERSPECTIVES IN TEACHING AND LEARNING  3 Units
This course wrestles with the current issues on educating teachers for today's increasingly diverse, complex, and global society. There is an important need for both teachers and students to develop perspective-taking skills, especially those skills to see one's own normative experiences.

CIGENRL 342 IDENTITY, CULTURE AND SOCIAL JUSTICE IN GLOBAL EDUCATION  3 Units
This course provides students with the opportunity to reflect upon aspects of identity as these interact with nested layers of context. These concepts are inherently connected to global education as ideas of social justice and power come into play. Students move beyond a deeper understanding of self and consider context, access to education and power in creating equitable learning opportunities.

CIGENRL 343 MIGRATION, PEACE, AND CONFLICT IN EDUCATION  3 Units
The course explores bordering and migration as national issues with regard to educational access and community development. Economic and political upheaval, war, and natural disasters will be examined as factors contributing to global migration. Contributions of migrants, education and other initiatives that contribute to and lessen the need for migration, and the vulnerability of migrants will be addressed.

CIGENRL 350 INTRODUCTION TO ESL AND BILINGUAL-BICULTURAL EDUCATION  3 Units
History, philosophy and rationale for ESL and bilingual/bicultural education. A study of the social, cultural, and psychological issues affecting learners for whom English is an additional language and who are considered “minorities” in the U.S. A focus on multicultural education as related to the teaching and learning of language minority students. CROSS-LISTED: CIGENRL 350, CIGENRL 550, ESL 350, ESL 550 PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105

CIGENRL 354 CRITICAL PERSPECTIVES ON BILINGUAL LEARNERS IN SCHOOLS  3 Units
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. PREREQ: CIGENRL 350/ESL 350

CIGENRL 403 ESL METHODS AND CURRICULUM  4 Units
ESL methods and curriculum 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. This course includes a field experience in the schools in addition to regularly scheduled class meetings. PREREQ: CIGENRL 350/ESL 350, CIGENRL 310/ESL 310 AND CIGENRL 320/ESL 320 OR CONSENT OF INSTRUCTOR CROSS-LISTED: ESL 403, CIGENRL 403, ESL 603

CIGENRL 405 ASSESSMENT IN THE ESL/BILINGUAL CLASSROOM  3 Units
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. CROSS-LISTED: ESL 405, CIGENRL 405, CIGENRL 605 PREREQ: CIGENRL 403 OR ESL 403

CIGENRL 410 CURRENT TOPICS IN EDUCATION Repeatable  1-3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION CROSS-LISTED: CIGENRL 410 AND EDFOUND 410

CIGENRL 455 TEACHING CONTENT IN THE BILINGUAL CLASSROOM  3 Units
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. CROSS-LISTED: ESL 455 AND CIGENRL 655 PREREQ: CIGENRL 403 OR ESL 403 CROSS-LISTED: ESL 455 AND CIGENRL 655

CIGENRL 460 PRINCIPLES OF CAREER AND TECHNICAL EDUCATION  2 Units
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.

CIGENRL 461 ORG, ADMIN, AND COORDINATION OF WORK-BASED LEARNING PROGRAMS  3 Units
Study of career and technical education programs which utilize the internship/youth apprenticeship/cooperative method of instruction (i.e., work-based learning programs). 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 requirements for vocational certification. PREREQ: CIGENRL 460

CIGENRL 470 STUDENT TEACHING SEMINAR Repeatable  2 Units
Discussion and writing about practical issues of teaching as experienced in the full-time directed teaching semester. Incorporates presentations and panels by experienced educators as well as large- and small-group interaction to promote reflection and inform beginning teachers. Repeatable. COREQ: CILFD 411 OR CILFD 412 OR CILFD 414; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
CIGENRL 479 DRAMA IN EDUCATION 3 Units
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 480 CAREER DEVELOPMENT STRATEGIES FOR STUDENT-ATHLETES Repeatable 1 Units
Students will develop an understanding of career and professional development theories to shape personal career trajectory. Drawing from these theoretical underpinnings, students will complete developmental and behavioral assessments to inform intentional self-reflection. Students will utilize assessments to develop an understanding of how to successfully develop a professional network and employer relations strategy.

CIGENRL 489 EMPLOYMENT STRATEGIES 1 Units
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.

CIGENRL 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable for a maximum of 9 credits in degree.

CIGENRL 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

CIGENRL 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS

CIGENRL 495 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

CIGENRL 497 EXCHANGE STUDY 1-12 Units
Variable topics.

CIGENRL 498 INDEPENDENT STUDY Repeatable 1-4 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

CIGENRL 498R INDEPENDENT STUDY - R Repeatable 1-3 Units
Study of a selected topic or topics in undergraduate research under the direction of a faculty member. Repeatable.

Coaching Courses

COACHING 240 INTRODUCTION TO COACHING 2 Units
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 245 STRENGTH AND CONDITIONING PROGRAM DESIGN 3 Units
This course will teach students how to develop sport-specific strength and conditioning programs, with a specific emphasis on creation of periodized programs. Students will learn how to manipulate training variables across multi-year training cycles, in order to achieve peak performance in strength, speed, and endurance.
PREREQ: COACHING 255
COACHING 350  COACHING OF FOOTBALL  2 Units
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 Units
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 Units
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 demonstration.

COACHING 353  COACHING OF TRACK AND FIELD/CROSS COUNTRY  3 Units
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 Units
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.
PREREQ: ABILITY SWIM AT THE INTERMEDIATE LEVEL

COACHING 356  COACHING OF WRESTLING  2 Units
This course is designed to provide the knowledge and skills essential to the coaching of competitive wrestling.

COACHING 359  COACHING OF VOLLEYBALL  2 Units
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 Units
This course is designed to provide the knowledge and skills essential to the coaching of competitive soccer.

COACHING 361  COACHING OF SOFTBALL  2 Units
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  ORGANIZATION AND ADMINISTRATION OF INTERSCHOLASTIC ATHLETICS  2 Units
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 AND 2 CREDITS IN COACHING 350-COACHING 361

COACHING 461  PREVENTION AND CARE OF ATHLETIC INJURIES  2 Units
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 Units
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 Units
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.
PREREQ: PSYCH 211 OR EQUIV AND CONSENT OF INSTRUCTOR

COACHING 470  PRACTICUM IN ATHLETIC TRAINING  Repeatable 1-4 Units
A course designed to give the prospective student trainer actual experience in the training room, working with athletes.
PREREQ: COACHING 461 AND PEPROF 271 AND PEPROF 281

COACHING 480  LEGAL ASPECTS OF SPORT AND RECREATION ACTIVITIES  3 Units
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 safety, contracts, liability, liability, and policy development will provide a better understanding of the law with respect to challenges encountered by sport and recreation professionals.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR
CROSS-LISTED: COACHING 480 AND RECREATN 480

COACHING 485  CAPSTONE IN STRENGTH AND CONDITIONING  3 Units
The final course in the Strength and Conditioning minor sequence. Summarizes and reviews material from previous courses with additional discussion of administrative aspects of strength and conditioning, including: facility design and personnel management. Intended to help prepare students for the National Strength and Conditioning Association’s (NSCA) Certified Strength and Conditioning Specialist (CSCS) exam.
PREREQ: PEPROF 471

COACHING 490  WORKSHOP IN INTERCOLLEGIATE OR INTERSCHOLASTIC ATHLETICS  Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable for a maximum of 6 credits in major.
PREREQ: CONSENT OF ADVISOR OR DEPARTMENT CHAIR

COACHING 492  FIELD STUDY IN COACHING  2-3 Units
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.

COACHING 496  SPECIAL STUDIES  Repeatable 1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

COACHING 497  EXCHANGE STUDY  Repeatable 1-12 Units
Variable topics.
COACHING 498 INDEPENDENT STUDY Repeatable 1-4 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 4 credits in major.

Communicative Disorders Courses

COMDIS 240 HEARING AND SPEECH SCIENCE 4 Units
A study of the anatomy and physiology of the auditory system, physical acoustics, speech production, sound perception, and basic hearing and speech instrumentation.
COREQ: PHYSCS 130 OR PHYSCS 212 OR PHYSCS 240, OR CONSENT OF INSTRUCTOR

COMDIS 270 INTRODUCTION TO HUMAN COMMUNICATION AND DISORDERS 3 Units
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 Units
This course provides a basic understanding of phonetics and phonology from articulatory and physiological perspectives. 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 diverse populations (e.g., non-native or non-standard speakers).

COMDIS 278 ANATOMY AND PHYSIOLOGY OF HUMAN COMMUNICATION 3 Units
This course provides a basic understanding of the structures and functions involved in normal speech and language communication in humans.
COREQ: A COURSE IN BIOLOGY

COMDIS 355 LANGUAGE DEVELOPMENT & DISORDERS IN CHILDREN 3 Units
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 ED ADMISSION

COMDIS 371 INTRODUCTION TO CLINICAL PRACTICUM IN COMMUNICATIVE DISORDERS 3 Units
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 and clinical practice procedures, and gain an understanding of the responsibilities and professional issues associated with the practice of speech-language pathology across the lifespan. Students will obtain 25 guided observation hours.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 380 SPEECH AND LANGUAGE DEVELOPMENT IN CHILDREN 4 Units
In this course students will learn about the process and sequence of speech and language development in children from birth to school-age. Theories of language acquisition and the role of cognition, culture, context, and caregivers are discussed. Students will participate in a community-based learning experience working with linguistically and culturally diverse preschool children.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES COREQ: (EDFOUND 222 OR EDFOUND 230 OR PSYCH 331) AND (ENGLISH 281 OR CIGENRL 310), OR CONSENT OF INSTRUCTOR

COMDIS 385 FLUENCY 1 Units
This course provides introductory knowledge in normal and disordered speech fluency with a primary focus on the physiological bases of fluency disorders. Theoretical principles underlying the prevention, assessment and treatment of phonation and resonance problems across the lifespan are emphasized.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES, OR CONSENT OF INSTRUCTOR

COMDIS 424 COMMUNICATION DISORDERS ACROSS THE LIFE SPAN 3 Units
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: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 426 NEURAL BASES OF SPEECH AND LANGUAGE 3 Units
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: ADMISSION TO UPPER DIVISION COMDIS COURSES, OR CONSENT OF INSTRUCTOR

COMDIS 460 PRACTICUM IN COMMUNICATIVE DISORDERS Repeatable 3 Units
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

COMDIS 472 ASSESSMENT IN COMMUNICATIVE DISORDERS 3 Units
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.

COMDIS 477 DISORDERS OF SPEECH PRODUCTION 3 Units
An introduction of the development of normal articulation and phonology and of the etiologies, diagnosis, and treatment of articulation and phonological disorders.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND COMDIS 380, OR CONSENT OF INSTRUCTOR
COMDIS 481 LANGUAGE DISORDERS IN CHILDREN 3 Units
This course is designed to provide students with an overview of language disorders in children, with an emphasis on emerging and developing language. This course will include the nature of developmental language impairments, causes of language impairments, and the issues involved in assessment and intervention for children with language disorders.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND COMDIS 380, OR CONSENT OF INSTRUCTOR

COMDIS 482 AUDIOMETRY 3 Units
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: ADMISSION TO UPPER DIVISION COMDIS COURSES, OR CONSENT OF INSTRUCTOR

COMDIS 483 AUGMENTATIVE AND ALTERNATIVE COMMUNICATION 1 Units
This course provides an overview of 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 supporting individuals using alternative and augmentative communication systems.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND (COMDIS 380 OR COMDIS 355), OR CONSENT OF INSTRUCTOR

COMDIS 484 AURAL REHABILITATION 2 Units
Aural rehabilitation is the study of the rehabilitation of individuals with hearing impairment. It includes the effects of hearing loss on perception, psychosocial aspects, and speech and language. Techniques for rehabilitation including amplification, counseling, speech reading, and auditory training will be emphasized.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND COMDIS 482, OR CONSENT OF INSTRUCTOR

COMDIS 485A PROFESSIONAL DEVELOPMENT SEMINAR 0.5 Units
This seminar will provide seniors majoring in communication sciences and disorders an opportunity to explore specific post-graduation plans. The seminar will support application development for a graduate program or related career field.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 485B CAPSTONE SEMINAR 1 Unit
This seminar will provide seniors majoring in communication sciences and disorders an opportunity to reflect on their undergraduate experience and their preparation for entry into graduate programs or the workforce. Student will complete a written and oral capstone project.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

COMDIS 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

COMDIS 494 SEMINAR Repeatable 1-6 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.
PREREQ: JUNIOR STATUS OR CONSENT OF DEPARTMENT

COMDIS 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable
PREREQ: JUNIOR/SENIOR STATUS

COMDIS 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable Topics

COMDIS 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable
PREREQ: JUNIOR/SENIOR STATUS

COMDIS 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Counselor Education Courses

COUNSED 450 INTRODUCTION TO COUNSELING 3 Units
This is a survey course intended to introduce the student to the field of counseling and guidance. An overview of the purposes, procedures, and expected outcomes of counseling and guidance programs, the counselor’s role and relationship to other functionaries will be dealt with.

COUNSED 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

COUNSED 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

COUNSED 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

COUNSED 498 INDEPENDENT STUDY Repeatable 1-3 Units
Repeatable

Early Childhood Courses

EARLYCHD 212 NUTRITION AND HEALTH: EARLY CHILDHOOD 3 Units
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: RESTRICTED TO STUDENTS WHO HAVE DECLARED EARLY CHILDHOOD EDUCATION AS THEIR MAJOR AND WHO HAVE 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS II), ACT, SAT, OR GRE.

EARLYCHD 300 EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE Repeatable 12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.
**EARLYCHD 300A** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - PROGRAM DEVELOPMENT  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 300B** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - ADMINISTRATOR'S  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 300C** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - LEADERSHIP  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 300D** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - INFANT/TODDLER  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 300E** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - PRESCHOOL  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 300F** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - FAMILY CHILD CARE  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 300G** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - AFTER SCHOOL AND YOUTH  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 300H** EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - INCLUSION  Repeatable  12-18 Units

This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.

**PREREQ:** FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

**EARLYCHD 318** ECCE FIELD PLACEMENT AND REFLECTIVE SEMINAR  7 Units

This course gives students opportunities to use best practices for teaching in early childhood education while working with a mentor.

**PREREQ:** PROGRAM PERMISSION

**EARLYCHD 319** ECCE LEADERSHIP INTERNSHIP AND REFLECTIVE SEMINAR  12 Units

This course gives students opportunities to use best practices for teaching in early childhood education while working with a mentor.

**PREREQ:** PROGRAM PERMISSION

**Ed Foundations Practicum Courses**

**EDFNDPRC 210** INTRODUCTION TO EDUCATION AND TEACHING  3 Units

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.

**PREREQ:** 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE.

**COREQ:** CONCURRENT ENROLLMENT IN EDFOUND 243 AND [ONE OF FOLLOWING: EDFOUND 222, EDFOUND 230, EDFOUND 212 OR EDFOUND 481] OR CONS OF DEPT
EDFNDPRC 411 LIBRARY PRACTICE 3 Units
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 basis only.
PREREQ: LIBMEDIA 350, LIBMEDIA 451, LIBMEDIA 454 OR CONSENT OF INSTRUCTOR

Educational Foundations Courses
EDFOUND 212 EDUCATIONAL PSYCHOLOGY 3 Units
This course is designed primarily for secondary school teachers. Among the areas considered are the psychology of teaching, learning theories, memory, development, intelligence, creativity, individual differences, motivation, and classroom management.
PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONCURRENT ENROLLMENT IN EDFNDPRC 210 EDFOUND 243 OR CONSENT OF DEPARTMENT

EDFOUND 214 PORTFOLIO DEVELOPMENT I Repeatable 1 Units
This course is designed to enable students to develop their Foundations Block portfolio, which is a requirement for admission to Professional Education.
PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONSENT OF THE DEPARTMENT

EDFOUND 222 CHILD DEVELOPMENT 3 Units
A developmental study of the child from conception to the onset of puberty, including physical, psychosocial and cognitive growth.
PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONCURRENT ENROLLMENT IN EDFNDPRC 210 EDFOUND 243 OR CONSENT OF DEPARTMENT

EDFOUND 230 INTRODUCTION TO HUMAN DEVELOPMENT 3 Units
The focus of this course is the study of human development and change throughout the entire lifespan from psychological, sociological, and biological perspectives.

EDFOUND 241 YOUTH CULTURE FORMATION: RACE, GENDER, AND SEXUALITY 3 Units
This course explores how various U.S. institutions construct "youth" as a social category, how those constructions are primarily interlocked with race and ethnicity, and how those constructions subsequently shape youth cultures in multi-faceted, intersectional cultural contexts such as music, gaming, sports, and media.

EDFOUND 243 FOUNDATIONS OF EDUCATION IN A PLURALISTIC SOCIETY 3 Units
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.
PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONCURRENT ENROLLMENT IN EDFFOUND 243 AND [ONE OF FOLLOWING: EDFOUND 222, EDFOUND 230, EDFOUND 212 OR EDFOUND 481] OR CONS OF DEPT

EDFOUND 341 PARADOXES AND PROMISES: CRITICAL ISSUES IN URBAN EDUCATION 3 Units
This course introduces students to critical issues and policies that influence urban schools, and by extension American society. It provides a deeper understanding of paradoxes and promises we collectively face in making American schools truly equitable institutions, particularly for marginalized communities of color. Trips to regional cities are an enhanced feature of the course and are covered by course fees.
CROSS-LISTED: EDFOUND 341 AND POLISCI 341

EDFOUND 342 DIVERSITY, SERVICE-LEARNING, AND LEADERSHIP IN THE CITY 3 Units
This course uses the city as a laboratory to explore major course themes such as intersectionality, youth, power, and cultural relevance. In addition to academic coursework, the course gives students the invaluable opportunity to learn about, learn from, and work with diverse communities in the region through a hands-on, 50 hour fieldwork component. Transportation/additional trips are included via associated fees.

EDFOUND 410 CURRENT TOPICS IN EDUCATION Repeatable 1-3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
CROSS-LISTED: CIGENRL 410 AND EDFOUND 410

EDFOUND 423 MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION 3 Units
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: JUNIOR STATUS AND ADMISSION TO PROFESSIONAL ED

EDFOUND 424 MEASUREMENT AND EVALUATION IN THE ELEMENTARY SCHOOL 3 Units
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: JUNIOR STATUS AND ADMISSION TO PROFESSIONAL ED

EDFOUND 425 MEASUREMENT AND EVALUATION IN THE SECONDARY SCHOOL 3 Units
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: JUNIOR STATUS AND ADMISSION TO PROFESSIONAL ED
EDFOUND 475 UNDERSTANDING AND DEALING WITH DISRUPTIVE CLASSROOM BEHAVIOR 3 Units
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 478 ADOLESCENT DEVELOPMENT 3 Units
Adolescent Development acquaints students with the major theories related to adolescent development and helps students interpret the theories in ways which are meaningful in understanding and working with adolescents. Focus is on the changes of adolescence with special attention given to the biological, cognitive, social and emotional systems.

EDFOUND 481 HUMAN ABILITIES AND LEARNING 3 Units
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 EDUCATIONAL STATISTICS 3 Units
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 repression), non-parametric techniques (chi-square test), and single subject designs.

EDFOUND 486 CURRICULUM EVALUATION AND IMPROVEMENT 1 3 Units
This course is designed to train school personnel in the selection of published assessments and the creation of classroom-level assessment methods appropriate for making instructional decisions at a individual and classroom level. Emphasis will be placed on understanding core content area standards, formative assessment practices in content areas, developing valid pupil grading procedures, and ethical assessment methods, all with a focus on informing instruction.
PREREQ: EDFOUND 424/EDFOUND 624 OR EDFOUND 425/EDFOUND 625 OR SPECED 462/SPECED 662

EDFOUND 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable for a maximum of 9 credits in major/degree.

EDFOUND 492 FIELD STUDY 1-6 Units
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: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

EDFOUND 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 9 credits in major/degree.

EDFOUND 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics

EDFOUND 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: SPONSORSHIP OF INSTRUCTOR AND PERMISSION OF DEPARTMENT

Education Interdepartmental Courses

EDUINDP 211 INTRODUCTION TO EARLY CHILDHOOD EDUCATION 2 Units
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: RESTRICTED TO STUDENTS WHO HAVE DECLARED EARLY CHILDHOOD EDUCATION AS THEIR MAJOR AND WHO HAVE 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS II), ACT, SAT, OR GRE.

EDUINDP 212 WORKING WITH CHILDREN AND FAMILIES IN A DIVERSE SOCIETY 3 Units
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 focus 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 relate to family strengths and needs.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 213 DEVELOPMENT OF THE YOUNG CHILD 3 Units
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: RESTRICTED TO STUDENTS WHO HAVE DECLARED EARLY CHILDHOOD EDUCATION AS THEIR MAJOR AND WHO HAVE 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS II), ACT, SAT, OR GRE.

EDUINDP 214 OBSERVATION AND REFLECTION IN HEAD START 3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM
**EDUINDP 215** ART IN THE EARLY YEARS 3 Units
An introduction to the role and purpose of visual experience 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 250** RACE AND RACISM IN SCHOOLS 3 Units
This course is an interdisciplinary investigation of the historical, ideological, structural, institutional, cultural, and individual manifestations of race and racism in schools. The course also explores the theoretical lens of Critical Race Theory, and offers specific language and concepts with which to understand and discuss racism. Finally, the course explores race as a power dynamic embedded in the structure of schools as a social institution in the United States.
PREREQ: ENGLISH 101 WITH A C OR BETTER

**EDUINDP 312** MATHEMATICAL PROBLEM SOLVING THROUGH STEAM STRATEGIES 2 Units
Through this two credit course, students will develop a rationale and strategies for using math as part of an integrated STEAM approach to solving authentic and meaningful problems with children from birth through five years old.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION AND COMPLETION OF MATH 147 WITH A C OR HIGHER

**EDUINDP 319** GUIDING YOUNG CHILDREN I 2 Units
This course is designed to provide pre-service teachers with a foundational understanding of social emotional development, understand causes of challenging behaviors, strategies for teaching self-regulation, promoting positive peer interactions, plan for environmental considerations, understand classroom behavior management, and plan implementation of classroom management interventions strategies.
PREREQ: SUCCESSFUL COMPLETION OF ALL PRIOR EARLY CHILDHOOD EDUCATION CLASSES.

**EDUINDP 320** INTEGRATED CURRICULUM FOR CHILDREN: AGES 3-5 3 Units
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: PROFESSIONAL ED ADMISSION

**EDUINDP 321** GUIDING YOUNG CHILDREN II 2 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION, EARLY CHILDHOOD EDUCATION PROGRAM AND EDUINDP 319

**EDUINDP 322** WORKING WITH INFANTS, TODDLERS AND THEIR FAMILIES 3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

**EDUINDP 323** REFLECTIVE SEMINAR: EXPLORATION OF ISSUES IN EARLY CHILDHOOD EDUC 2 Units
In this course pre-service teachers 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.
PREREQ: DECLARED EARLY CHILDHOOD EDUCATION MAJOR

**EDUINDP 331** DIRECTED TEACHING A: INFANTS AND TODDLERS 6 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

**EDUINDP 332** REFLECTIVE SEMINAR: APPLICATION OF ISSUES IN EARLY CHILDHOOD EDUCATION 1 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

**EDUINDP 333** AUTHENTIC ASSESSMENT OF YOUNG CHILDREN 3 Units
This class is designed to assist candidates in acquiring skills related to informal assessment. These skills include the ability to use a variety of observation strategies, apply functional assessment strategies, use play-based and other criterion-referenced instruments, and develop and implement program evaluation strategies. Students will acquire the ability to link assessment results with IEP/IFSP processes.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM
EDUINDP 334  CHILDREN’S LITERATURE AND LANGUAGE ARTS: AGES 3 THROUGH 8  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 410  CREATING PROFESSIONAL DEVELOPMENT PLANS  1 Units
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 university higher education representatives and other members of their professional community.

EDUINDP 412  VERIFICATION OF THE PROFESSIONAL DEVELOPMENT PLAN  1 Units
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.

EDUINDP 441  DIRECTED TEACHING B: PRESCHOOL (3-4)  3 Units
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 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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 442  PLANNING FOR INDIVIDUAL NEEDS  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

EDUINDP 443A  FIELD STUDY: KINDERGARTEN (4K OR 5K) Repeatable  1 Units
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.
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 443B  FIELD STUDY: SPECIAL EDUCATION (3 THROUGH 8)  1 Units
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.
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 443C  FIELD STUDY: EARLY ELEMENTARY (1ST THROUGH 3RD GRADE)  1 Units
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.
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  MATHMATICAL CONCEPTS DEVELOPMENT IN EARLY CHILDHOOD EDUCATION  3 Units
This three-credit course will help students learn how to assess mathematical skills in young children from kindergarten through 3rd grade as well as 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 intended for children early elementary grades.
PREREQ: ADMISSION TO EARLY CHILDHOOD EDUCATION MAJOR
EDUINDP 451 REFLECTIVE SEMINAR: CAPSTONE SEMINAR 1 Units
This course allows pre-service teachers to reflect upon their coursework 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 is practiced in class.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 452 INTEGRATED CURRICULUM FOR CHILDREN 6 THROUGH 8 3 Units
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: ADMISSION TO EARLY CHILDHOOD PROGRAM

EDUINDP 453 LEADERSHIP IN EARLY CHILDHOOD EDUCATION 2 Units
This two credit hybrid based course will explore leadership development, with an emphasis on the challenges faced by educational leaders. As a hybrid course, students are expected fully engage in the learning process in class, independently and on-line (reading, reflecting, discussing, writing, thinking and problem solving both individually and as an active team member).
PREREQ: ADMISSION TO EARLY CHILDHOOD PROGRAM

EDUINDP 456 REFLECTIVE SEMINAR: PHASE FOUR PORTFOLIO 2 Units
Student Teaching Seminar provides a forum to develop a portfolio and to begin their professional career. The course is intended to ensure that the well-prepared teacher is a reflective practitioner who continually evaluates the effects of choices and actions on others (students, families, and other professionals in the learning community) and who actively seeks opportunities to grow professionally.
PREREQ: SUCCESSFUL COMPLETION OF FIVE SEMESTERS ECE MAJOR COURSES

EDUINDP 470 TEACHING ACROSS CULTURES: PEOPLE AND CULTURES OF ECUADOR 3 Units
This course ties together student teachers' study abroad experience while teaching in Ecuador. Course learning activities include visiting archeological sites, villages inhabited by indigenous populations, readings, and lectures. Students experience the geographical diversity of the Ecuadorian Andes and learn from interactions with local people and guest speakers.
PREREQ: ENROLLED IN FINAL SEMESTER OF STUDENT TEACHING

EDUINDP 490 WORKSHOP Repeatable 0.5-6 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques.

EDUINDP 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

EDUINDP 496 SPECIAL STUDIES Repeatable 0.5-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

EDUINDP 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

EDUINDP 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

EDUINDP 498R INDEPENDENT STUDY - R Repeatable 1-3 Units
Study of a selected topic or topics in undergraduate research under the direction of a faculty member. Repeatable.

Elementary/Middle Courses

ELEMMID 324 TEACHING OF SCIENCE IN THE ELEMENTARY/MIDDLE SCHOOL 3 Units
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 CURRICULAR ELEMENTARY EDUCATION MAJOR

ELEMMID 362 CHILDREN'S LITERATURE 3 Units
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 CURRICULAR ELEMENTARY EDUCATION MAJOR, EMPHASIS MC/EA OR LIBRARY MEDIA PUBLIC SPECIAL EMPHASIS OR LIBRARY MEDIA K-12 EMPHASIS MINOR
ELEMMID 363 THE TEACHING OF SOCIAL STUDIES IN THE ELEMENTARY/MIDDLE SCHOOL  3 Units
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

ELEMMID 364 TEACHING SOCIAL STUDIES IN THE MIDDLE GRADES  3 Units
Methods and curriculum for teaching social studies in the middle school. Planning, teaching and assessing of students' learning of social studies education, emphasizing the value of using effective and diverse teaching strategies and meaningful learning activities appropriate for the upper elementary and middle grades.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

ELEMMID 365 STRATEGIES FOR TEACHING VISUAL LITERACY  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

ELEMMID 366 VISUAL LITERACY AND PERFORMING ARTS INTEGRATION IN THE CLASSROOM  5 Units
This course is for elementary/middle school education majors focused on learning to design, implement, and evaluate art experiences that are integrated with other disciplines and developmentally appropriate, meaningful and challenging for all students. Lessons (designed and taught) demonstrate that the learners are developing a positive disposition towards artistic exploration and expression.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION

ELEMMID 418 MIDDLE SCHOOL SEMINAR: FOCUS ON ASSESSMENT  1 Units
This course will reflect upon the field experience in middle school grades by the student. Reflection on planning, instruction, and assessment using verbal and written assignments will promote transformative growth as a future teacher.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION COREQ: CIFLD 402 OR SPECFLD 410 OR CIFLD 406

ELEMMID 419 ELEMENTARY SCHOOL SEMINAR: FOCUS ON CULTURALLY RELEVANT PRACTICES  1 Units
This course will reflect upon the field experience in elementary school grades by the student. Reflection on planning, instruction, and assessment using verbal and written assignments will promote transformative growth as a future teacher. Reflection on culturally relevant practices as related to classroom management and assessment will be special topics of focus.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION COREQ: CIFLD 401 OR CIFLD 406

ELEMMID 421 MIDDLE LEVEL MATH METHODS  3 Units
Methods and curriculum for teaching mathematics in the middle school. Develops diverse learning experiences, environments, and roles to create deep conceptual understanding that makes sense of mathematics (how, when and why). Creative mathematical thinking is practiced through problem-solving, reasoning, modeling, and applying. Mathematical content will focus on critical areas.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
CROSS-LISTED: ELEMMID 421 AND SECNDED 421

ELEMMID 422 ELEMENTARY/MIDDLE SCHOOL ART EDUCATION  3 Units
A preparatory course for those planning to teach art in the elementary/middle school. Included will be a study of the contribution of art expression to the creative growth of the child and an analysis of the visual arts in the elementary/middle school curriculum. Various approaches to curriculum organization will be explored and materials developed for use in teaching. Required of all Broadfield Art majors and minors seeking licensure to teach art at the elementary level. Restricted to students with professional ed admission.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

ELEMMID 425 TEACHING MATHEMATICS IN THE ELEMENTARY/MIDDLE GRADES  3 Units
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

ELEMMID 472 MIDDLE LEVEL STEM METHODS APPLYING MODELING INQUIRY & DESIGN  3 Units
This course will help prospective and practicing teachers in grades 6-8 learn methods of instruction in STEM subjects, using the lens of science and math content knowledge and modeling, inquiry and design practices. Students will learn how to identify, develop, and apply and evaluate STEM challenges using project-based learning.
COREQ: CONCURRENT ENROLLMENT IN OR COMPLETION OF EDFOUND 222 OR EDFOUND 212 OR CONSENT OF INSTRUCTOR CROSS-LISTED: ELEMMID 472 AND SECNDED 472

Health Education Courses
HEALTHED 181 CONTEMPORARY HEALTH  2 Units
An investigation of health areas and behaviors as they relate to the college student.
PREREQ: PEGNRL 192 PERSONAL HEALTH AND FITNESS

HEALTHED 240 LIFE SYSTEMS  3 Units
In this course, the predominant life systems of the human body are studied along with influences of lifestyles and environmental conditions to explore the linkages to chronic diseases and injuries. Class discussions incorporate modern health promotion strategies, including client/patient involvement, behavior change, and long-term lifestyle management.
PREREQ: SOPHOMORE STANDING
HEALTHED 250  INTRODUCTION TO HEALTH EDUCATION  3 Units
An investigation of selected health behaviors as they relate to oneself, the community, and the world-at-large.
PREREQ: PEGNRL 192 PERSONAL HEALTH AND FITNESS

HEALTHED 280  INTRODUCTION TO QUALITY OF LIFE AND HEALTH PROMOTION  3 Units
This course is the designated gateway course required for students who choose to minor in health promotion and should be taken within the first 6 units of declaring a health promotion minor. It serves as an introduction to knowledge, research, and application of skills necessary for promoting health.

HEALTHED 335  EXERCISE AND HEALTH  3 Units
This is a course designed to introduce how exercise relates to an individual’s health, specifically cardiovascular endurance, relaxation and nutrition. It will include background information regarding holistic health, exercise prescription, nutrition and relaxation, and the role of exercise in illness and injury prevention will be explored.

HEALTHED 340  SECONDARY HEALTH EDUCATION  3 Units
An introduction to various health belief models and philosophies with particular emphasis on health education content at the secondary level.

HEALTHED 341  YOGA/STRESS REDUCTION  2 Units
A course designed to help students and professionals learn to effectively handle stress through specific Yoga training and mind/body connections.
PREREQ: JUNIOR/SENIOR STATUS

HEALTHED 344  PREK-12 SEXUALITY EDUCATION  3 Units
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  CURRENT TOPICS IN HEALTH AND WELLNESS  3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

HEALTHED 362  STRESS MANAGEMENT  3 Units
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/JUNIOR/SENIOR STATUS

HEALTHED 365  POSITIVE MENTAL HEALTH AND WELL-BEING EDUCATION  3 Units
This course is designed to introduce students to topics of positive mental health through the lens of the new positive health theory of well-being. Topics include how to effectively teach and approach positive mental health topics in the classroom, and highlight the mind-body connection through relating those positive mental health topics to more traditionally taught health education topics.
PREREQ: HEALTHED 250

HEALTHED 375  NUTRITION AND FITNESS EDUCATION  3 Units
This course is designed to highlight the importance of a nutritious diet, being physically active, and sleeping well as key factors to living a holistically healthy life (mentally, physically, and socially). Students will learn to teach and lesson plan for nutrition and fitness plans, sleep hygiene, including learning activities and experiences based on these topics’ most effective principles and guidelines.
PREREQ: HEALTHED 250

HEALTHED 380  TABOO TOPICS IN HEALTH EDUCATION  3 Units
This course is designed to introduce students to taboo topics in health education that are more difficult to teach/discuss in group settings (sex, drugs, and mental illness). Students will prepare and practice discussing, planning, delivering, and facilitating these topics using sensitivity training and effective communication and listening skills with the goal of increasing competency and comfort while discussing these topics.
PREREQ: HEALTHED 250

HEALTHED 382  ELEMENTARY HEALTH EDUCATION  2 Units
Teaching and learning experiences in selected content areas of health education. Designed for the elementary teacher.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

HEALTHED 440  ADVANCED STRESS MANAGEMENT  3 Units
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/HEALTHED 562 OR SOCWORK 303 OR CONSENT OF INSTRUCTOR

HEALTHED 445  TEACHING HEALTH EDUCATION  3 Units
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 470  HEALTH BEHAVIOR THEORY  3 Units
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. Health behavior theories are critically analyzed and applied to health promotion scenarios.
PREREQ: HEALTHED 280

HEALTHED 471  RESEARCH IN HEALTH AND PHYSICAL ACTIVITY  3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

HEALTHED 475  HEALTH PROMOTION PROGRAMMING  3 Units
This course will emphasize strategic planning to promote health and will apply the concepts of needs assessment, planning, implementation, and evaluation for health promotion programs.
PREREQ: JUNIOR OR SENIOR STATUS
HEALTHED 480  HEALTH PROMOTION MANAGEMENT  3 Units
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.

HEALTHED 490  WORKSHOP IN HEALTH  Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable for a maximum of 6 credits in major/degree.

HEALTHED 492  FIELD STUDY: HEALTH  Repeatable  1-12 Units
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.

HEALTHED 493  INTERNSHIP  Repeatable  6-12 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.

HEALTHED 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

HEALTHED 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

HEALTHED 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major/degree.

Leadership Mil Sci Aerospace Courses

LDRSHP 101  THE FOUNDATIONS OF THE UNITED STATES AIR FORCE  1 Units
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 Units
Continues building on framework for understanding USAF organizational structure, officership values, communicative skills, customs and courtesies, and Air Force missions.

LDRSHP 109  INTRODUCTION TO LEADERSHIP  2 Units
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.

LDRSHP 110  INTRODUCTION TO LEADERSHIP II  2 Units
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.

LDRSHP 111  LEADERSHIP LABORATORY  1 Units
Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-110. Emphasis is on understanding group dynamics and increasing student expertise in communication and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

LDRSHP 118  BASIC MILITARY RAPELLING  1 Units
Students will learn and demonstrate basic rappel techniques and safety in the classroom while demonstrating the skills developed on a vertical wall rappel. Skills will include knot tying, Swiss rappel seat construction, belay procedures and Swiss rappelling.

LDRSHP 120  INTRODUCTION TO LEADERSHIP III  2 Units
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.

LDRSHP 121  LEADERSHIP LABORATORY  1 Units
Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-120. Emphasis is on understanding group dynamics and increasing student expertise in communication and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

LDRSHP 201  THE EVOLUTION OF US AIR AND SPACE POWER I  1 Units
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.

LDRSHP 202  THE EVOLUTION OF US AIR AND SPACE POWER II  1 Units
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.

LDRSHP 210  FOUNDATIONS OF LEADERSHIP  2 Units
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 Units
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  FOUNDATIONS OF LEADERSHIP II  2 Units
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 Units
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  Repeatable  1 Units
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 301  LEADERSHIP STUDIES I  3 Units
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.

LDRSHP 302  LEADERSHIP STUDIES II  3 Units
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: LDRSHP 301

LDRSHP 310  APPLIED LEADERSHIP I  3 Units
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 CONSENT OF INSTRUCTOR

LDRSHP 311  LEADERSHIP LABORATORY  1 Units
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  APPLIED LEADERSHIP II  3 Units
A study of tactical military leadership and management principles. Discussion and practical application of military principles and small unit 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 CONSENT OF INSTRUCTOR

LDRSHP 321  LEADERSHIP LABORATORY  1 Units
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 Units
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.

LDRSHP 420  LEADERSHIP IN A COMPLEX WORLD I  3 Units
Continues the examination of 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: LDRSHP 301

LDRSHP 421  LEADERSHIP LABORATORY  1 Units
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  LEADERSHIP IN A COMPLEX WORLD II  3 Units
A continuation of the study using a 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 Units
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 421  LEADERSHIP LABORATORY  1 Units
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 461 AFROTC LEADERSHIP LAB  Repeatable  0 Units
Provides a structured environment within which commissioning candidates can demonstrate and fine tune leadership, management and professional officer skills. Cadets examine their own leadership/followership strengths and weaknesses through practical application.

LDRSHP 496 SPECIAL STUDIES  Repeatable  1-3 Units
LDRSHP 498 INDEPENDENT STUDIES  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Physical Education Field Courses
PEFIELD 411 DIRECTED TEACHING PHYSICAL EDUCATION-
ELEMENTARY SCHOOL  1-12 Units
Directed Teaching - Physical Education - Elementary
PREREQ: PEPROF 492 AND SUCCESSFUL COMPLETION OF PEPROF 437
AND PEPROF 447

PEFIELD 414 DIRECTED TEACHING PHYSICAL EDUCATION-
SECONDARY  1-12 Units
Directed Teaching - Physical Education - Secondary
PREREQ: PEPROF 492 AND SUCCESSFUL COMPLETION OF PEPROF 437
AND PEPROF 447

Physical Education General Courses
PEGNRL 100 CREDIT FOR VETERANS WITH SIX MONTHS ACTIVE
SERVICE  1 Units
CREDIT FOR VETERANS WITH SIX MONTHS ACTIVE SERVICE

PEGNRL 103 BEGINNING ARCHERY  0.5 Units
An activity course designed to teach the student the fundamental techniques of archery for use as a leisure-time activity.

PEGNRL 104 BEGINNING BADMINTON  0.5 Units
An activity course designed to teach the student the basic skills, knowledges, strategies, and understandings of badminton.

PEGNRL 108 BEGINNING BOWLING  0.5 Units
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  0.5 Units
A course designed to develop the bowler on the intermediate skill level through intermediate and advanced techniques.

PEGNRL 114 BEGINNING RACQUETBALL  0.5 Units
This activity course is designed to teach the fundamental skills of racquetball. Students will develop a basic understanding of the skills, rules, history, and strategies needed to play racquetball

PEGNRL 117 INTRODUCTION TO MOUNTAIN BIKING  1 Units
This is a beginning level, weekend only, introduction into the sport of mountain biking. The majority of the class will meet at the Kettle Moraine State Park for instruction and activity. A course fee of $20.00 for State Park Permit. Additional course fee of $85.00 for mountain bike rental if needed.

PEGNRL 118 BASIC MILITARY RAPPELLING  1 Units
Students will learn and demonstrate basic rappel techniques and safety in the classroom while demonstrating the skills developed on a vertical wall rappel. Skills will include knot tying, Swiss rappel seat construction, belay procedures and Swiss rappelling.
CROSS-LISTED: PEGNRL 118 AND LDRSHP 118

PEGNRL 120 BEGINNING GOLF  0.5 Units
To learn the basic skills, rules, and etiquette of golf for use as a leisure-time activity.

PEGNRL 121 INTERMEDIATE GOLF  0.5 Units
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  1 Units
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 & amintenance, basic physiological benefits, cycle touring and route development. Trips will be on low traveled roads and bike paths. Bikes and helmets are available.

PEGNRL 141 BEGINNING YOGA  0.5 Units
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  0.5 Units
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 150 BEGINNING SWIMMING (ARC LEVELS III-IV)  0.5 Units
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.

PEGNRL 151 INTERMEDIATE SWIMMING (ARC LEVEL V-VI)  0.5 Units
An activity course designed to polish the students front crawl and back crawl, as well as develop proficiency in the breaststroke and sidestroke. The butterfly, approach stroke, turns, and surface dives are introduced.
PREREQ: ARC LEVEL IV OR ITS EQUIVALENT

PEGNRL 158 BEGINNING SKIN AND SCUBA DIVING  1 Units
An activity course emphasizing basic skin and scuba diving knowledges, skills, safety precautions, and recreational benefits through 22 hours of classroom and practical work. Successful completion of the course qualifies students for check-out dives and final scuba diver certification. The course is taught under the auspices of the Professional Association of Diving Instructors (PADI).

PEGNRL 159 BEGINNING CANOEING  1 Units
An activity course designed to develop techniques and safety skills necessary for river and lake canoeing. Students will be responsible for the cost of transportation.

PEGNRL 160 BEGINNING TENNIS  0.5 Units
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  0.5 Units
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  0.5 Units
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 0.5 Units
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 0.5 Units
An activity course designed to teach the intermediate physical and mental skills of Tae Kwon Do, a Korean martial art. The course will review skills learned in Beginning Tae Kwon Do. Emphasis will be placed on forms and self-defense techniques.

PEGNRL 177 INTRODUCTION TO MARTIAL ARTS WEAPONS 0.5 Units
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: BEGINNING TAE KWON DO OR CONSENT OF INSTRUCTOR

PEGNRL 178 ADVANCED TAE KWON DO 1 Units
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 175 AND PEGNRL 176

PEGNRL 179 MARTIAL ARTS SPARRING TECHNIQUES Repeatable 0.5 Units
Course focuses on techniques, strategies, and skills to improve self-defense and martial arts competition.

PREREQ: PEGNRL 175; COREQ: PEGNRL 176

PEGNRL 183 EXERCISEWALKING 0.5 Units
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 Repeatable 1 Units
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 0.5 Units
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 1 Units
An activity course which develops students understanding of the importance of a healthy lifestyle, while experiencing the choices available. Students will develop a basic understanding of creating and/or assessing healthy and safe exercise program(s) relative to their goals and needs.

PEGNRL 193 INTERCOLLEGIATE ATHLETIC PARTICIPATION Repeatable 1 Units
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.)

PEGNRL 198 INDEPENDENT STUDY Repeatable 0.5-3 Units
Variable topics. Individual activity in an area of special interest for a variable number of units under the sponsorship and guidance of a faculty member.

PEGNRL 199 WORKSHOP Repeatable 0.5-3 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques.

PEGNRL 490 WORKSHOP Repeatable 0.5-3 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques.

PEGNRL 497 EXCHANGE STUDY Repeatable 0.5-12 Units
Variable topics.

PEGNRL 498 INDEPENDENT STUDY Repeatable 0.5-3 Units
Variable topics. Individual activity in an area of special interest for a variable number of units under the sponsorship and guidance of a faculty member.

Physical Education Professional Courses

PEPROF 165 INTRODUCTION TO PHYSICAL EDUCATION Teaching Profession 2 Units
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. Focus will be on the development of 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 166 INTRODUCTION TO PHYSICAL EDUCATION Teaching Profession 3 Units
This course introduces students to the physical education teaching profession who are in pursuit of a Physical Education EC-12 teaching license. The course presents the role physical education plays in the overall development and education of children. Students focus on learning national standards and guidelines related to the physical education profession.

PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 173 TEACHING TUMBLING AND GYMNASTICS 3 Units
A course designed to teach basic tumbling and gymnastic skills, as well as develop an understanding of mechanical principles required in movement concepts, exploration in and out of balance, skill combinations, creativity and safety. Students develop competence necessary to teach skill progressions, teaching techniques and mechanical skill analysis used in a K-12 physical education settings, including "hands on" teaching experiences.

PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 201 STRUCTURE AND FUNCTION OF THE HUMAN BODY I 4 Units
This course is designed to study the basic anatomy and function of bones, muscles and joints throughout the body. Through lectures and labs, emphasis will be placed on the interrelationships between the structure and function of the body and its application to human movement.

PREREQ: BIOLOGY 120 BIOLOGICAL FOUNDATIONS (GL)

PEPROF 202 STRUCTURE AND FUNCTION OF THE HUMAN BODY II 3 Units
This course is designed to explore the structure, function and ways homeostasis is maintained within the autonomic nervous, cardiovascular, respiratory, immune, digestive, endocrine, renal, and sensory systems. Metabolism and nutrition will also be discussed, and emphasis will be placed on the interrelationships between the structure and function of the body and its application to human movement.

PREREQ: BIOLOGY 120 BIOLOGICAL FOUNDATIONS (GL)
PEPROF 209 INVESTIGATING COMMUNITY PROFESSIONS IN PHYSICAL EDUCATION 1 Units
This course prepares students majoring in Physical Education, who are not pursuing a teaching license, for the required Field Study course. This course provides resources and instruction for designing a plan for professional development and field study placement. Students will visit potential field study sites, interview professionals and develop a resume. Satisfactory/No Credit grade basis only.

PEPROF 230 TEACHING OF AQUATICS 2 Units
Stroke introduction, refinement and proficiency as outlined in the American Red Cross program; Levels 1-6. Teaching technique and lesson planning emphasis for supporting K-12 school swim programs, including stroke progression, fitness activities, and basic water safety. Deep water level comfort is necessary. PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS AND INTERMEDIATE SWIM LEVEL CARD (AMERICAN RED CROSS) OR PROFICIENCY (PASSED HPREC SWIM TEST) OR CONSENT OF INSTRUCTOR

PEPROF 240 STANDARDS-BASED CURRICULUM AND PLANNING 3 Units
This course prepares students to develop, design, and change programs to align with State and National physical education standards. It provides knowledge of curricular models and associated pedagogical practices in standards-based physical education programs. Curricular models are addressed and standards, benchmarks, grade level adaptations, and unit planning by model are covered with an emphasis on using a reflective approach. PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 250 MOTOR DEVELOPMENT AND LEARNING 3 Units
This course introduces the theoretical foundations of motor development and motor learning and explores the practical application in the teaching of motor skills in school settings. PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 260 ASSESSMENT IN PHYSICAL EDUCATION 3 Units
A study of principles and techniques used to evaluate pupil progress in PE through a survey of available testing instruments and the use of statistics. This course is designed to develop the assessment literacy skills of PETE majors. The ability to collect, analyze, evaluate and present data accurately will be developed. Meaningful ways that assessment links to accountability are presented. PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 270 MOTOR CONTROL AND PERFORMANCE 3 Units
This course combines the conceptual process of motor development with the application of theoretical models to human performance. Class lecture sessions explore how sensory information is processed to produce motor outputs, factors that influence motor accuracy, and factors that influence how motor skills are learned. Laboratory sessions apply these principles to structure effective practice routines that facilitate motor performance development. PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 271 STRUCTURE AND FUNCTION OF THE HUMAN BODY 4 Units
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 Units
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. PREREQ: SOPHOMORE STATUS

PEPROF 282 NUTRITION FOR HEALTH 3 Units
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: PEPROF 201 AND PEPROF 202

PEPROF 302 BIOMECHANICS OF SPORT AND EXERCISE 3 Units
This course is designed to explore human movement through structural, functional and mechanical analysis. Through lectures and labs, emphasis will be placed on methods of analyzing human movement and the application of movement mechanics to exercise and sport performance. PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 311 EXERCISE PSYCHOLOGY 3 Units
This course provides an introduction to selected topics in exercise psychology including exercise and personality traits, group dynamics, environmental correlates, and theoretical models of exercise. The course content is designed to provide students with an overview and understanding of theoretical foundations of exercise psychology, research associated with exercise psychology, and the implications of exercise psychology research on practitioners. PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 315 PERSONAL TRAINER PROFESSIONAL PREPARATION 3 Units
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. PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>PEPROF 328</td>
<td>PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER</td>
<td>2</td>
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<td>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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION</td>
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<tr>
<td>PEPROF 345</td>
<td>TEACHING COOPERATIVE/ADVENTURE/OUTDOOR EDUCATION</td>
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<td>This course introduces models and activities of including cooperative, initiate games, adventure and outdoor education activities. Students will learn how to implement the games and activities with different ages and varying abilities in elementary and secondary physical education programs.</td>
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<tr>
<td>PEPROF 355</td>
<td>TEACHING INVASION GAMES</td>
<td>3</td>
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<td>This course introduces the theory, history, and teaching of Invasion games. Students will demonstrate concepts of moving an implement into the opposing team's zone and successfully attacking the goal/target area, staying between the offensive player and the goal, attacking and defending a goal, and maintaining possession. Focus will be on offensive and defensive strategies for a variety of games. PREREQ: PEPROF 165 OR PEPROF 166</td>
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<tr>
<td>PEPROF 361</td>
<td>PHYSICAL ACTIVITY AND RECREATION FOR SPECIAL POPULATIONS</td>
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<td>This course introduces concepts of therapeutic recreation practice, including the history of the profession, current trends, and an overview of various disabilities and disorders across the lifespan. Students will have opportunities to develop the skills and abilities necessary to work with persons with disabilities through field-based activities. PREREQ: JUNIOR STANDING</td>
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<td>PEPROF 365</td>
<td>TEACHING FITNESS IN PHYSICAL EDUCATION</td>
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<td>This course introduces the foundations and components of health-related, skills based, and performance based fitness, as well as appropriate curriculum and equipment for K-12 programming, effective teaching principles, and assessment of physical activity and fitness. PREREQ: PEPROF 165 OR PEPROF 166</td>
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<tr>
<td>PEPROF 371</td>
<td>KINESIOLOGY</td>
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<td>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</td>
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<td>PEPROF 391</td>
<td>HEALTH BEHAVIOR DEVELOPMENT &amp; SOCIETY</td>
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<td>This course provides an introduction to the development, behavioral and social science factors that influence health and disease. Relationships between developmental experiences, behaviors, and societal outcomes are explored, and students become prepared to apply concepts to help support the well-being of individuals and communities. PREREQ: JUNIOR STANDING</td>
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<td>PEPROF 400</td>
<td>TEACHER PERFORMANCE ASSESSMENT</td>
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<td>Prepares students with the knowledge, understandings and skills to complete teacher performance measures during student teaching. Topics include edTPA handbook and task overviews, understanding rubric-based scoring, lesson plan and unit plan tips for success, academic language, technical skills for collecting and selecting video clips, how to answer commentary prompts, and how to start the teacher performance assessment quickly and effectively. COREQ: PEFIELD 411 AND 414</td>
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<td>PEPROF 407</td>
<td>TEACHING RHYTHMS AND DANCE</td>
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<td>This course teaches future physical educators how to have children explore movement through music, develop coordination and rhythm, channel energy, stimulate imagination, enhance balance, flexibility and skill. Students will analyze movements used in basic dance steps and dances, develop self-confidence, improve their technique and creative ability. Choreography, fitness, and teaching practices will be explored in educational dance.</td>
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<tr>
<td>PEPROF 410</td>
<td>STUDENT TEACHING SEMINAR-PHYSICAL EDUCATION</td>
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<td>This course discusses topics current for the physical education teaching profession, including Educator Effectiveness Model, Professional Development Programs, Student Learning Outcomes, State legislation, and monitors the preparation for edTPA submission and revisions. COREQ: CONCURRENTLY ENROLLED IN DIRECTED TEACHING PEFIELD 411 AND/OR PEFIELD 414</td>
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<tr>
<td>PEPROF 415</td>
<td>HEALTH APPRAISAL AND EXERCISE TESTING</td>
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<td>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. PREREQ: PEPROF 201 AND PEPROF 202</td>
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<td>PEPROF 416</td>
<td>EXERCISE PRESCRIPTION AND LEADERSHIP</td>
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<td>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. PREREQ: PEPROF 201, 202, AND 282, OR INSTRUCTOR'S PERMISSION.</td>
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<tr>
<td>PEPROF 417</td>
<td>TEACHING NET/WALL GAMES</td>
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<td>This course introduces theory and strategies of Net/Wall games. Focus is on the fundamentals of shot placement, covering space, understanding movement, serve and returning an object, rules, and sustaining a rally. Instruction will be focused on offensive strategies, defensive strategies, and skill progressions for a variety of Net/Wall games</td>
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<tr>
<td>PEPROF 427</td>
<td>TEACHING TARGET GAMES</td>
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<td>This course introduces the theory, strategies, history, and teaching of Target games. Students will understand that a player either throws, slides, shoots, or strikes an object with the goal of having that object land closest too or in a designated target. Instruction will be focused on offensive strategies and defensive strategies for a variety of Target games</td>
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<tr>
<td>PEPROF 437</td>
<td>METHODS OF TEACHING PHYSICAL EDUCATION IN ELEMENTARY SCHOOLS</td>
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<td>This course prepares students to become highly effective physical educators through the practice of planning, implementing and evaluating the teaching-learning process at the elementary school level. The course includes selection and organization of materials and techniques of instruction. There is an emphasis on skill-based and movement education oriented physical education programs for children in 4K to 5th grade. PREREQ: ADMISSION TO PROFESSIONAL EDUCATION. AND WITHIN TWO SEMESTERS OF STUDENT TEACHING COREQ: PEPROF 492 (2 CREDITS)</td>
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PEPROF 447 METHODS OF TEACHING PHYSICAL EDUCATION IN SECONDARY SCHOOLS 3 Units
This course introduces developmentally appropriate curriculum, methodologies, and assessment for middle through high school physical education programs. Emphasis is placed on planning and teaching for learning and assessment.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION. AND WITHIN TWO SEMESTERS OF STUDENT TEACHING COREQ: PEPROF 492 (1 CREDITS)

PEPROF 466 LITERACY IN PHYSICAL EDUCATION 3 Units
Literacy in Physical Education prepares teacher candidates to integrate reading, writing, speaking and listening skills into physical activities. This course provides information and activities that can be used to meaningfully integrate literacy across the K-12 curriculum. Methods of using assessment to enhance literacy and as part of a teacher's reflective cycle are covered.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION

PEPROF 471 PHYSIOLOGY OF EXERCISE 3 Units
A comprehensive study of physiological changes which occur during exercise and 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, and environmental aspects of exercise and the effect of conditioning on the body.
PREREQ: PEPROF 201, 202, 270, AND MATH 230 OR INSTRUCTOR'S PERMISSION

PEPROF 472 ADVANCED PHYSIOLOGY OF EXERCISE 3 Units
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 ADAPTED PHYSICAL EDUCATION FOR LICENSURE STUDENTS 3 Units
This course focuses on adapted physical education teaching strategies and service delivery models in PK-12 settings. The etiology and effects of select physical, sensory, intellectual and other developmental disabilities will be addressed. Content emphasizes movement implications and strategies to enhance physical activity behavior and pedagogical methods for integrating students in a variety of age appropriate physical activities.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION AND WITHIN THREE SEMESTERS OF STUDENT TEACHING

PEPROF 477 ACTIVITIES OF INCLUSION FROM A-Z IN PHYSICAL EDUCATION 3 Units
This course will focus on physical, social/emotional, fitness, recreational, lifetime and cognitive activities ranging from A-Z that may be used in a gymnasium, recreational environment, outdoors, classroom, or any other environment where children may gather for learning and interaction. This course will include activities that are hands-on, innovative, and interactive to promote inclusion in physical education.
PREREQ: ADAPTED PHYSICAL EDUCATION FOR LICENSURE STUDENTS OR PERMISSION OF INSTRUCTOR

PEPROF 481 CAPSTONE: RESEARCH IN THE PERFORMANCE SCIENCES 3 Units
This is the capstone course for the Human Performance major. Students will complete a research project based on a topic from one of the core courses they wish to examine in greater depth. The course will blend research methods content with practical application by bringing students through the research proposal preparation process and mentoring students through the project implementation process.
PREREQ: SENIOR STANDING AND PREFERABLE TO HAVE ALL OTHER HHPR REQUIREMENTS COMPLETED.

PEPROF 490 WORKSHOP IN PHYSICAL EDUCATION Repeatable 0.5-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 9 credits in major/degree.

PEPROF 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

PEPROF 492 FIELD STUDY Repeatable 1-12 Units
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.
PREREQ: JUNIOR/SENIOR STATUS

PEPROF 493 HEALTH, HUMAN PERFORMANCE & RECREATION INTERNSHIP Repeatable 6-12 Units
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 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined area of interest. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

PEPROF 496 SPECIAL STUDIES Repeatable 0.5-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS

PEPROF 497 EXCHANGE STUDY Repeatable 0.5-12 Units
Variable Topics

PEPROF 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major/degree.
PREREQ: PHY ED MAJORS OR MINORS AND 2.75 GPA OR DEPARTMENT CONSENT
Reading Courses

READING 360  FOUNDATIONS OF LITERACY IN THE ELEMENTARY/MIDDLE SCHOOL  3 Units
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: PROFESSIONAL ED ADMISSION

READING 361  EMERGENT LITERACY AND BEGINNING READING INSTRUCTION  3 Units
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: PROFESSIONAL ED ADMISSION

READING 461  LITERACY ASSESSMENT AND RESPONSIVE INTERVENTION STRATEGIES  3 Units
This course covers the principles, assessments, approaches, and strategies used in reading interventions for emerging and beginning readers who may be at risk for reading difficulty. These principles include phonemic awareness, phonics, fluency, vocabulary, and comprehension. The development of individualized and small group reading programs designed to match student needs will be addressed.
PREREQ: READING 360 OR READING 361

READING 462  LITERACY INSTRUCTION IN THE ELEMENTARY/MIDDLE GRADES  5 Units
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  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

Recreation Courses

RECREATN 232  INTRODUCTION TO RECREATION AND LEISURE  2 Units
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 233  INTRODUCTION TO SPORT MANAGEMENT  2 Units
This course will introduce students to the history of the sport industry and the role of the sport manager. Students will develop an understanding of potential career outlets in these fields. Students will apply concepts of administration and management of sport to their future professional practice.

RECREATN 320  LEADERSHIP AND FACILITATION OF RECREATIONAL GAMES  3 Units
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  RECREATION PROGRAMMING  3 Units
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 DUE TO PREVIOUS RECREATION LEADERSHIP EXPERIENCE (EX. YOUTH RESIDENT CAMP COUNSELOR OR RESIDENT ASSISTANT EXPERIENCE)

RECREATN 360  AGING AND LEISURE  3 Units
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  ADVENTURE AND SPORT TOURISM  3 Units
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/SENIOR STATUS

RECREATN 388  SPECIAL EVENTS MANAGEMENT  3 Units
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/SENIOR STATUS

RECREATN 391  OUTDOOR RECREATION LEADERSHIP  3 Units
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 423  RESEARCH AND EVALUATION IN RECREATION AND LEISURE STUDIES  3 Units
This course places emphasis on research involving recreation and leisure service provision, evaluation of leisure service programs, and research methodology. Topics will include: review of existing literature, research design, data collection, and data analysis.
PREREQ: JUNIOR/SENIOR STATUS

RECREATN 440  COMMERCIAL AND ENTREPRENEURIAL RECREATION  3 Units
Students in this class will explore commercial recreation, entrepreneurialism, and basics of travel and tourism. Topics include an overview of entrepreneurial recreation, economics, marketing and financing commercial recreation endeavors, and exploring various opportunities available in the commercial and private sector.

RECREATN 450  PLANNING, DESIGN, AND MANAGEMENT OF RECREATION FACILITIES  3 Units
This course will introduce management theories and provide practical experience in the design, development, operation, maintenance, and administration of various recreation facilities.
Secondary Education Courses

SECNDED 421  MIDDLE LEVEL MATH METHODS  3 Units
Methods and curriculum for teaching mathematics in the middle school. Develops diverse learning experiences, environments, and roles to create deep conceptual understanding that makes sense of mathematics (how, when and why). Creative mathematical thinking is practiced through problem-solving, reasoning, modeling, and applying. Mathematical content will focus on critical areas.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
CROSS-LISTED: ELEM MID 421 AND SECNDED 421

SECNDED 423  MIDDLE/SECONDARY SCHOOL ART EDUCATION  3 Units
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 AND PROFESSIONAL ED ADMISSION

SECNDED 426  METHODS OF TEACHING ENGLISH AND LANGUAGE ARTS  3 Units
Engages the students in shaping viable perspective for teaching English in todays 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 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 427  METHODS OF TEACHING WORLD LANGUAGES  3 Units
An introduction to the principles and techniques of teaching modern world languages designed to prepare students for the Teaching Practicum. Emphasis is placed on a communicative approach to learning for particular adolescents; and in preparing generally for the Teaching Practicum.
PREREQ: EDFOUND 212 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 428  THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL  3 Units
PREREQ: EDFOUND 212 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 429  METHODS OF TEACHING SCIENCE  3 Units
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 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
SECNDED 430 THE TEACHING OF SOCIAL STUDIES IN THE SECONDARY SCHOOL 3 Units
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 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 434 TEACHING THEATRE IN THE SECONDARY SCHOOL 3 Units
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 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 440 METHODS OF TEACHING MARKETING EDUCATION 2 Units
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 CREDITS OF MARKETING-RELATED COURSES; PREREQ: PROFESSIONAL ED ADMISSION

SECNDED 441 METHODS OF TEACHING ACCOUNTING 3 Units
A study of course content in accounting 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 OR ACCOUNT 701; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION OR CONSENT OF INSTRUCTOR

SECNDED 442 METHODS OF TEACHING COMPUTER APPLICATIONS AND PROGRAMMING 2 Units
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 CIBME 245; OR CONSENT OF INSTRUCTOR

SECNDED 444 METHODS OF TEACHING BASIC BUSINESS SUBJECTS 2 Units
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.
COREQ: FBNLSW 341 OR CIBME 401, ONE OF WHICH MAY BE TAKEN CONCURRENTLY. PREREQ: ADMISSION TO PROFESSIONAL EDUCATION

SECNDED 460 SECONDARY FIELD STUDY SEMINAR 3 Units
Designed to support students in field study during the Secondary Methods Block with opportunities for focused reflection, discussion, and close supervision of preparation for performance assessment tasks. Offered on a satisfactory/no credit basis only.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION COREQ: CIFLD 402 OR CIFLD 404 OR CIFLD 408

SECNDED 466 LITERACY IN THE DISCIPLINES 3 Units
Students will develop an understanding of the role of literacy within and across the disciplines. They will design secondary classroom literacy materials according to a theoretical framework of how learners use multiple literacies, with emphasis on the application of skills within the disciplines in order to maximize student learning.
PREREQ: EDFOUND 212 OR EDFOUND 222 OR EDFOUND 478 AND PROFESSIONAL ED ADMISSION

SECNDED 472 MIDDLE LEVEL STEM METHODS APPLYING MODELING INQUIRY & DESIGN 3 Units
This course will help prospective and practicing teachers in grades 6-8 learn methods of instruction in STEM subjects, using the lens of science and math content knowledge and modeling, inquiry and design practices. Students will learn how to identify, develop, and apply and evaluate STEM challenges using project-based learning.
COREQ: CONCURRENT ENROLLMENT IN OR COMPLETION OF EDFOUND 222 OR EDFOUND 212 OR CONSENT OF INSTRUCTOR CROS-LISTED: ELEMMID 472 AND SECNDED 472

Special Education Courses

SPECED 201 DISABILITY, RACE, & ETHNICITY IN SOCIETY 3 Units
The course addresses the perspectives and social construction of disability in underrepresented groups (e.g., African Americans, Latina). The course focuses on the intersection of political, racial, and cultural context of disability. Particular attention is given to perceptions of access to resources pertaining to underrepresented groups. Strategies to promote access, authentic and more equitable and responsive services are discussed.

SPECED 205 INTRODUCTION TO SPECIAL EDUCATION 3 Units
A survey course designed to familiarize students with the psychological, physiological and educational problems that confront persons with intellectual disabilities, gifts and talents, emotional or behavioral disorders, speech impairments, auditory impairments, visual impairments, and orthopedic and neurological impairments.

SPECED 290 WORKSHOP 1-3 Units

SPECED 321 CHARACTERISTICS OF AND INTERVENTIONS FOR EBD 3 Units
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: (1) SPECED 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A EMPHASIS

SPECED 322 CHARACTERISTICS AND INTERVENTIONS FOR INTELLECTUAL DISABILITIES 3 Units
This course is designed to introduce students to the field of intellectual disabilities. Students will be presented with information on the causes and characteristics; eligibility requirements; current cultural and historical views of intellectual disabilities; and social emotional, medical, physical, educational, and life-span considerations for individuals with intellectual disabilities.
PREREQ: (1) SPECED 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A EMPHASIS
**SPECED 325** CHARACTERISTICS AND INTERVENTIONS FOR LEARNING DISABILITIES 3 Units
This course provides an examination of the field of learning disabilities. Emphasis on the concept of learning disabilities, etiology, diagnosis, characteristics, teaching strategies, theory, historical influences, and current trends. Eligibility and models of service delivery will also be examined.
PREREQ: (1) SPECED 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A

**SPECED 326** INTRODUCTION TO INDIVIDUALIZED DIAGNOSTIC ASSESSMENT OF EEN 3 Units
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: SPECED 205 AND ADMISSION TO PROFESSIONAL EDUCATION

**SPECED 360** BEHAVIOR MANAGEMENT FOR THE INCLUSIVE CLASSROOMS 3 Units
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: ADMISSION TO PROFESSIONAL EDUCATION, SPECED 205

**SPECED 361** INCLUSIVE METHODS OF INSTRUCTION 3 Units
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: SPECED 321, 325 AND ADM PROF ED OR MINOR AND ADM PROF ED COREQ: SPECFLD 385 OR SPECED MINOR AND ADM PROF ED

**SPECED 365** EVIDENCE BASED EARLY INTERVENTION FOR INFANTS AND TODDLERS 2 Units
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: EARLY CHILDHOOD MAJOR AND ADMISSION TO PROFESSIONAL EDUCATION OR CONSENT OF INSTRUCTOR

**SPECED 376** MEDICAL ASPECTS OF DISABILITY 3 Units
This course focuses on the study of the medical, physiological, neurological, physical, developmental, and sensory characteristics of persons who experience conditions which impact educational goals and programming. Emphasis areas include the etiology, development, and life experiences of children for whom families and professionals provide individualized care and education. Pre-, peri-, and post-natal conditions affecting human development are discussed.
PREREQ: SPECED 205 (OR EQUIVALENT COURSE) OR EARLY CHILDHOOD EDUCATION MAJOR OR CONSENT OF INSTRUCTOR

**SPECED 406** TRANSITION PROGRAMMING FOR STUDENTS WITH DISABILITIES 3 Units
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 321, SPECED 322, SPECED 325, AND ADMISSION TO PROFESSIONAL EDUCATION (FOR MAJORS) OR CONSENT OF INSTRUCTOR (FOR NON-MAJORS)

**SPECED 440** ADVANCED BEHAVIOR INTERVENTION STRATEGIES 3 Units
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 321, 326, 360, SPECFLD 410, AND ADMISSION TO PROFESSIONAL ED COREQ: (SPECFLD 485A) OR (SPECFLD 485B AND 485C)

**SPECED 458** COLLABORATION FOR EFFECTIVE INSTRUCTION 3 Units
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: SPECED MAJOR, SPECED 205, SPECED 326, SPECED 466, SPECFLD 385 AND ADM PROF ED; COREQ: SPECFLD 410; OR SPECED MINOR, SPECED 205, SPECED 361, SPECED 326, SPECED 466, SPECFLD 385, ADM PROF ED; COREQ: SPECFLD 410

**SPECED 461** STANDARDIZED ASSESSMENT FOR DIVERSE LEARNERS 3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

**SPECED 462** EDUCATIONAL-DIAGNOSIS AND ASSESSMENT IN LD, E/BD, ID 3 Units
A course designed to develop advanced diagnostic skills for elementary/secondary students with mild/moderate disabilities (LD, ED, ID). 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/trends are discussed.
PREREQ: SPECED 326, RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
**SPECED 465 CURRICULUM AND METHODS FOR INTELLECTUAL DISABILITIES - FUNCTIONAL 3 Units**
This course covers content for persons who will work with individuals who have moderate and/or severe disabilities. It 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 is on all aspects of functional programs across home, school, community and vocational environments.
PREREQ: SPECED 205, SPECED 322, SPECED 326 AND ADMISSION TO PROFESSIONAL EDUCATION

**SPECED 466 WORKING WITH PARENTS OF EXCEPTIONAL CHILDREN & COMMUNITY AGENCIES 3 Units**
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: (1) SPECED 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A EMPHASIS

**SPECED 473 PHASE 3 (edTPA Gateway) PORTFOLIO 3 Units**
This course assists undergraduate teacher candidates with development of phase 3/edTPA gateway portfolio. Artifacts are constructed after teacher candidates have completed two field placements. The artifacts demonstrate competencies in the Council for Exceptional Children (CEC) and Wisconsin Teaching Standard (WTS).
PREREQ: SPECED 458; SPECFLD 410; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

**SPECED 475 LEGAL COMPLIANCE IN SPECIAL EDUCATION 3 Units**
Students will review laws governing the education of students with disabilities, learn specifics of individualized education program compliance and practice program writing and development that meet both the letter and intent of federal and state law. Students will also explore common areas of noncompliance and learn strategies to prevent noncompliance.
PREREQ: SPECED 458; SPECFLD 410; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

**SPECED 476 CURRICULUM/METHODS/MATERIALS FOR THOSE WITH MULTIPLE DISABILITIES 3 Units**
For persons interested in acquiring specialized techniques and strategies in the care, instruction, programming, and management of individuals with physical, motor, medical, intellectual, 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: EARLY CHILDHOOD MAJOR AND ADMISSION TO PROFESSIONAL EDUCATION OR CONSENT OF INSTRUCTOR

**SPECED 480 DIRECTED TEACHING/INTERNSHIP PRACTICA AND PHASE 4 SEMINAR 3 Units**
The focus of this course is to support undergraduate and graduate teacher candidates to use formal and informal assessments, apply evidence-based practices in instruction, behavior management, working with families and community agencies in special education, gain first-hand experiences with diverse learners with disabilities, experience the different types and levels of service delivery models in different emphasis areas across the special education continuum, and reflect on how, when, and why specific evidence-based practices are implemented in public school and alternative school settings. Teacher candidates will explore respective roles and responsibilities of all student teaching personnel. Attention is also given to the recognition and application of skills and activities fundamental to the development of effective teachers. Teacher candidates will complete all special education department requirements including the Educator Teacher Performance Assessment (edTPA), unit plans, an IEP FBA, and BIP along with online reflection journal submissions.
PREREQ: PRAXIS II, NO 'I'S OR C OR LOWER IN SPECED/SPECFLD COURSES, 2.75 GPA; COREQ: SPECFLD 489A, SPECFLD 489D OR SPECFLD 489B, SPECFLD 489C, SPECFLD 489D

**SPECED 486 ACADEMIC INTERVENTION I 3 Units**
The course addresses phonemic awareness, phonics, advanced word reading, and reading fluency for students who struggle to read and have disabilities. Through using research validated strategies in phonemic awareness, decoding, fluency, spelling, and handwriting, the processes and skills children and adolescents use to read fluently are examined as well as similarities and differences in reading instruction in special/general education.
PREREQ: SPECED 321, SPECED 322, SPECED 325, AND ADMISSION TO PROFESSIONAL EDUCATION

**SPECED 487 ACADEMIC INTERVENTION II 3 Units**
This course addresses reading and writing instruction across the curriculum and interventions. The processes and skills children and adolescents engage in to develop vocabulary, comprehend text, and compose quality written work are examined. Specifically the difficulties encountered by students with language and learning differences are reviewed and research providing “best practices” in teaching vocabulary, comprehension and writing as tools for literacy development will be emphasized. Student will develop skills for teaching reading/writing vocabulary, reading comprehension, and writing process/products and explore technology that supports instruction. Students will master instructional strategies for reading comprehension, vocabulary knowledge, and the development and fluency skills involved in written composition.
PREREQ: SPECED 486 OR SPECED 686 AND ADMISSION TO PROFESSIONAL ED

**SPECED 490 WORKSHOP Repeatable 1-10 Units**
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

**SPECED 494 SEMINAR - SPECIAL EDUCATION Repeatable 1-3 Units**
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

**SPECED 496 SPECIAL STUDIES Repeatable 1-4 Units**
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.
PREREQ: SPECED 205 OR CONSENT OF INSTRUCTOR
SPECED 497 Exchange Study Repeatable 1-12 Units
Variable topics.

SPECED 498 Independent Study Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

Special Education Field Courses

SPECFD 385 Cross Categorical Field Work 2 Units
This field experience provides all students with the opportunity to observe and participate with classrooms for children with cross-categorical educational needs with intellectual disabilities, emotional/behavioral disorders and learning disabilities.
PREREQ: SPECED MAJOR; SPECED 321, SPECED 322, SPECED 325, AND ADMISSION TO PROFESSIONAL EDUCATION. SPECED MINOR: SPECED 325 AND ADMISSION TO PROFESSIONAL EDUCATION COREQ: SPECED 361 (MAJOR)

SPECFD 410 General Education Field Experiences 2 Units
This field experience provides students with experience in a general education classroom where inclusionary practices for individuals with special needs are applied including 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: SPECED MAJOR AND SPECED 361 AND SPECFD 385 AND ADMISSION TO PROFESSIONAL EDUCATION, OR SPECED MINOR AND SPECED 361 AND ADMISSION TO PROFESSIONAL EDUCATION COREQ: SPECED 458 AND ADMISSION TO PROFESSIONAL EDUCATION

SPECFD 485A Specialization Field Work - Intellectual Disabilities 2 Units
This field experience provides the opportunity to work with students who have intellectual disabilities.
PREREQ: SPECFD 385, 410, AND ADMISSION TO PROFESSIONAL ED COREQ: SPECED 440 AND 473

SPECFD 485B Specialization Field Work - Learning Disability 1 Unit
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 361, SPECFD 385, 410 AND ADMISSION TO PROFESSIONAL ED; COREQ: SPECED 440, 473, AND SPECFD 485C

SPECFD 485C Specialization Field Work - Emotional/Behavioral Disorders 1 Unit
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 361, SPECFD 385, 410, AND ADMISSION TO PROFESSIONAL ED; COREQ: SPECED 440, 473, AND SPECFD 485B

SPECFD 489A Directed Teaching Special Education - Intellectual Disabilities 6 Units
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, NO INCOMPLETE OR GRADES LOWER THAN C IN MAJOR OR LICENSURE COURSES, 2.75 GPA COREQ: SPECFD 489D, SPECED 480

SPECFD 489B Directed Teaching Special Education - Learning Disability 3 Units
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 BELOW C IN SPECED OR SPECFD COURSES, 2.75 GPA. COREQ: SPECFD 489C, SPECFD 489D, SPECED 480

SPECFD 489C Directed Teaching Special Education - Emotional/Behavioral Disorders 3 Units
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 BELOW C IN SPECED OR SPECFD COURSES, 2.75 GPA; COREQ: SPECFD 489B, SPECFD 489D, SPECED 480

SPECFD 489D Directed Teaching Special Education - Cross Categorical 5 Units
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 BELOW C IN SPECED OR SPECFD COURSES, 2.75 GPA; COREQ: SPECFD 489A, SPECFD 480 OR 489B, SPECFD 489C, SPECED 480

SPECFD 498 Independent Study Repeatable 1-3 Units

Department of Communication Sciences and Disorders

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.

Major in Communication Sciences and Disorders
- Communication Sciences and Disorders (BS) (p. 130)

Minor in Communication Sciences and Disorders
- Communication Sciences and Disorders (p. 130)
Communication Sciences and Disorders Requirements (BS)

Policy for Admission to Upper Division COMDIS Courses

1. Admission by cohort, limited to acceptance of 30 students per academic year with application for admission in the spring semester of each academic year.
2. Application for admission allowed during semester of completion of a minimum of 45 credits (for most students this will be at the end of their first semester, Sophomore year).
3. Completion of a Physics course (130, 212, or 240) with a minimum grade of C- and completion of a Biology course with a minimum grade of C-. One of these two courses must be designated as a lab course. Acceptable courses in biological sciences should emphasize a content area related to human or animal sciences (e.g., biology, human anatomy and physiology, neuroanatomy and neurophysiology, human genetics, veterinary science).
4. Completion of COMDIS 270.
5. A minimum combined cumulative GPA of 2.75.
6. A minimum GPA of 3.00 in the following courses:
   a. COMDIS 278 Anatomy & Physiology of Human Communication
   b. COMDIS 272 Phonetics and Its Related Processes
   c. COMDIS 240 Hearing and Speech Science

*Meeting all minimum requirements does not guarantee admittance to upper division courses. When all admittance criteria are met by the applicant, the combined GPA will serve as the determining factor for admission to the upper division COMDIS courses in terms of filling the limit of 30 students being enrolled per year.

Communication Sciences and Disorders Minor Requirements

Department of Counselor Education

The Department of Counselor Education does not have any undergraduate programs in counseling 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 review the department website or contact the program coordinator.

Department of Curriculum and Instruction

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.

The Elementary Education - Middle Childhood/Early Adolescence major leads to licensure for teaching children ages about 6 to about 12/13 or the elementary and middle grades. The program includes 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.
- Foreign Language: Majors in Foreign Language are outlined under Languages & Literatures.
- Theatre: Majors in theater education are outlined under Theatre/Dance.

Students must achieve a grade of "C" (2.0) or better in all required courses with the prefixes EDFOUND, CIGENRL, READING, SECNDED, ELEMMID, and EARLYCHD before they can enroll in CIFLD 411, CIFLD 412, CIFLD 414: Directed Teaching.

Majors in Curriculum and Instruction

- Early Child Care and Education (BA/BS) (p. 131)
- Early Childhood Education (BSE) (p. 131)
- Elementary Education - Elementary/Middle Emphasis (BSE) (p. 131)
Secondary Education Requirements (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:

- Art Education (BSE) (p. 63)
- Biology Education - Cell/Physiology (BSE) (p. 131)
- Biology Education - Ecology/Field (BSE) (p. 131)
- Business Education - Business and Computer Science Education Comprehensive Emphasis (BSE) (p. 131)
- Business Education - Business Education Emphasis (BSE) (p. 131)
- Business Education - Business and Marketing Education Comprehensive Emphasis (BSE) (p. 131)
- Business Education - Marketing Education Emphasis (BSE) (p. 131)
- Chemistry Education (BSE) (p. 131)
- Economics Education (BSE) (p. 131)
- English Education (BSE) (p. 131)
- French Education (BSE) (p. 131)
- Geography Education (BSE) (p. 131)
- German Education (BSE) (p. 131)
- History Education (BSE) (p. 132)
- Mathematics Education (BSE) (p. 132)
- Physics Education (BSE) (p. 132)
- Psychology Education (BSE) (p. 132)
- Sociology Education (BSE) (p. 132)
- Spanish Education (BSE) (p. 132)
- Theatre Education (BSE) (p. 67)

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 (AAR) 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 AAR or not. Refer to particular departments for details.

Minors in Curriculum and Instruction
- Teaching English as a Second Language/Bilingual-Bicultural* (p. 132)
- Teaching English as a Second Language (p. 132)
- Teaching English as a Second Language for Adults (p. 132)

*BThe Department of Curriculum and Instruction grading policy, as stated below, applies to the ESL/Bilingual Education minor:

- Students must achieve a grade of "C" (2.0) or better in all required courses with the prefixes EDFOUND, CIGENRL, READING, SECNDED, ELEMMID, and EARLYCHD before they can enroll in CIFLD 411, CIFLD 412, CIFLD 414: Directed Teaching.

Art Education Requirements (BSE)

Biology Education - Cell/Physiology Emphasis Requirements (BSE)
Biology Education - Ecology/Field Emphasis Requirements (BSE)
Business Education - Business and Computer Science Education Comprehensive Emphasis (BSE)
Business Education - Business Education Emphasis (BSE)
Business Education - Business and Marketing Education Comprehensive Emphasis (BSE)
Business Education - Marketing Education Emphasis (BSE)
Chemistry Education Requirements (BSE)
Economics Education Requirements (BSE)
Early Child Care and Education Requirements (BA/BS)
Early Childhood Education (BSE)
Elementary Education - Elementary/Middle Emphasis Requirements (BSE)
English Education Requirements (BSE)
French Education Requirements (BSE)
Geography Education Requirements (BSE)
German Education Requirements (BSE)
History Education Requirements (BSE)

Mathematics Education Requirements (BSE)

Physics Education Requirements (BSE)

Psychology Education Requirements (BSE)

Sociology Education Requirements (BSE)

Spanish Education Requirements (BSE)

Theatre Education Requirements (BSE)

Teaching English as a Second Language/Bilingual-Bicultural Minor Requirements - COEPS

Teaching English as a Second Language Minor Requirements - COEPS

Teaching English as a Second Language for Adults Minor Requirements - COEPS

Department of Educational Foundations

The Department of Educational Foundations offers undergraduate and graduate courses providing the underpinnings of teacher education: diversity, philosophy, history, human development, educational psychology, learning and motivation, assessment, research, statistics, classroom management, and technology and information literacy. The Library Media (http://www.uww.edu/coeps/departments/edfound/library-media/) and Urban Education (http://www.uww.edu/coeps/departments/edfound/library-media/) programs are also housed in Educational Foundations. The department also offers a 9 credit Foundations Block that is a requirement for admission to most Professional Education programs. In addition, the department also offer initial professional level licensure in school library media through an undergraduate minor, a graduate degree, or courses taken only for licensure.

The mission of the department is to foster the development of foundational knowledge, skills, and dispositions most vital to the future work of outstanding educators. Our focus is to identify common core experiences that provide the basis for informed, reflective, and efficacious practice, while also providing specialized preparation for various educational professionals.

Minors in Educational Foundations

• Library Media K-12 (p. 132)
• Library Science (p. 132)

Library Media K-12 Minor Requirements

Library Science Minor Requirements

Interdepartmental Majors/Emphases and Minors - COEPS

The Early Childhood Education (ECE) major is an interdisciplinary undergraduate program in the College of Education and Professional Studies that focuses on skills needed to teach ALL young children between birth and through grade three.

In this program early childhood regular and special education content is blended to include coursework, fieldwork, and student teaching placements. We offer two pathways for completion of a Baccalaureate of Science in Education degree and dual licensure. Teaching certifications include Early Childhood Regular Education (WI Department of Public Instruction license code 1777) and Early Childhood Special Education (WI - DPI license code 1809).

The ECE4U program is designed for students who are transferring in with an Applied Associates degree in Early Childhood Education from programs with which UWW has an existing articulation agreement. This program is delivered through an online hybrid model.

Interdepartmental Major

• Early Childhood Education Requirements (BSE) (p. 132)

Interdepartmental Certificate

• Digital Media and Learning (p. 132)

Early Childhood Education Requirements (BSE)

Digital Media and Learning Certificate Requirements

Department of Kinesiology

General Education

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
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 coursework leading to an EC-A Physical Education public school license, 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.

Major/Emphases
Writing Proficiency Requirement: Students are required to successfully write on a selected topic. This will occur within PEPROF 165. 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.

Majors in Kinesiology
- Physical Education - EC-A License Emphasis (BSE) (p. 133)

Minors in Kinesiology
- Athletics Coaching Education (p. 133)
- Health Education (p. 133)
- Health Promotion (p. 133)
- Recreation and Leisure Studies Education (p. 133)
- Recreation and Leisure Studies - COLS (p. 133)
- Sport Management (p. 133)
- Strength and Conditioning (p. 133)

Certificates in Kinesiology
- Adapted Physical Education (p. 133)
- Health Education (p. 133)

Physical Education - EC-A License Emphasis (BSE)
Physical Education - Health, Human Performance and Recreation Emphasis Requirements (BSE)

Athletic Coaching Education Minor Requirements
Health Education Minor Requirements
Health Promotion Minor Requirements
Recreation and Leisure Studies Education Minor Requirements
Recreation and Leisure Studies Minor Requirements - COLS
Sport Management Minor Requirements
Strength and Conditioning Minor Requirements

Adapted Physical Education Certificate Requirements
Health Education Certificate Requirements

Department of Leadership, Military Science and Aerospace Studies
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:

1. Leadership Minor
2. Commission in the US Army, Army Reserve or Army National Guard, or US Air Force.

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 advisor 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. Application for the Advance Phase should be initiated as early as possible by contacting the Department of Leadership, Military Science and Aerospace Studies, 4th floor, McCutchan 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 monthly subsistence allowance of $300 for freshmen, $350 for sophomores, $450 for juniors, and $500 for seniors for 10 months for each year that the scholarship is in effect. Scholarships at the University of Wisconsin-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 4th floor, McCutchan 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 full-time students. 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 4th floor, McCutchan Hall.

Minor in Leadership, Military Science and Aerospace Studies

- Leadership and Military Science (p. 134)

Leadership and Military Science Minor Requirements

Department of Special Education

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 cross categorical special education with an emphasis in cognitive disabilities.

Major/Emphases

- Early Childhood Education dual licensure
- Cross Categorical: Learning Disabilities/Behavior Disorders Emphasis
- Cross Categorical: Intellectual Disabilities Emphasis

Writing Proficiency Requirement: Requirement accomplished in several courses within the emphasis course sequence.

Grades of Incomplete or below a C (i.e., C- or lower) in special education courses (prefix SPECED or SPECFLD) and in MATH 147 and ELEMMID 425 (or substituted courses) must be removed before the student can enroll in SPECFLD 489A-D.

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.

Majors in Special Education

- Special Education: Cross Categorical Program EBD/LD Emphasis (BSE) (p. 134)
- Special Education: Cross Categorical Program Intellectual Disabilities Emphasis (BSE) (p. 134)

Minors in Special Education

- Adaptive Education Licensure (p. 134)
- Special Education for Non-Education Majors (p. 134)

Special Education Major: Cross Categorical Program LD/EBD Emphasis Requirements (BSE)

Special Education Major: Cross Categorical Program Intellectual Disabilities Requirements (BSE)

Adaptive Education Licensure Minor Requirements

Special Education Minor for Non-Education Majors Requirements
Mission Statement

The University of Wisconsin-Whitewater’s College of Integrated Studies is committed to its students and their success. The College seeks to provide an excellent education that is affordable, accessible, transferable, and leads to completion of a baccalaureate degree. Furthermore, the College encourages and supports the personal growth students need as members of a global community and the professional growth they need for successful careers in a global economy.

The College of Integrated Studies is dedicated to a robust, comprehensive general education curriculum grounded in the liberal arts. The College offers additional opportunities for student learning through collaborative degree programs with other colleges and universities.

The College of Integrated Studies employs highly-qualified faculty and staff who are focused on student learning and academic inquiry. The College’s faculty and staff work closely together across academic fields in an interdisciplinary approach to teaching and learning.

The College of Integrated Studies supports the mission and goals of the University of Wisconsin-Whitewater and strives to advance the Wisconsin Idea by bringing the resources of the University to the people and communities in and around Rock County.

The online courses are fully accredited through our new UW 4-year partner institutions. Courses are taught by UW faculty and widely transferable.

To see courses offered at UW-Whitewater, please visit here (p. 135).

AAS (Associate of Arts and Sciences) Degree Requirements

- A minimum of 60 credits is required. When completing these 60 credits students must satisfy one of the following:
  - At least 36 of the 60 credits must be earned in the UW Colleges, or, at least 12 of the final 24 credits must be earned in the UW Colleges.
  - UW Colleges General Education Requirements must be fulfilled: When you enroll at UW Colleges you, will take courses that fulfill certain general education requirements. The Associate of Arts and Sciences degree is a foundation for many majors in the University of Wisconsin System and is typically accepted by University of Wisconsin institutions as fulfilling the university-wide, college, and school general education breadth requirements. The AAS degree may not fulfill certain proficiency, major and/or program-specific requirements.
  - A student must have a cumulative grade point average (GPA) of 2.0 earned at UW Colleges and 2.0 overall GPA in credits applied to the Associate of Arts and Sciences degree.

Core Requirements

Grade of C or better in or exemption from the following:

- Writing: ENG 102
- Mathematics: MAT 108 or MAT 110

Courses used to satisfy the writing and mathematics requirements and their prerequisites may not be used to satisfy a breadth requirement except that:

1. A core course or its prerequisite will be eligible for IS credit when it is linked with another course and meets the criteria and procedures specified in Institutional Policy 101.01 for Interdisciplinary Studies.
2. A student who earns credit in MAT 108 and MAT 110 with a grade of C or better in at least one of those courses may use the other course to satisfy part of the MS/NS breadth requirement.
3. A student who earns a C or better in MAT 124 or in both MAT 110 and MAT 113 may use the course(s) to satisfy part of the MS/NS breadth requirement.

Breadth Categories

Fine Arts and Humanities
Minimum of 9 credits including:

- 1 fine arts course
- 1 humanities course

Mathematical and Natural Sciences
Minimum of 11 credits including:

- 8 credits in 2 natural science areas
- 1 laboratory science course

Social Sciences
Minimum of 9 credits from at least 2 disciplines.

Application and Performance
Minimum of 3 credits.
Ethnic Studies
Minimum of 3 credits.
Courses may be counted toward another breadth category.

Interdisciplinary Studies
Minimum of 3 credits.
Courses may also be counted toward another breadth category.

Electives
A student who has met the core requirements and the other breadth category minimums may complete the 60 credit minimum requirement with courses in this category.

Online Collaborative AAS
UW College Courses Online (UWCCO) curriculum will be offered only through the Summer 2020 academic term. Beginning in Fall 2020, several UW campuses, including UW-Whitewater at Rock County, will partner to offer a fully online Associate of Arts and Sciences degree. Please contact your home campus academic advisor for more information. A listing of courses can be found under the prefix UWX. These courses will be fully accredited and offered by UW faculty.

Honorary Societies
Phi Theta Kappa (PTK)
PTK has recognized academic excellence in the two year colleges since 1918 and has become the largest and most prestigious honor society serving two year colleges around the world. Membership is based primarily upon academic achievement. To be eligible for membership in PTK at the UW-Whitewater at Rock County, you must be enrolled at UW-Whitewater at Rock County, you must have completed at least 12 credit hours of university level coursework at UW-Whitewater at Rock County, you must have a cumulative grade point average of at least 3.5, and you must enjoy full rights of citizenship in the United States.

Sigma Delta Mu (Spanish Honor Society)
UW-Whitewater at Rock County’s chapter of Sigma Delta Mu was founded in 2017. Sigma Delta Mu is the National Honor Society for Hispanic Studies for two-year colleges has its foundation in Sigma Delta Pi, the nation’s largest honor society in the field of foreign language. The purpose of this society is to honor those who seek and attain excellence in the study of the Spanish language, literature and culture of Spanish-speaking peoples. Honor those who strive to make the Hispanic contribution to modern culture better known to the English-speaking peoples. Encourage students in two-year colleges to acquire a greater interest in, and a deeper understanding of Hispanic culture, and to foster friendly relations and mutual respect between the nations of Hispanic speech and those of English speech. Students must meet specific grade-point average criteria and be invited for membership.

Sigma Kappa Delta (SKD)
This English Honor Society is primarily a service organization. If you think that you would like to participate in public readings (ex. readings of African American writers in February for African-American history month), book drives for charity, celebrating author and film director birthdays, etc. Then this would be the club for you. Eligible students will have at least a 3.3 overall GPA and a grade of no less than a B in all English courses taken.

Student Organizations
The Alliance
For Gay, Lesbian, Bisexual, Transgender and Straight people who are interested in LGBT current events and issues, support, discussion, and community awareness.

Altered Reality
Science Fiction and Fantasy Club founded in the fall of 2004, the club is one of the largest and most vibrant on campus. Club sponsored events include movie nights, discussion groups, role-playing games and just about anything else related to science fiction and fantasy. Whether your interest lies with movies, anime, tabletop role-playing computer games or elsewhere, you will find a place in the group.

Band and Musical Performance
The UW-Whitewater at Rock County campus offers many opportunities to pursue your interests in music. If you played an instrument in high school and you would like to continue for fun or professionally, check out some of the options available to you: UW-Whitewater at Rock County Jazz Band, UW-Whitewater at Rock County Concert Band, UW-Whitewater at Rock County Chamber Orchestra, involvement in the campus musical, as well as student music recitals where you may perform solo or with a small group.

Basketball
Did you play basketball in high school? Or, have you always wanted to play basketball? UW-Whitewater at Rock County offers men’s and woman’s basketball as an intercollegiate sport.

Choir
If vocal music is one of your interests, UW-Whitewater at Rock County provides many opportunities to sing. Choir is open to any student without audition and meets Tuesdays and Thursdays 4:00 pm - 5:00 pm. If a student is part of the choir, they are also eligible to audition for the fall semester and/or the Swing Choir in the spring. These groups meet Tuesdays and Thursdays in the Band/Ochestra Room.

College Democrats-UW Whitewater at Rock County Chapter
The Rock Campus College Democrats support the candidates and philosophy of the Democratic Party. All students are welcome to participate. The Club will work to increase participation of college students in Democratic affairs. Education and training is available in the areas of the agenda of the Democratic Party, election of local, state, and national Democratic candidates, and affect political change on the local, state, and national level.

Digital Arts
The Digital Arts Club is open to any enrolled student interested in digital art or other aspects of computer-generated design and creation (audio production, software/program mechanics, prints, etc.).

Imagination Inc.
Provides an arena for the literary and visual arts on campus. Imagination, Inc. shall edit and publish periodic journals of student art, which will include short fiction, poetry, essays, manifestoes, prose poems, musical scores, photography, illustrations, and other media suitable for print (and possibly web format). The club shall also sponsor book discussions, writing workshops, readings, promotional events, and gatherings for any students interested in the literary and/or graphic arts.

Intervarsity Christian Fellowship
Come join us for fellowship, prayer, and open discussions about the Bible. We meet every Wednesday at noon in the Fireplace Lounge. Everyone is invited to participate (no former knowledge of the Bible is necessary).
just come and listen or ask questions. We will look at what the Bible is all about and how it all fits together.

### Latinos Unidos Organization
The Latinos Unidos Organization’s purpose is to increase awareness of the UW-Whitewater at Rock County Latino community, culture, and heritage. Latinos Unidos welcomes students and other University campus individuals interested in Latino culture.

### Multicultural Student Union (MSU)
Do you work for racial justice and value diversity? Want to understand others and make the world a more tolerant place? Then, check out the MSU, open to any student, of any race or cultural heritage. This club emphasizes the development of friendships, the sharing of perspectives, and appreciation of all cultures. For anyone interested in multicultural events, and issues, on the campus and in the world.

### The Saber Rattlers
The purpose of the organization is to promote a better understanding of the sport of fencing, provide an outlet for those interested in the sport of fencing, and to just have fun. Members of the Saber Rattlers fencing club may participate in fencing drills, bouts and various exhibitions.

### Soccer
UW-Whitewater at Rock County offers soccer as a co-ed intercollegiate sport. The soccer program has a long history of success and will celebrate 43 years in the 2017 season. The soccer team had its first winning season in 1993.

### Socrates Café
Ever have a desire to take on the big questions? The challenge is best approached with the help of great company. Look no further than Socrates Café, a weekly gathering of people from many diverse backgrounds with an aim at answering some of the most intimidating philosophical problems. Come join us in our pursuit of true knowledge, and bring your own questions about our universe to be addressed.

### Student Government Association (SGA)
Learn leadership skills and assist your fellow student while organizing various campus activities. Open to all members of the campus community by way of election or appointment. Being involved in the student government has many perks, such as: trips to other UW campuses throughout the state, planning and organizing upcoming campus activities, and contributing to campus policy making.

### Student Theatre Association
The UW-Whitewater at Rock County Student Theatre Association is open to all UW-Whitewater at Rock County students who are interested in any aspect of theatrical production including performance, technical theatre or management. Our goal is to increase awareness of theatre as an art form and an avenue for expression both here on campus and in the community at large. We accomplish this goal through service, workshops, fund-raisers and performance.

### Tennis Team
Allowing students to become more involved by learning and/or playing tennis for an enjoyable experience. The Tennis team will hold practices that will allow students to become familiar with tennis by incorporating drills, physical activity and fitness, and technique. Members will also compete in some non-conference matches against other schools in duels and invites for fun.

### Veterans Club
An opportunity for veterans and their supporters to interact in a social setting. Possible activities may include conducting community outreach and bringing education and awareness to those on campus interested in learning about current issues that affect veterans.

### Volleyball
Did you play volleyball in the past or have you always wanted to learn? For information about the team, including rosters, game schedule, player stats, and team stats and standings, please visit the Wisconsin Collegiate Conference Website.

### American Indian Studies - Rock County Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AIS 101</td>
<td>American Indian Studies</td>
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<tr>
<td>AIS 227</td>
<td>Multicultural Business</td>
<td>3</td>
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<tr>
<td>AIS 242</td>
<td>The American Indian in Literature and Film</td>
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<td>AIS 260</td>
<td>American Indian Art</td>
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<tr>
<td>AIS 277</td>
<td>Indians in American History</td>
<td>3</td>
</tr>
<tr>
<td>AIS 302</td>
<td>Archaeology in Wisconsin</td>
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**AIS 101 American Indian Studies** 3 Units
An interdisciplinary Intro to the history, culture, & sovereignty of American Indians through the disciplines of Anthropology, Business, Geo., History, Political Sci., & Soc.. The course focuses on Wisconsin Indians, meeting the requirements of Wisconsin Act

**AIS 227 Multicultural Business** 3 Units
(AIS 227 & BUS 227 are the same course.) Examines business topics requiring an understanding of culture. Includes cultural diversity in the workplace & the experiences of minorities in business

**AIS 242 The American Indian in Literature and Film** 3 Units
(AIS 242 & ENG 242 are the same course.) This course will provide a cross-disciplinary exploration of the images of American Indians & their relevance to American society in film, literary & historical texts. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

**AIS 260 American Indian Art** 3 Units
A Surv. of North American Indian art & its relationship to Native American cultures, past & present. Looks at pre-Columbian art, changes in art with European contact, & the most recent trends in Native American art. Philosophies of aesthetics & the relationship of art to material culture & worldview will be analyzed from the cross-cultural perspective of the Anthropology of art.

**AIS 277 Indians in American History** 3 Units
This course Surv.s U.S. history with emphasis on contact in the age of exploration, interactions over time between Europeans & Native Americans, & adaptations & conflicts that emerged. The course will approach this from social, political, & economic perspectives from the colonial period to the present. This Ethnic Studies (ES) course focuses on understanding the perspectives of Native Americans. PREREQ: GENED 120 OR CONSENT OF INSTRUCTOR

**AIS 302 Archaeology in Wisconsin** 3 Units
(AIS 302 & ANT 302 are the same course.) Surv. of Wisconsin archaeology from the earliest occupation of the state through early European contact. Emphasis is on ecological & historical factors influencing development of prehistoric & historic aboriginal culture of Wisconsin. PREREQ: PREVIOUS ANTHROPOLOGY COURSE OR CONSENT OF INSTRUCTOR
ANT 105   INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY  3 Units
A study of evolutionary theory, the place of humans in the primate order,
the biological & genetic basis of human variation, & possible other topics
of human Bio..
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 100   INTRODUCTION TO ANTHROPOLOGY  3 Units
A Surv. of the subfields of Anthropology, especially archaeology & physical
& cultural Anthropology. The course explores human biological evolution &
variation, cultural evolution, language, & culture change

ANT 102   DISCOVERING OUR PAST: AN INTRODUCTION TO
ARCHAEOLOGY AND THE PREHISTORIC WORLD  3 Units
Intro to the prehistoric world from origins of human culture to the
beginnings of written history as revealed by archaeological research at
great sites & ruins around the globe. Archaeological analysis of famous
prehistoric sites as case studies to illustrate concepts & techniques used
by archaeologists in their efforts to understand the rise, florescence, &
demise of vanished societies.
PREREQ: GENED 130 OR SOPHOMORE STANDING

ANT 104   CULTURAL ANTHROPOLOGY  3 Units
Surv. of cultural Anthropology with emphasis on ethnohistoric description,
methodology & contemporary theory. Cross-cultural comparisons of
societies & institutions. Course includes both humanistic & social
scientific approaches to human sociocultural diversity

ANT 105   INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY  3-5 Units
A study of evolutionary theory, the place of humans in the primate order,
the fossil evidence for human evolution & interpretation of that evidence,
the biological & genetic basis of human variation, & possible other topics
of human Bio..

ANT 150   FOOD, CULTURE, AND IDENTITY  3 Units
Food is the very core of life & one of the most culturally prescribed areas
of human experience. This course will study the role of food in human
history, & the biocultural construction of what is classified as food. We
will examine the meaning of food across cultures with particular attention
to how cultural & ethnic (e.g. Asian American, Native American) identities
are associated with particular types of food. Rituals, religions & family
celebrations, & secular holidays all include the deliberate preparation,
serving & sharing of food (or abstinence from food). We will explore food
consumption & health, the gendered dimension of food, & the social
hierarchies & power relations associated with the commodification
of food. Class Proj.s are designed to connect the student to various
community & ethnic groups through the study of farmer's markets,
food banks, stores & restaurants. We will think about food in new &
provocative ways & in the process practically apply theoretical concepts.

ANT 204   CULTURES OF THE WORLD  3 Units
Ethnographic Surv. of the world's peoples & their cultures. Major regions
of the world considered in an attempt to outline the variety, richness,
significance, & persistence of cultural traditions. Not recommended for
first-Sem. students.

ANT 220   FOOD AND NUTRITION IN A GLOBAL SOCIETY  3 Units
This course will study the relationships between agricultural practices,
food distribution & consumption, Nut., & socio-cultural dietary practices
within a global perspective. Emphasis is on the complex issues related to
the changing diet & health of populations within an era of globalization
& international food markets. Utilizing case studies special attention will
be given to how societies are redefining their foodscapes & identifying
strategies for addressing issues of food sustainability.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 250   WOMEN IN CROSS-CULTURAL PERSPECTIVES  3 Units
(ANT 250 & GSW 250 are the same course.) Study of women in a
variety of cultures around the world, both past & present. Includes
consideration of the sexual division of labor, marriage systems, child
rearing, relationships between men & women, systems of myth & ideology
concerning women's roles, & the effects of socio-economic development
& rapid social change.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 260   AMERICAN INDIAN ART  3 Units
A Surv. of North American Indian art & its relationship to Native American
cultures, past & present. Looks at pre-Columbian art, changes in art
with European contact, & the most recent trends in Native American art.
Philosophies of aesthetics & the relationship of art to material culture
& world view will be analyzed from the cross-cultural perspective of the
Anthropology of art
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 291   SELECTED TOPICS IN ANTHROPOLOGY  Repeatable  1-3 Units
A specific topic in an instructor's area of special competence. When
offered, the particular topic is indicated in the campus timetable.
PREREQ: PREVIOUS ANTHROPOLOGY COURSE OR CONSENT OF
INSTRUCTOR

ANT 293   PROSEMINAR IN ANTHROPOLOGY  1-4 Units

ANT 294   PRACTICE IN APPLIED ANTHROPOLOGY  Repeatable  1-3 Units
Supervised practical experience in an organization or activity appropriate
to a student's career & educational interests. Internships are supervised
by faculty members & require periodic student/faculty meetings.
PREREQ: PREVIOUS ANTHROPOLOGY COURSE AND CONSENT OF
INSTRUCTOR

Anthropology - Rock County Courses

AIS 308   ARCHAEOLOGY OF NORTH AMERICA  3 Units
(AIS 308 & ANT 308 are the same course.) Exploring the various
methodologies & lines of evidence used by archaeology to discover &
interpret Pre-Columbian North American. Students will learn about the
earliest inhabitants from the end of the last ice age through European
contact. Along the way we will investigate how Native Americans adapted
to the incredibly diverse Environments of the continent. These range from the
whaling peoples of the Arctic, buffalo hunters of the Great Plains, to the
farmers of the southwest & eastern North American.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

AIS 314   INDIANS OF NORTH AMERICA  3 Units
(AIS 314 & ANT 314 are the same course.) A Surv. of the cultures of
various Indian nations north of Mexico; the impact in the past & the
present of Euro-American culture on American Indian nations & their
varied responses to it. Prereq: Not recommended for first-Sem. students.
PREREQ: THREE CREDITS OF ANTHROPOLOGY OR SOCIOLOGY OR PERMISSIOIN OF INSTRUCTOR

AIS 353   INDIANS OF THE WESTERN GREAT LAKES  3 Units
(AIS 353 & ANT 353 are the same course.) Analysis of Indian cultures
in the area around the West Great Lakes, with emphasis on traditional
cultures of the Indians in Wisconsin.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS
ANT 299 INDEPENDANT READING AND RESEARCH  Repeatable  1-3 Units
Indp. reading & research in Anthropology.
PREREQ: CONSENT OF INSTRUCTOR

ANT 302 ARCHAEOLOGY IN WISCONSIN  3 Units
(AIS 302 & ANT 302 are the same course.) Surv. of Native American cultures from the earliest occupation of the state through early European contact. Emphasis is on material culture, ecological, & historical factors influencing the development Native cultures. Along the way, students will learn about mounds, monuments, & the legacy of Wisconsin's Native peoples.
PREREQ: PREVIOUS ANTHROPOLOGY COURSE OR CONSENT OF INSTRUCTOR

ANT 303 THE HUMAN SKELETON  3 Units
Individual bones & teeth, possibly including ancient as well as modern specimens; sex & age differences; continuous & discontinuous morphological variation of geographically & ethnically diverse populations; stature reconstruction; forensic aspects of individual identification; lab training in observations, measurement, & analysis; lecture & lab.
PREREQ: CONSENT OF INSTRUCTOR

ANT 304 (U) CULTURES OF THE WORLD  3 Units
Ethnographic Surv. of the world’s peoples & their cultures. Major regions of the world considered in an attempt to outline the variety, richness, significance & persistence of cultural traditions.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

ANT 308 ARCHAEOLOGY OF NORTH AMERICA  3 Units
AIS 308 & ANT 308 are the same course.) Exploring the various methodologies & lines of evidence used by archaeology to discover & interpret Pre-Columbian North American. Students will learn about the earliest inhabitants from the end of the last ice age through European contact. Along the way we will investigate how Native Americans adapted to the incredibly diverseEnv.s of the continent. These range from the whaling peoples of the Arctic, buffalo hunters of the Great Plains, to the farmers of the southwest & eastern North American.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 314 INDIANS OF NORTH AMERICA  3 Units
(AIS 314 & ANT 314 are the same course.) A Surv. of diverse & complex American Indian cultures & Peoples in North America. Exploring the impact of the past & the influences of Euro-American culture on Native Nations & Peoples with an emphasis on the varied Native responses to culture contact
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 325 PEOPLES AND CULTURES: FOCUSED EXPLORATIONS  3 Units
Ethnographic Surv. of the peoples & cultures of a specified geographic region or culture area. Explores the diversity of societies in the region, as well as persistence & change in cultural traditions. Emphasis may include the role of Env. & prehistoric & historic events; social organization, kinship, belief systems, law, Eco., & language. The selected area reflects the instructor’s area of special competence. When offered, the selected area is indicated in the campus timetable. Course may be repeated for credit if selected area is different.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 343 RELIGION, MAGIC, AND WITCHCRAFT  3 Units
(ANT 343 & REL 343 are the same course.) Religion, magic & witchcraft are uniquely human means of reaching out to the supernatural realm in order to effect changes in the here & now. This course introduces student to descriptions & interpretations of magico-religious beliefs & practices in a variety of cultures from an anthropological perspective, which does not attempt to judge the validity of such beliefs but to understand & functions, among other things. It examines theories about religion & some of the conceptual issues regarding the interpretation of religion & related phenomena which have interested anthropologists over time.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 348 CULTURE, COMMERCE, AND COMMUNITY: THE ANTHROPOLOGY OF ECONOMIES  3 Units
Economic Anthropology course explores human engagement in systems of production, distribution, & consumption of goods. This course Surv.s the ways in which economic activities are enmeshed in local cultural rituals & obligations & form the basis of global economic exchanges. Students will examine a variety of past & contemporary economies at the local (subcultures including minority groups within the U.S.) as well as global level.
PREREQ: PREVIOUS ANTHROPOLOGY COURSE OR CONSENT OF INSTRUCTOR

ANT 350 ILLNESS AND HEALING IN ANTHROPOLOGICAL PERSPECTIVE  3 Units
An Intro to the application of Anthropology to the understanding & exploration of humans as simultaneously biological, social, & symbolic beings. This will include a critical reflection on the ways that people & populations live, suffer, sicken, & die. Diverse healing & medical systems, including West biomedicine, other scholastic medical traditions (e.g., traditional Chinese medicine) & folk medical systems such as shamanism will be explored. The emphasis will be on how cultural & evolutionary approaches to medicine are used to examine illness, disease, & healing in diverse ethnic groups from the beginning of humankind to the present. The course will also examine how principles of medical Anthropology are being used in training nurses & doctor in the U.S.A.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 353 INDIANS OF THE WESTERN GREAT LAKES  3 Units
(AIS 353 & ANT 353 are the same course.) Analysis of Indian cultures in the area around the West Great Lakes, with emphasis on traditional cultures of the Indians in Wisconsin.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 370 ARCHAEOLOGY FIELD SCHOOL  1-6 Units
Practical application of the basic skills used in the excavation of archaeological sites, including Surv.ing techniques, methods of excavation, compilation of field data, & Lab analysis through participation in an actual archaeological field Proj. The site(s) excavated & their location vary by year & campus. Usually offered summers. Limited enrollment. Generally, one credit is given for each 40 hours of fieldwork. Additional fees may be required for transportation, food, lodging & equipment. Prereq: Previous Anthropology course & consent of instructor; ANT 102 highly recommended.
PREREQ: PREVIOUS ANTHROPOLOGY COURSE AND CONSENT OF INSTRUCTOR
Art - Rock County Courses

ART 100 BASIC ART EXPERIENCES 3 Units
Fundamental principles of two- & three-dimensional design; Proj.s for the non-Art major or Education major. By learning two-dimensional & three-dimensional techniques & tool handling, students will be introduced to elementary experiences with basic art concepts, history, appreciation & materials.
PREREQ: NOT RECOMMENDED FOR STUDENTS PLANNING TO MAJOR IN ART. EDUCATION MAJORS WILL DEVELOP COMPETENCIES IN TEACHING METHODS USED IN ELEMENTARY EDUCATION COURSES AS PRESCRIBED BY STATE STANDARDS OF ART EDUCATION.

ART 101 INTRODUCTION TO DRAWING 3 Units
Principles of creative & structural drawing; a foundation course that explores a variety of ideas, techniques, & materials with a perceptual focus; drawing as a fine art & a basis for structure. An investigation of methods & materials. Lecture-lab.

ART 102 INTERMEDIATE DRAWING 3 Units
Principles of creative & structural drawing; a second Sem. foundation course that explores a variety of ideas, techniques, & materials with a perceptual focus; drawing as a fine art & a basis for structure. Studio work in drawing with a variety of materials, techniques, & ideas. An investigation of methods, materials, & mixed media possibilities. An Intro to figure drawing. The class is conceptually based with an involvement & emphasis on structure, ideas & process. Lecture-lab.
PREREQ: ART 101

ART 103 DRAWING II 3 Units
Advanced drawing problems of expression & form. Emphasis on both skill & creative expression. Lecture-lab.
PREREQ: ART 102

ART 111 TWO-DIMENSIONAL DESIGN 3 Units
Investigation of the basic elements & principles of two-dimensional design; arrangement of line, value, texture, & color theory, possible computer exercises. Lecture-lab.

ART 112 THREE-DIMENSIONAL DESIGN 3 Units
Investigation of the basic elements & principles of three-dimensional design in the use of volume & spatial arrangement. Lecture-lab.

ART 121 INTRODUCTION TO PAINTING 3 Units
Basic experience in various media - may include oil, watercolor, acrylic media, a Surv. of studio methods. Lecture-lab.

ART 122 WATER-BASED MEDIA 3 Units
Exploration of aqueous media aspects of traditional & contemporary procedures. Lecture-lab.

ART 125 OIL PAINTING 3 Units
Exploration of oil media; aspects of traditional & contemporary procedures. Lecture-lab.
PREREQ: ART 121 OR CONS. INST

ART 131 INTRODUCTION TO SCULPTURE 3 Units
Basic experience in three-dimensional media. A Surv. of materials & procedures used in sculptural processes. Lecture-lab

ART 141 INTRODUCTION TO PRINTMAKING 3 Units
Exploration of the graphic media. May include relief, intaglio, serigraphy, lithography. Lecture-lab

ART 154 INTRODUCTION TO CERAMICS 3 Units
Exploration of materials & processes; h& & wheel forming; glazing, firing, & kiln Mgmt.. Lecture-lab.

ART 161 INTRODUCTION TO PHOTOGRAPHY 3 Units
Intro to photography, which includes building technical abilities, vocabulary & an understanding of the principles & history of traditional/contemporary B&W photography as an expressive art form. May include working in the darkroom &/or working with digital imaging programs & alternative photo processes. Lecture-Lab.

ART 175 WORLDS OF ART IMAGES/OBJECTS/IDEAS 3 Units
An Intro to the visual arts, intended for the non-art major, which emphasizes cross-cultural perspectives - specifically the impact race & ethnicity have on artistic production, art criticism, art philosophies & aesthetics among the four major ethnic groups in the U.S. - African American, Native American, Asian American, & Hispanic/Latino American. Field trips may be required.

ART 180 ARTIST AND THE VISUAL ARTS 3 Units
Cultural history as it is discerned through the investigation of the artist & the work of art. Lecture.

ART 181 SURVEY: ANCIENT AND MEDIEVAL ART 3 Units
Art & architecture from the Old Stone Age to the Gothic era. Field trip. Lecture

ART 183 SURVEY: RENAISSANCE - MODERN ART 3 Units
Architecture, sculpture, painting, & decorative arts from the Late Middle Ages to the modern era. Field trip. Lecture.

ART 185 ITALIAN RENAISSANCE ART 3 Units
An overview of Italian painting, sculpture, architecture & related arts from the 14th through the 16th centuries. Field Trip. Lecture.

ART 187 SURVEY: MODERN ART 3 Units
Painting, sculpture, printmaking, & drawing of the modern era. Field trip. Lecture

ART 188 SURVEY: MODERN ARCHITECTURE AND DESIGN 3 Units
Architecture, landscape architecture, city planning, interior & industrial design of the modern era. Field trip.

ART 201 INTRODUCTION TO LIFE DRAWING 3 Units
Anatomical & Com.al considerations related to drawing from the human figure. Lecture-lab

ART 202 INTERMEDIATE LIFE DRAWING 3 Units
Advanced study of anatomical & Comp.al considerations related to drawing from the human figure. Lecture-lab.
PREREQ: ART 201

ART 211 TWO-DIMENSIONAL DESIGN II 3 Units
A continuation of the study of elements & principles of two dimensional design as a foundation for all the visual arts. Through experimentation & problem solving, the student will develop a working knowledge of the function of color: line, tone, form & texture in the creation of two dimensional Comp.s. Lab-Lecture.
PREREQ: ART 111

ART 212 THREE-DIMENSIONAL DESIGN II 3 Units
A continuation of the three-dimensional course of study. The course is comprised of three-dimensional visual experiences & the application of design principles to space, form & materials. Within the course, students receive instruction in the proper & safe use of simple h&s tools & power equipment.
PREREQ: ART 112
ART 216 DIGITAL Imaging AND DESIGN 3 Units
Intro to the basic skills & vocabulary of digital technology, with an exploration of popular graphics software & hardware. Integration of digital imagery with more traditional media. Areas of study geared towards specific student interests, with an emphasis on the development of a portfolio for transfer. AP, Special Course Fee $135 for Materials/Field Trip
PREREQ: ART 141 RECOMMENDED

ART 222 INTERMEDIATE WATER-BASED MEDIA 3 Units
Exploration of aqueous media; aspects of traditional & contemporary procedures. Lecture-lab.
PREREQ: ART 122

ART 225 INTERMEDIATE OIL PAINTING 3 Units
Continuation of ART 125 with emphasis upon individual development. Lecture lab.
PREREQ: ART 125

ART 231 INTERMEDIATE SCULPTURE 3 Units
Second year level course with emphasis upon technical problems related to individual Proj.s. Lecture-lab.
PREREQ: ART 131

ART 232 SCULPTURE II 3 Units
Advanced work in sculptural expression; traditional & contemporary methods of production. Lecture-lab.
PREREQ: ART 231

ART 235 GLASS FORM AND DESIGN 3 Units
Exploration of volume & spatial arrangements with an emphasis on glass. May include glassblowing, kiln formed glass & cold worked glass. Material fee is required.
PREREQ: ART 112 OR CONS. INST

ART 236 INTERMEDIATE GLASS FORM AND DESIGN 3 Units
Continuation of ART 235. Further development of skills related to glass working with an emphasis upon personal Proj.s. Material fee is required.
PREREQ: ART 235

ART 241 LITHOGRAPHY 3 Units
Plano graphic printing; use of stone & metal plates, with exploration of various offset media. Lecture-lab.
PREREQ: ART 141 RECOMMENDED

ART 243 INTAGLIO 3 Units
Incised printing; engraving, etching & other processes used with the intaglio press. Lecture-lab.
PREREQ: ART 141 RECOMMENDED

ART 245 SERIGRAPHY 3 Units
Methods & techniques. May include problems in color registration photo processes; other stencil applications. Lecture-lab.
PREREQ: ART 141 RECOMMENDED

ART 247 RELIEF PAINTING 3 Units
Woodcut & line cut processes; a Surv. of problems related to color registration & production. Lecture-lab.
PREREQ: ART 141 RECOMMENDED

ART 254 INTERMEDIATE CERAMICS 3 Units
Continuation of ART 154. Further development of craftsmanship with emphasis upon individual Proj.s. Lecture-lab.
PREREQ: ART 141 RECOMMENDED

ART 255 CERAMICS II 3 Units
Advanced work in ceramic processes. May include construction & use of molds, slip casting; production technology. Lecture-lab.
PREREQ: ART 254

ART 260 AMERICAN INDIAN ART 3 Units
A Surv. of North American Indian art & its relationship to Native American cultures, past & present. Looks at pre-Columbian art, changes in art with European contact, & the most recent trends in Native American art. Philosophies of aesthetics & the relationship of art to material culture & worldview will be analyzed from the cross-cultural perspective of the Anthropology of art.

ART 261 INTERMEDIATE PHOTOGRAPHY 3 Units
A continuation of ART 161 with emphasis on working with color & expanding photographic skills. Study geared toward specific student interests & the development of a portfolio for transfer. Lecture-Lab.
PREREQ: ART 161

ART 290 WOMEN IN THE ARTS 3 Units
(Art 290 & GSW 295 are the same course.) Women in the Arts is an interdisciplinary exploration of women as artists. The course will explore underlying ideologies that influence understanding & access to the artistic production of women & artists of color. Theories & experiences of gender, race, ethnicity, sexual orientation, age & class as they are articulated in the contemporary art world will be examined.

ART 291 SPECIAL TOPICS Repeatable 1-4 Units
Prereq: Cons. instr; also Department Chair approval.

ART 299 INDEPENDENT STUDY Repeatable 1-3 Units
Prereq: Cons. instr; also Department Chair approval.

Astronomy - Rock County Courses
AST 100 SURVEY OF ASTRONOMY 4 Units
Descriptive Surv. of astronomy for students with minimal background in mathematics & Sci.. Topics include the solar system, stars, nebulae, galaxies, cosmology, & astronomical methods. May be offered for 3 credits without Lab work, or for 4 credits with Lab work consisting of telescopic observation, Lab demonstration, & astronomy exercises. Students may not earn credit for both AST 100 & 105. Prereq: High school algebra & geometry or cons. instr.

AST 101 OBSERVATIONAL ASTRONOMY 1 Units
Observation of solar system, galactic & extra-galactic objects, & Intro to basic observational techniques in astronomy. Includes telescopic & unaided eye observation, positional astronomy, astro-photography, optic spectroscopy, interpretation of astronomical data, & astronomy Lab exercises.

AST 105 THE SOLAR SYSTEM 3 Units
Contemporary understanding of the Solar System; the sky and celestial motions; ancient astronomy; the Copernican revolution; light, gravity, orbits, and astronomical instruments; formation of the solar system; sun, planets and moons; asteroids, comets, meteors and meteorites; and the origin of life. May be offered for three credits without laboratory work or for four credits with laboratory work consisting of telescopic observation, laboratory demonstration and/or astronomy exercises.

AST 106 STARS, GALAXIES, AND THE UNIVERSE 3 Units
Contemporary understanding of stellar systems: historical development; light, gravity, atoms & nuclei; astronomical instruments; properties & life cycles of the Sun & stars; black holes; the Milky Way & other galaxies; cosmology. May be offered for three credits without Lab work or for four credits with Lab work consisting of telescopic observation, Lab demonstration &/or astronomy exercises.
AST 150 PLANETARY GEOL OGY 3 Units
This is an introductory course covering various subjects related to geology of planets, moons, other small bodies in our solar system. In this course, students will learn formation, evolution & present nature of these planetary bodies using a geologic & astrophysical approach. To understand other planetary bodies, or our solar system as a whole, it is essential to examine?geological processes? occurring in Earth, then generalize how such processes can be applied to other planets. Therefore, a brief overview on these processes will be given during the beginning stage of the course. The course will also cover smaller planetary bodies such as asteroids, comets & meteorites, which are very important in understanding geological process in our solar system. It meets the natural sci. requirement for a liberal arts degree at the University of Wisconsin Colleges. Prereq: High School Algebra.
PREREQ: HIGH SCHOOL ALGEBRA

AST 200 GENERAL ASTRONOMY 4 Units
Surv. of astronomy for students who have some background in mathematics & physics; the solar system, stars, nebulae, galaxies, cosmology, astronomical methods. Telescopic observation, Lab demonstration, & astronomy exercises; three hours lecture, two hours lab-discussion per week. PHY 141, PHY 201, or equivalent.

AST 291 TOPICS IN ASTRONOMY 1-5 Units
An extended coverage of one or more topics in astronomy such as extra-terrestrial life, archeoastronomy, cosmology, astrophysics, radio astronomy, stellar structure, dynamical astronomy, galactic structure & observational astronomy.

AST 299 INDEPENDENT STUDY- ASTRONOMY Repeatable 1-3 Units
Indp. study under the supervision of an instructor. The work may, for example, consist of advanced Lab investigation into a particular topic or library research & writing of a paper on some subject of interest.
PREREQ: CONSENT OF INSTRUCTOR

Biology - Rock County Courses
BIO 099 BASIC BIOLOGY TUTORIAL Repeatable 1 Units
This tutorial will provide biological instruction through several methods of listening, speaking, reading, writing, & will review basic concepts in Chem., Mathematics, & computer skills required in BIO 101, 162 & 171. The content & skills will empower students to succeed in their concurrent Bio. course & in lateral & higher-level Biological Sci.s courses.
COREQ: THIS COURSE IS INTENDED FOR STUDENTS CONCURRENTLY ENROLLED IN BIO 101, 162, OR 171

BIO 101 CONCEPTS OF BIOLOGY 5 Units
An intro to the fundamental principles of living organisms. Includes cell & tissue structure, growth, basic physiological processes, reproduction & inheritance, classification, evolution & ecology. Lecture, lab, & may also include demonstrations, discussion & field trips

BIO 105 GREEK AND LATIN ORIGINS OF MEDICAL AND SCIENTIFIC TERMINOLOGY 2-3 Units
The course is designed to acquaint students pursuing Sci. & other majors with the origins of technical terms they are likely to encounter.

BIO 121 FOUNDATIONS OF BIOLOGICAL SCIENCES I 5 Units
First semester of a two semester course designed for majors in biological sciences. Topics include: cell structure & function, cellular metabolism (enzymes, respiration, photosynthesis), information flow (DNA, RNA, protein), principles of genetics, & survey of viruses, prokaryotes, and protists.

BIO 122 FOUNDATIONS OF BIOLOGICAL SCIENCES II 5 Units
Second semester of a two semester sequence designed for majors in biological sciences. Continuation of BIO 121. Topics include: speciation & evolutionary theory, survey of the eukaryotes after the protists, selected topics in plant & animal physiology, & ecology at multiple levels of the biological hierarchy.
PREREQ: BIO 121

BIO 141 HEREDITY 3 Units
Principles of heredity with applications to plant, animal & human inheritance; current advances in genetics & their bearing on the life Sci.s. Lecture & may also include demonstrations, discussion & field trips.

BIO 161 SURVEY OF BOTANY 3 Units
(Previously BOT 100) Structure, functions, life histories, taxonomy & evolution of representative plants throughout the plant kingdom. Lecture, lab, & may also include demonstrations, discussion & field trips.

BIO 162 GENERAL BOTANY 5 Units
(Previously BOT 130) An intro to plant Sci.s including the structure, development, Physolgy & genetics of plants. The relation of the major plant groups & the principles of Bio.. Lecture, lab, & may also include demonstrations, discussion & field trips.

BIO 164 PLANTS AND CIVILIZATION 2 Units
(Previously BOT 240) The study of plants from an historical & geographical perspective, & how plants are used in the modern world as a source of food, drugs, & other materials. Lecture & may also include demonstrations, discussion & field trips.

BIO 171 ANIMAL BIOLOGY 5 Units
(Previously ZOO 101) General biological principles - structure & function of cells, histology, embryology, heredity, ecology, & evolution; Surv. of the animal kingdom; & structure & function of the vertebrate body. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: BIOLOGY 141 AND MATH 141 BOTH WITH A GRADE OF C OR BETTER

BIO 180 INTRODUCTION TO HUMAN BIOLOGY 3 Units
(Previously ZOO 105) Intro to the development, nature, & processes of human adaptability. Lecture & may also include demonstrations, discussion & field trips.

BIO 182 HUMAN ANATOMY AND PHYSIOLOGY 3 Units
(Previously PHS 170) This is a basic course which introduces the non-Bio. major to the study of how the human body is organized. Through lecture & Lab, the student studies the major organ systems of the human body & how its structure relates to function. Lecture, lab, & may also include demonstration, discussion & field trips.
PREREQ: GENERAL STUDIES LAB SCIENCE OR CONSENT OF INSTRUCTOR

BIO 184 BIOLOGY OF HUMAN SEXUALITY AND REPRODUCTION 3 Units
(Previously ZOO 155) This course focuses on the biological aspects of human sexuality & reproduction. In addition, the following topics will be discussed from a biological perspective: birth control, sexually transmitted diseases, birth defects, abortion, differences between the sexes, & the manipulation of the human reproductive process by Sci.. Lecture & may also include demonstrations, discussion & field trips.
BIO 186  BIOLOGY OF WOMEN  3 Units
(BIO 186 & GSW 130 are the same course.) An Intro to the Physiolgy & reproductive anatomy of women including pregnancy, human development, cancer, infertility, birth control, sexually transmitted diseases & other health issues.

BIO 190  INTRODUCTION TO ENVIRONMENTAL SCIENCE  3 Units
Principles underlying the proper management of our resources: water, soils, minerals, forests, wildlife, human. Current and past attitudes relating to the resources with the interaction and complexities of humans' interests. This meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of Science, Social Sciences. Lecture and may include demonstrations, discussions, and field trips.

BIO 191  ENVIRONMENTAL SCIENCE  4 Units
Contemporary study of natural world through human perspective. Emphasis on humans as modifying force in the biophysical environment, including selected topics in ecological principles, pollution, population biology, environmental management. Course meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of science and social sciences. Lecture, lab. May include demonstrations, discussions, and field trips.

BIO 193  NATURAL HISTORY OF WISCONSIN  3 Units
Natural History of Wisconsin is an Introductory Bio. course intended for the general student wanting to learn more about Wisconsin's diverse plant & animal life. The main focus of this course is the state's diversity of plants & animals & the ecosystems in which they live. In addition, it may cover basic concepts of field ecology, behavior, & conservation, identification of select organisms, & a review of the historical contributions to our understanding of Wisconsin natural history. This course is designed to increase the awareness & appreciation of Wisconsin's fantastic biological diversity at a time when the general public is becoming increasingly disconnected from natural Envs. Optional field trips may be included.

BIO 196  INTRODUCTION TO WILDLIFE RESOURCES  3 Units
(Previously ZOO 140) Wildlife resources of the U.S.; the importance of wildlife to our past & present economic & cultural life & selected problems in wildlife conservation. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: INTRO BIOLOGY COURSE

BIO 201  PRINCIPLES OF ECOLOGY  4 Units
The interrelationships between living organisms & their Envs., ecosystems concepts, population dynamics, community organization & distribution, & application of ecological principles to humans & their Envs. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: INTRO BIOLOGY COURSE

BIO 211  GENETICS  4 Units
Laws of variation & heredity & their modification by Env., genetic engineering, & chromosome behavior with emphasis on human genetics. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: INTRO BIOLOGY COURSE

BIO 251  GENERAL SURVEY OF MICROBIOLOGY  5 Units
(Previously BAC 201) Surv. of micro-organisms & their activities; emphasis on structure, taxonomy, function, ecology, Nut., Pathology, pathology & genetics. Surv. of applied microBio.: agricultural, medical, industrial, Env.al & food. The Lab is an intro to st&ard techniques & procedures in general microBio.. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: BIO 101, BIO 162, OE BIO 171 REQUIRED. CHE 125 RECOMMENDED

BIO 271  VERTEBRATE BIOLOGY  4 Units
(Previously ZOO 237) An Intro to the study of vertebrate animals considering their structure, evolution, ecology, & special adaptation. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: INTRO BIOLOGY COURSE

BIO 277  ORNITHOLOGY  3 Units
(Previously ZOO 277) A course which introduces the student to the Bio. of birds & the methods of modern field studies, identification, life histories, ecology, & behavior of birds, with emphasis on local species. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: INTRO BIOLOGY COURSE

BIO 280  HUMAN ANATOMY  3 Units
(Previously ZOO 234) A study of the fundamental structure & organization of the organs & systems of the human body. Lecture, lab, & may also include demonstrations, discussion & field trips.

BIO 281  HUMAN PHYSIOLOGY  5 Units
(Previously PHS 235) An examination of the physiological processes of the human body. Lecture, discussion, & lab. PREREQ: INTRO COURSE IN BIO AND CHE OR CONSENT OF INSTRUCTOR

BIO 282  UPDATES IN HUMAN PHYSIOLOGY AND MICROBIOLOGY  3 Units
(Previously PHS 250) This course was designed for the nursing consortium, primarily for RNs who plan to enter a BSN program. PHS 250 is a review & recent update of concepts in human Physolgy & microBio. This course utilizes an extensive review packet of basic concepts of Physolgy & microBio. which must be completed during the course. Lecture only, online class.

BIO 285  ANATOMY AND PHYSIOLOGY  4 Units
(Previously PHS 202) An examination of the structure & function of the human body at the molecular, cellular, tissue, organ, & system levels of organization. The integration of these levels of organization within the human organism is emphasized. This is the first Sem. of a two-Sem. sequence. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: BIO 101, BIO 162, OR BIO 171 OR CONSENTS OF INSTRUCTOR

BIO 286  ANATOMY AND PHYSIOLOGY  4 Units
(Previously PHS 203) An examination of the structure & function of the human body at the molecular, cellular, tissue, organ, & system levels of organization. The integration of these levels of organization within the human organism is emphasized. This is the second Sem. of a two-Sem. sequence. Lecture, lab, & may also include demonstrations, discussion & field trips. PREREQ: BIO 285

BIO 288  HUMAN ANATOMY AND PHYSIOLOGY  5 Units
(Previously PHS 230) A study of the fundamental principles of human structure & function with applications to health & disease. The course will explore all organ systems of the human body at various levels of organization from the cellular & subcellular to the organ system level. Lecture, lab, & may also include demonstrations, discussions & field trips. PREREQ: BIO 280 OR EQUIVALENT; INTRO CHE RECOMMENDED

BIO 291  INTRODUCTION TO FISH, FORESTS, AND WILDLIFE RESOURCES  4 Units
(Previously NAT 250) An integration Intro to the theoretical & applied aspects of the Mgmt. of our biotic resources. This course will stress sustainable Mgmt. & ecosystem integrity using contemporary conservation issues & local examples. PREREQ: BIO 101, BIO 162, OR BIO 171 OR CONSENTS OF INSTRUCTOR
BIO 294 INTERNSHIP IN BIOLOGICAL SCIENCE 1-3 Units
An individually arranged internship in an area field site, public agency, community organization or industry to gain practical experience in a Biological Sci.s discipline. The internship is intended for advanced Sci. students with previous college level Bio. coursework. Students will work under the supervision of a faculty member & will receive credit based on hours employed & completion of a final report summarizing their experiences & how they build upon previous classroom experiences. Presentation of any research performed would be arranged through the supervising faculty member. This course will fulfill the requirements of the AP degree designation by giving students the opportunity to learn first & the interrelationships between Sci. theory & application in the natural world. Students will also have the opportunity to apply the scientific method & problem solving skills in experimental work & experiences completed in the community or business Env. during the internship. Students will also be expected to apply basic Sci. knowledge to interpret & analyze data that is collected as part of any research component of an internship. Prereq: a university-level introductory course in the Biological Sci.s & cons. instr. Repeatable for a maximum of six credits.

BIO 298 SPECIAL TOPICS IN BIOLOGY Repeatable 1-3 Units
(Previously BOT 291/ZOO 291) Designed to cover topics in Bio. not ordinarily covered in other classes.

BIO 299 READING AND RESEARCH IN BIOLOGY Repeatable 1-3 Units
(Previously BAC 299/BOT 299/ZOO 299) Supervised undergraduate reading & research in biological Sci.s. This course is designed to acquaint the undergraduate with the Lit. & research techniques used in biological investigation & to give practical experience in scientific problem-solving. PREREQ: CONSENT OF INSTRUCTOR

BIO 373 ANIMAL BEHAVIOR 3 Units
(Previously ZOO 305) A general intro to the field of animal behavior. Topics include evolution & natural selection, social behavior, communication, reproduction, orientation & navigation, & hormonal mechanisms of behavior. Lecture, lab, an may also include demonstrations, discussions, & field trips. PREREQ: INTRO ZOO OR BIO RECOMMENDED

BUS 101 INTRODUCTION TO BUSINESS 3 Units
Intro to the role of business in the modern political, social & economic Env.s; describes career opportunities.

BUS 110 PERSONAL FINANCE 3 Units
A study of personal financial Mgmt.. Examines the financial problems & consequent financial decisions required of individuals in our economy. Subjects covered are applications in family budgeting, consumer buying decisions, borrowing, insurance, personal real estate, income taxation, investments, & estate planning.

BUS 194 CAREER AND LIFE PLANNING 2 Units
This course will enable students to develop career goals & lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision-making skills, academic plans, & career awareness. This personal, educational, & occupational Info will then be organized & translated into an individualized course of action. Integration of career goals with current & future college course work will be stressed.

BUS 201 INTRODUCTORY ACCOUNTING 4 Units
Fundamental principles, terminology, techniques, & applications; books, accounts & financial statements for retailing & wholesaling concerns; treatment & presentation of proprietorship, partnership & corporate accounts. PREREQ: OPEN TO SECOND SEMESTER FRESHMAN OR CONSENT OF INSTRUCTOR

BUS 202 INTERMEDIATE ACCOUNTING 4 Units
Accounting theory principles, concepts, & procedures & their applications as applied to balance sheet & income statement accounts, presentation & interpretation of financial statements; problems of terminology, valuation, & analysis are included. PREREQ: BUS 201

BUS 204 MANAGERIAL ACCOUNTING 3 Units
Interpretation & application of accounting reports by Mgmt. in planning, coordinating, & controlling business activities; presentation, analysis & interpretation of financial data; internal control & reports to Mgmt.; cost-volume-profit relationships, budgets, costs, & managerial decision making. PREREQ: BUS 201

BUS 209 UNDERSTANDING BUSINESS IN SOCIETY 3 Units
An exploration of how businesses make decisions that impact their firms, individuals, & society as a whole. Students learn & practice business concepts needed to make better decisions as employees, entrepreneurs, citizens, regulators, or researchers. Introduces fundamental economic principles & legal topics; emphasizes finance & accounting. PREREQ: MAT 105

BUS 210 BUSINESS COMMUNICATION 3 Units
(BUS 210 & ENG 210 are the same course.) Study & practice of the techniques of achieving clarity, brevity & effectiveness in business communication. Planning, preparation, critiquing of business letters, memos, & oral reports. Prereq: ENG 102 or cons. instr. PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105; AND LOWER DIVISION BUSINESS ENROLLMENT REQUIREMENTS

BUS 219 INTRODUCTION TO SPORTS/FITNESS MANAGEMENT 3 Units
(BUS 219 & HES 219 are the same course.) This course will provide an intro to the sport & fitness Mgmt. industry. Emphasis will be placed on basic Mgmt. principles, marketing, public relations, finance, Eco., organizational theory, & career opportunities as they apply to the field of sports & fitness Mgmt..

BUS 220 INTRODUCTION TO E-COMMERCE 3 Units
(BUS 220 & CPS 120 are the same course.) This course will familiarize the student with the basics of e-commerce. Major topics include the basics of the internet, entrepreneurship, the creation of a business plan, financing, web site design, & e-business Mgmt.. Students will develop a background in electronic commerce technology through exploring infrastructure & emerging technical issues in support of e-commerce.

BUS 222 DIVERSITY IN BUSINESS 3 Units
Explores diversity in business within the U.S. political & social context. Examines impact on the workplace & experiences of minority entrepreneurs. Includes the perspectives & experiences of at least two groups: African Americans, American Indians, Hispanics, &/or Asian Americans in the U.S.

BUS 227 MULTICULTURAL BUSINESS 3 Units
(AIS 227 & BUS 227 are the same course.) Examines business topics requiring an understanding of culture. Includes cultural diversity in the workplace & the experiences of minorities in business.
BUS 230  INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS  3 Units
An introductory course designed to provide students with a fundamental knowledge of Mgmt. Info systems & their concepts including the use of Info systems for Mgmt. decision-making & the impact of Info systems on Mgmt.. Topics may vary as technology changes but the students will learn the tools of productivity (i.e. Excel) such as electronic spreadsheet, data base, & graphics.
PREREQ: SECOND-SEMESTER FRESHMEN OR CONSENT OF INSTRUCTOR

BUS 242  BUSINESS ETHICS  3 Units
(BUS 242 & PHI 243 are the same course.) Critical discussion of ethical reasoning & moral values in business & industry; includes relevant case studies & readings.

BUS 243  ECONOMIC AND BUSINESS STATISTICS  3 Units
(BUS 243 & ECO 243 are the same course.) Elementary theory & business application of statistical techniques, probability & normal distribution, hypothesis testing, analysis & interpretation of economic & business data, index numbers, regression & time series analysis & Chi squares.
PREREQ: A GRADE OF C OR BETTER IN MAT 105 OR 108 OR EQUIVALENT

BUS 244  INTERNATIONAL BUSINESS  3 Units
This course focuses on the study of how businesses conduct their operations in the global economy. The political, legal, cultural, social & economic challenges confronting businesses in international markets will be examined. Topics covered include trade strategies, international business operations, international trade & financial theory & policy, foreign exchange markets & the theory of multi-national enterprises.
PREREQ: AN ECONOMICS COURSE OR CONSENT

BUS 270  WOMEN IN BUSINESS  3 Units
Women in Business examines the opportunities, challenges & problems women encounter in pursuing a career in business. This course will consider the history of women as business owners & entrepreneurs, executives, managers & employees. We will also study socialization, the law, career planning, how families impact the workplace & differences & effects of gendered communication styles in business settings.

BUS 294  INTERNSHIP IN BUSINESS OR ECONOMICS Repeatable 1-3 Units
An internship providing students with opportunities to apply knowledge & skills learned in Business &/or Eco. courses to professional experiences while working in a business or non-profit organization. Students will work under the supervision of a Business & Eco. Department member & with a business or community staff member off-campus. Credit is based on hours employed & on instructor evaluation of student learning. Repeatable for a maximum of six credits.
PREREQ: PRIOR BUS OR ECO CLASS AND CONSENT OR INSTRUCTOR

CHE 114  CHEMISTRY IN THE KITCHEN  4 Units
Cooking food is perhaps the oldest everyday example of humans doing Chem.. This course explores the Chem. of food at a beginning level, & presents concepts about the structure of molecules, interactions between molecules, & how foods change in the cooking process. Lab exercises are completed with materials used in a kitchen, & include activities such as measurement, phase change, denaturation, extraction, & energy studies. This course is not a suitable prerequisite for higher-level Chem. courses or pre-professional programs. Students may not earn more than 4 credits by taking any combination of CHE 114, CHE 121, CHE 123, or CHE 124. NW, LS.
PREREQ: MATH 141 OR MATH 140 OR MATH 139, OR WAIVER

CHE 121  CHEMISTRY AND SOCIETY LABORATORY  1 Units
Lab to accompany CHE 123. Three hours of Lab per week.
PREREQ: A GRADE OF C- OR BETTER IN CHE 123 OR CONCURRENT REGISTRATION OR CONSENT OF INSTRUCTOR

CHE 123  CHEMISTRY AND SOCIETY  3 Units
A course for non-Sci. majors that covers basic Chem. concepts in a social context. May include explorations of how Chem. impacts the Env., public health, energy policies, & other contemporary social issues. Consists of lectures & may also include discussions & demonstrations.

CHE 124  APPLIED CHEMISTRY AND SOCIETY  4 Units
A course for non-Sci. majors that covers basic Chem. concepts in a social context. May include explorations of how Chem. impacts the Env., public health, energy policies, & other contemporary social issues. Consists of lectures & laboratories & may also include discussions & demonstrations.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

CHE 125  INTRODUCTORY CHEMISTRY  5 Units
A one-Sem. Introductory course in college Chem. including an intro to organic Chem.. Consists of lectures, discussions, & laboratories. Primarily for students whose programs require only CHE 125 or the CHE 125/203 or CHE 125/204 combination.
PREREQ: RECOMMENDED DEMONSTRATED COMPETENCY AT MAT 105 LEVEL OR CONCURRENT REGISTRATION

CHE 145  GENERAL CHEMISTRY I  5 Units
For students whose programs require a year of college Chem. or who plan to take advanced courses in Chem.. One year of recent high school Chem., CHE 112, or another preparatory Chem. course is recommended, but not required. NS/LS Students must be enrolled in one lecture section (L001 or L002) & one LAB section (L041 L042 or L043) & one discussion (L061 L062 or L063)
PREREQ: RECOMMENDED DEMONSTRATED COMPETENCY AT MAT 105 LEVEL OR CONCURRENT REGISTRATION

CHE 155  GENERAL CHEMISTRY II  5 Units
The second Sem. of a one-year course in college Chem.. Consists of lectures, discussions, & laboratories. For students whose programs require a year of college Chem. or who plan to take further courses in Chem..
PREREQ: A GRADE OF C- OR BETTER IN CHE 145 AND DEMONSTRATED COMPETENCY AT THE MAT 110 LEVEL OF CONCURRENT MAT 110 REGISTRATION OR CONSENT OF INSTRUCTOR

CHE 165  CHEMISTRY FOR ENGINEERS  5 Units
A one-Sem. Chem. course for engineering students. Topics include measurements, atomic theory, stoichiometry, molecular structure, thermoChem., electroChem., solid state, material Sci., & organic Chem..
PREREQ: GRADE OF C- OR BETTER IN CHE 112 OR CHE 125 OR GRADE OF B OF HIGHER IN HIGH SCHOOL CHEMISTRY AND A GRADE OF C OR BETTER IN MAT 110 OR 124 OR PLACEMENT INTO MAT 221 BASED ON PLACEMENT TEST SCORES OR CONSENT OF INSTRUCTOR
CHE 203 SURVEY OF BIOCHEMISTRY 3 Units
A foundational course in the chemical makeup & metabolic processes of living organisms. Consists of lectures & may also include discussions & demonstrations. Together CHE 125 & CHE 203 constitute a year course with emphasis on organic & biological Chem.. PREREQ: A GRADE OF C- OR BETTER IN CHE 125 OR C- OR BETTER IN CHE 145 WITH CONSENT OF INSTRUCTOR OR CONSENT OF INSTRUCTOR

CHE 204 APPLIED SURVEY OF BIOCHEMISTRY 4 Units
A foundational course in the chemical makeup & metabolic processes of living organisms. Consists of lectures & laboratories & may also include discussions & demonstrations. Together CHE 125 & CHE 204 constitute a year course with emphasis on organic & biological Chem.. CHE 204 is equivalent to the combination of CHE 203 & CHE 211. PREREQ: A GRADE OF C- OR BETTER IN CHE 125 OR C- OR BETTER IN CHE 145 WITH CONSENT OF INSTRUCTOR OR CONSENT OF INSTRUCTOR

CHE 211 BIOCHEMISTRY LABORATORY 1 Units
Lab to accompany CHE 203. Three hours of Lab per week. This course is highly recommended for degree nursing students. PREREQ: A GRADE OF C- OR BETTER IN CHE 125 OR C- OR BETTER IN CHE 145 WITH CONSENT OF INSTRUCTOR OR CONSENT OF INSTRUCTOR

CHE 214 PHYSIOLOGICAL CHEMISTRY 3 Units
Lectures & demonstrations on elementary aspects of organic & physiological Chem.; provided for students who have not had organic Chem.. For students interested in physical therapy.

CHE 250 REVIEW AND UPDATES IN CHEMISTRY AND BIOCHEMISTRY 3 Units
This course was designed specifically for the nursing consortium & is to be taken primarily by RNs already accepted into their BSN degree completion program. This course is not a substitute for the CHE 125/126 sequence required of students at the beginning of their academic careers, even if planning to enter the nursing profession. CHE 250 begins with a review of relevant topics in Chem., both general & organic, & then covers topics typical of a bioChem. course such as biological molecules, metabolism, Nut., protein function, & molecular Bio..

CHE 290 SPECIAL TOPICS IN CHEMISTRY 0 Units
Prereq: Cons. instr. PREREQ: CONSENT OF INSTRUCTOR

CHE 294 INTERNSHIP IN CHEMISTRY Repeatable 1-3 Units
An individually-arranged internship in an indoor or outdoor chemical Lab in academia, business, industry, or other organizations for students to gain practical experience as chemical researchers. The internship is intended for advanced students with prior college Chem. coursework. Students will work under the supervision of a department member & receive credit based on hours employed & completion of a final report summarizing how their experience reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.

CHE 299 INDEPENDENT STUDY IN CHEMISTRY Repeatable 1-3 Units
Prereq: Cons. instr. PREREQ: CONSENT OF INSTRUCTOR

CHE 343 ORGANIC CHEMISTRY I 3 Units
The first Sem. of a year course in organic Chem.. Consists of lectures & may also include discussions & demonstrations. PREREQ: A GRADE OF C- OR BETTER IN CHE 155

CHE 351 ORGANIC CHEMISTRY LABORATORY PART I 1 Units
Three to four hours of Lab per week. The first Sem. of a year course in organic Chem. Lab. PREREQ: CHEM 251

CHE 352 ORGANIC CHEMISTRY LABORATORY 2 Units
Basic Lab techniques for organic Chem. including commonly used synthetic methods, purification & characterization of reaction products. Six to eight hours of Lab per week. CHE 352 is equivalent to the combination of CHE 351 & CHE 361. PREREQ: RECOMMENDED A GRADE OF C- OR BETTER IN CHE 363 OR CONCURRENT REGISTRATION, OR A GRADE OF C- OR BETTER IN CHE 343 OR CONSENT OF INSTRUCTOR

CHE 353 ORGANIC CHEMISTRY LABORATORY PART II 1 Units
Three to four hours of Lab per week. The second Sem. of a year course in organic Chem. Lab. PREREQ: A GRADE OF C- OR BETTER IN CHE 351 OR CONSENT OF INSTRUCTOR

CHE 363 ORGANIC CHEMISTRY II 3 Units
Continuation of Organic Chem. I. Consists of lectures & may also include discussions & demonstrations. PREREQ: A GRADE OF C- OR BETTER IN CHE 343 OR CONSENT OF INSTRUCTOR PREREQ: CHEM 251

CHE 390 RESOURCES AND SUSTAINABILITY 3 Units
This course will investigate the many roles that natural resources play in society. We will examine the practical issues of how they are found, used, and disposed, as well as the broader concerns about how resources influence the modern world. We will take a global approach to critically analyze the scientific, economic, ecological, political and social implications of resource usage. By the end of the semester, you are expected to be able to integrate your and others thoughts on how society is impacted by its use of resources. PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

Chinese - Rock County Courses

CHI 101 FIRST SEMESTER CHINESE 4 Units
Elementary modern M&arin for students with no previous experience in the language. Emphasis on listening & speaking, with some reading & writing. Focus on Chinese culture throughout the course.

CHI 102 CHINESE FOR BUSINESS 4 Units
This course provides essential communication skills in M&arin Chinese for students interested in International Business or Business Professionals who deal with the Chinese market. Topics covered include greetings & Intros, communication with colleagues, dining & social events, informal interactions, as well as survival language for visits or living in China.

CHI 105 SECOND SEMESTER CHINESE 4 Units
Continuation of CHI 101, elementary modern M&arin. PREREQ: CHI 101

CHI 118 PRACTICAL SPOKEN CHINESE 1-4 Units
Emphasis on the spoken language in everyday context. Not part of the sequence of required World Languages courses. PREREQ: CONSENT OF INSTRUCTOR
CHI 201 THIRD SEMESTER CHINESE  4 Units
Continues to develop students’ linguistic competence in Mandarin Chinese, adding vocabulary, common usage, & more complex grammatical structures. All four language skills are practiced: listening, speaking, reading, & writing. Besides developing learners’ communicative competence, it will enhance their knowledge of Chinese culture.
PREREQ: CHI 105 OR EQUIVALENT

CHI 205 FOURTH SEMESTER CHINESE  4 Units
Continuation of CHI 201, Int. modern Mandarin.
PREREQ: CHI 201 OR EQUIVALENT

CHI 215 ELEMENTARY CONVERSATION AND COMPOSITION  1-4 Units
May be taken concurrently with CHI 201 or by itself. Stresses practical application of theory learned in CHI 101, CHI 105, & CHI 201. Written & audio/visual exercises based on cultural, everyday topics. Carries no retroactive credit.
PREREQ: CHI 105 OR EQUIVALENT

CHI 235 CHINESE CIVILIZATION  3 Units
This course aims to introduce students to China, one of the oldest continuous civilizations in the world. Culture has many layers that have formed over time & by understanding each fundamental layer, deeper insight will be gained into where national culture was forged & where common behavior & attitudes have developed over time. An Intro to China’s cultural & historical perspective will provide students with a clearer understanding of where China has been, & where it is today. A foundation in Chinese civilization is important to equip students with the necessary knowledge to understand one of the most powerful players on the world stage. This course will provide a comprehensive political & historical overview of one of the most complex countries in the world.

CHI 291 SELECTED TOPICS IN CHINESE  2-3 Units
Cultural, literary or linguistic themes.

CHI 299 INTERMEDIATE INDEPENDENT READING  1-3 Units
Individual student(s) assigned readings, reports & papers on topic determined by instructor. One-on-one meetings to be arranged.
PREREQ: CHI 205 AND CONSENT

Computer Science - Rock County Courses

CPS 100 COMPUTERS AND SOCIETY  1-3 Units
Study of the functions of computers, their applications & the resultant social changes, both desirable & undesirable. Consideration of the value systems that are threatened as computer technology continues to expand. No programming required.

CPS 101 COMPUTER ORIENTATION  1 Units
An Intro to the campus computing set-up. Emphasis on what computers can do; using computers rather than programming them.

CPS 102 COMPUTER SCIENCE ORIENTATION  1 Units
This course is designed to help students interested in computer science obtain necessary tools & background info to become successful computer science students & instructional technology workers. Possible topics covered include info technology & computer-related curriculum, majors & careers, course transfer guidelines (TIS), history of computing, ethics, study skills, test taking & time management. skills & other current instructional technology topics.

CPS 103 COMPUTER FUNDAMENTALS  1 Units
An overview of computers, what they are & how they work. Typical topics include history, hardware, programming languages & operating systems, application software, communications, career opportunities & ethical issues. Also included is an intro to the campus computing network.

CPS 104 COMPUTER FUNDAMENTALS II  1 Units
A continuation of CPS 103 with increased emphasis on advanced concepts. Typical topics include systems analysis/design/implementation, system security, MIS/decision support systems, computer applications in business & industry, structured design & programming, artificial intelligence, advanced applications & future computer systems.
PREREQ: CPS 103

CPS 105 COMPUTER APPLICATIONS  3 Units
Principles & use of computer applications including word processors, spreadsheets, & data bases. May also cover other applications such as telecommunications, graphics, statistics, simulations, or CAI. Does not include teaching of programming. Course may not be taken more than once for degree credit.

CPS 106 WORD PROCESSING AND PRESENTATION CONCEPTS  1 Units
Text entry, editing, manipulation, & presentation. Covers typical as well as many advanced procedures of word processing & presentation software. This course involves extensive hands-on experience.

CPS 107 SPREADSHEET CONCEPTS  1 Units
Typical features & application of electronic spreadsheets. This course involves extensive hands-on experience.

CPS 108 DATABASE CONCEPTS  1 Units
Creation of data files & data manipulation (editing, sorting, deleting, etc.). Report definition & generation. Accessing & searching of remote data bases. Includes extensive hands-on experience.

CPS 109 INTERNET APPLICATIONS  1 Units
Locating & evaluating info using Internet services such as electronic mail, the World Wide Web, file transfer & online interest groups. Current social & ethical issues. Web page creation. Includes extensive hands-on experience.

CPS 110 INTRODUCTION TO COMPUTER SCIENCE  3 Units
How computers work, communicating with computers, areas of application & significance, simple Assembly Language programming, elementary data processing & problem solving. Instruction & significant experience in BASIC.
PREREQ: MAT 105 ANTIREQ: CPS 103 OR 130

CPS 120 INTRODUCTION TO E-COMMERCE  3 Units
(BUS 220 & CPS 120 are the same course.) This course will familiarize the student with the basics of e-commerce. Major topics include the basics of the internet, entrepreneurship, the creation of a business plan, financing, web site design, & e-business management. Students will develop a background in electronic commerce technology through exploring infrastructure & emerging technical issues in support of e-commerce.

CPS 130 INTRODUCTION TO PROGRAMMING  2 Units
The basics of programming in BASIC for beginners. Introductory Info on editing, program structure, data types, input, output, calculating, looping & selection. Short programs will be written & tested on a computer.

CPS 139 WEB PAGE DEVELOPMENT  2 Units
Development of web pages using HTML & Cascading Style Sheets. Intro to XML documents & XHTML standards. This course involves extensive hands-on experience.

CPS 149 FUNDAMENTALS OF WEB PROGRAMMING  2 Units
Intro to client-side Web programming. This course covers basic concepts of computer programming by developing interactive applications on the Web using a scripting language.
PREREQ: CPS 139
CPS 216  PROBLEM SOLVING AND PROGRAMMING TECHNIQUES IN C++ +  4 Units
Program design using both modular & object-oriented methods. Topics covered to include stream I/O, recursion, multi-dimensional arrays, sorting & searching, pointers & dynamic memory allocation, classes & abstract data types, & operator overloading.

CPS 240  ADVANCED VISUAL BASIC  3 Units
Covers the user interface of Visual Basic & presents common programming structures. Advanced topics include object-oriented programming & accessing databases using Visual Basic. 
PREREQ: CPS 110 OR CPS 130 OR CPS 216 OR CPS 245 OR CONSENT OF INSTRUCTOR

CPS 245  COMPUTER SCIENCE I: OBJECT-ORIENTED PROGRAMMING  4 Units
Introduces the fundamental concepts of programming from an object-oriented perspective. Topics include simple data types, control structures, an Intro to array & string data structures & algorithms, text nd binary files, as well as the social implications of computing. The course emphasizes developing fundamental programming skills in the context of a language that supports the object-oriented paradigm.
PREREQ: MAT 110 OR CONCURRENT REGISTRATION OR CONSENT OF INSTRUCTOR

CPS 255  COMPUTER SCIENCE II: OBJECTS AND DATA ABSTRACTION  3 Units
Continues the Intro from CPS 245 to the methodology of programming from an object-oriented perspective. Through the study of object design, this course also introduces the basics of human-computer interfaces, graphics, & the implementation of fundamental data structures including lists, stacks, & queues. The course includes a significant software development Proj., with an emphasis on software engineering principles & debugging techniques.
PREREQ: CPS 245 AND MAT 110

CPS 256  C++ AS A SECOND LANGUAGE  2-3 Units
Program design using both procedural- & object-oriented paradigms in C++ for students who have significant experience with a previous language. Includes a review of basic structured program techniques in the context of C++. Topics also include multi-dimensional arrays, pointers & dynamic memory allocation, class creation, operator overloading, inheritance & object-oriented design.
PREREQ: COMPETENCY AT THE MAT 110 LEVEL AND 2 CREDITS OF A 200-LEVEL PROGRAMMING COURSE OTHER THAN C++ OR CONSENT OF INSTRUCTOR ANTIREQ: CPS 216

CPS 260  PROGRAMMING IN ASSEMBLY LANGUAGE  3 Units
An Intro to microcomputer assembly language programming & architecture for students with previous exposure to a high level language. Topics typically include machine instruction sets, interrupts, boolean logic, binary coding of numeric & alphanumeric data, arrays & input/ output. Optional topics may include file access, macros, graphics & mixed language programming.
PREREQ: CPS 110 OR CPS 130 OR CPS 216 OR CPS 245 OR CONSENT OF INSTRUCTOR

CPS 265  COMPUTER SCIENCE III: ALGORITHMS AND DATA STRUCTURES  3 Units
Builds on the Intro to object-oriented programming begun in CPS 245 & CPS 255, but using a different language than that used in those courses. Data structure Surv.ed include hash tables, binary search trees, & graphs, as well as linked implementations of lists, stacks, & queues. Through iterative & recursive implementation of the fundamental algorithms on those data structures, the course Introduces algorithm analysis & computational complexity.
PREREQ: CPS 255 AND MAT 211, 221 OR 230, OR CONSENT OF INSTRUCTOR

CPS 291  SPECIAL TOPICS  1-3 Units
In-depth treatment of subjects Introduced in other CPS courses. Choice of topics depends on student interest, staff & equipment availability. Typical topics include file h&ling, operating systems, social implications, simulation, Mgmt. tools, specialized languages, current technology, numerical methods, artificial intelligence & digital logic.
PREREQ: CONSENT OF INSTRUCTOR

CPS 294  INTERNSHIP IN COMPUTER SCIENCE Repeatable  1-3 Units
Internship or service learning Proj. partnering students with organizations in the community or on campus. The course should provide practical experience appropriate to the student’s educational goals by applying knowledge & skills learned in previous CPS courses in our institution. Student & instructor should meet regularly to prepare for & evaluate experiences. This course should not be used to employ students as campus workers by substituting credit for wages. Repeatable for a maximum of six credits.
PREREQ: AT LEAST FOUR CREDITS OF PRIOR CPS COURSEWORK AND CONSENT OF INSTRUCTOR

CPS 299  INDEPENDENT STUDY IN COMPUTER SCIENCE  1-3 Units
Indp. study under the supervision of an instructor. The work may, for example, consist of advanced Lab investigation into a particular topic or library research & writing of a paper on some subject of interest.
PREREQ: CONSENT OF INSTRUCTOR

Communication Theatre Arts - Rock County Courses

CTA 101  INTRODUCTION TO INTERPERSONAL COMMUNICATION  3 Units
A course aimed at Introducing communication theory, increasing the student’s awareness of communication with others in one-on-one situations, & improving personal communication skills. Topics studied include perception, listening, nonverbal communication, language, & conflict Mgmt.

CTA 103  INTRODUCTION TO PUBLIC SPEAKING  3 Units
Study of the principles & techniques of effective speaking & listening in a variety of selected communication experiences.

CTA 105  APPLIED JOURNALISM-RADIO  1 Units
Practical application of the principles of writing, editing, & producing materials &/or presenting materials on the radio.

CTA 106  APPLIED JOURNALISM-TELEVISION  1 Units
Practical application of the principles of writing, editing, videotaping, & producing materials for &/or presenting materials on television.

CTA 110  LISTENING  0 Units
An Intro to the theories, research, behaviors, & skills associated with the process of listening. Application of content material will be explored & analyzed through classroom exercises & evaluations.
### CTA 115 INTRODUCTION TO BUSINESS AND PROFESSIONAL COMMUNICATION  3 Units
An Intro to the principles of effective communication in business & professional settings. Topics studied include organizational culture, diversity, listening, verbal & nonverbal messages, conflict & negotiation, interviewing, communication networks & channels, teambuilding, & presentations.

### CTA 130 INTRODUCTION TO THEATRE  3 Units
A study of the development of theatre as an art form. Emphasis is on the role of the audience & the understanding & appreciation of the nature of theatre, important plays, dramatic styles, & elements of a theatrical production.

### CTA 131 THEATRE LABORATORY  Repeatable  1 Units
Participation in theatrical production activities including directing, stage Mgmt., technical production, lighting, stage design, costuming, makeup, acting, & theatre Mgmt.. It is possible to register in more than one section with cons. instr. Section 1: Acting. Section 2: Technical Production. Section 3: Theatre Mgmt.. AP This class will likely not meet during the times stated in the timetable. The instructor will set meeting times based on that Sem.'s theatrical production.

### CTA 150 INTRODUCTION TO FILM  3 Units
Study of the history & development of film as a distinctive medium of communication, an art form & an industry. Students will be introduced to a wide range of theoretical perspectives that have been applied to film in academic settings: these will include but are not limited to such concepts as narrative, genre, 'mise en scene', & star image.

### CTA 201 INTRODUCTION TO MASS COMMUNICATION  3 Units
A Surv. course examining print, electronic & persuasive media from a historical & theoretical perspective. Media discussed include newspapers, magazines, books, radio, television, public relations, advertising & the Internet.

### CTA 203 NEWS AND INFORMATIONAL WRITING  3 Units
Instruction & practice in written communication of factual materials under direct guidance of instructor. Emphasis is on writing for news media, but time is spent on procedures & techniques which are basic for all Infoal writing. PREREQ: SATISFACTORY COMPLETION OF ENG 101 OR EQUIVALENT DOCUMENTATION OF LANGUAGE. TYPING PROFICIENCY RECOMMENDED.

### CTA 204 NEWS REPORTING  3 Units
Emphasis on the gathering of news & interviewing. Field work in the community. PREREQ: CTA 203 OR CONSENT

### CTA 210 INTRODUCTION TO INTERCULTURAL COMMUNICATION  3 Units
An overview of how people communicate with people from other cultures. Communication behavior (both verbal & nonverbal) will be examined to determine their role in other cultures. Students will learn to communicate more competently with people from other cultures & ethnic groups.

### CTA 218 POPULAR CULTURE IN THE MEDIA  3 Units
An Intro to the analysis & interpretation of Popular Culture as an academic discipline. The class will examine forms of advertisement & entertainment including print & TV ads, films, television, music, & music videos.

### CTA 221 INTRODUCTION TO TELEVISION BROADCASTING  3 Units
The study of the principles & practices of contemporary television production & programming, including Lab work.

### CTA 225 GENDER AND COMMUNICATION  3 Units
This course focuses on multilayered relationships between gender, communication, & culture. It explores the ways communication creates & perpetuates gendered identities & gendered interaction. It examines the ways mass, interpersonal, group, intercultural, & rhetorical communications are influenced by gender. PREREQ: PREV COURSE CTA (COMMUNICATION AND THEATRE ARTS) OR GWS (WOMEN'S STUDIES) OR CONSENT OF INSTRUCTOR

### CTA 230 LITERATURE AND PERFORMANCE  3 Units
This course is designed to enhance the appreciation of Lit. through reading, analysis, & performance. Students will find that sharing Lit. with an audience through performance is an effective & enjoyable means of experiencing the many genres of world Lit..

### CTA 232 INTRODUCTION TO ACTING  3 Units
A studio Intro to the foundational techniques of acting, including the actor's vocabulary & performance tools. Improvisation, performance exercises, & scene work used to develop freedom of self-expression & truthful communication skills.

### CTA 235 INTRODUCTION TO STAGECRAFT  3 Units
Theories & techniques of stagecraft, such as set design & construction, scene painting, stage lighting, costuming, & make-up.

### CTA 240 WORLD THEATRE AND PERFORMANCE  3 Units
World Theatre & Performance will Introduce students to multiple global perspectives expressed through the performing arts. Key genres & styles emerging from Asia, Africa, Latin America, the Middle East & Europe will be studied in depth by examining performance traditions as they transform in relation to changing historical & social conditions. Contemporary intercultural performances will also be analyzed to trace multiple histories of contingent cultural identities. By decentralizing West theatre, World Theatre & Performance will challenge students to enlarge their understanding of global politics & aesthetic practices. PREREQ: A GRADE OF C OR BETTER IN ENG 102

### CTA 266 GROUP DISCUSSION  3 Units
Study of the structure & dynamics of small groups. Topics include decision making, group behaviors, critical thinking, problem solving, & leadership in group interaction processes.

### CTA 294 INTERNSHIP IN COMMUNICATION AND THEATRE  Repeatable  1-3 Units
The Internship Programs course will provide students with an opportunity to apply knowledge & skills learned in Communication & Theatre Arts courses to professional &/or community-based situations at off-campus institutions. Students will prepare for the field work opportunity with appropriate texts provided by the faculty supervisor & schedule regular meetings with the faculty supervisor to evaluate progress. A detailed work journal & final paper reflecting on the academic relevance of the fieldwork are required. At the end of the Sem., the professor will evaluate the student's experience based on the work journal & final paper & assign a letter grade in consultation with the organization supervisor. PREREQ: A MINIMUM OF 12 COMPLETED COURSE CREDITS AND AT LEAST 2.5 GPA AT DATE OF ENROLLMENT

### CTA 298 Topics in Speech and Dramatic Arts  0 Units
The nature & subject of this course will be announced in the course schedule. PREREQ: CONSENT OF INSTRUCTOR

### CTA 299 INDEPENDENT STUDY  Repeatable  1-3 Units
Readings, reports, papers, or Proj.s to be determined by the individual instructor. PREREQ: INTRO CTA COURSE AND CONSENT OF INSTRUCTOR
CTA 325 GENDER AND COMMUNICATION  3 Units
This course focuses on multilayered relationships between gender, communication, and culture. It explores the ways communication creates and perpetuates gendered identities and gendered interaction. It examines the ways mass, interpersonal, group, intercultural, and rhetorical communications are influenced by gender.

CTA 349 CHILDREN'S THEATRE PRODUCTION  3 Units
Methods of directing, designing, & producing plays for the child audience. Examination of scripts & study of techniques in adapting children's Lit. for the stage.

CTA 368 THEORY AND PRACTICE OF PERSUASION  3 Units
An examination of the theories, concepts, strategies and processes of persuasion and social influence. Practice and analysis will be applied to both interpersonal persuasion and communication campaigns in organization and political contexts.
PREREQ: RECOMMENDED ENG 102 OR CTA 103

CTA 410 INTERCULTURAL COMMUNICATION  0 Units
An overview of how people communicate with people from other cultures. Communication behavior (both verbal and nonverbal) will be examined to determine their role in other cultures. Students will learn to communicate more competently with people from other cultures and ethnic groups.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

Economics - Rock County Courses

ECO 101 INTRODUCTION TO ECONOMICS  3 Units
A study of economic systems & their interdependence in the global economy, with emphasis on problems & policies. Among the subjects included are competitive & non-competitive markets, gross domestic product determination & policy, the U.S. financial system, & global trade.

ECO 203 ECONOMICS-MACRO  3 Units
The emphasis of the course is on macro analysis & covers areas such as national income, commercial banking, business fluctuations, monetary & fiscal policies, & economic growth. Designed for students who desire a basic one-year course (with ECO 204) in Eco..
PREREQ: MAT 105 AND ENG 101 OR CONSENT OF INSTRUCTOR RECOMMENDED

ECO 204 ECONOMICS-MICRO  3 Units
Emphasizes the micro economic approach concerning households, firms, & market structures with a focus on price determination & distribution of income. Foreign trade & international financial institutions are included.
PREREQ: MAT 105 AND ENG 101 OR CONSENT OF INSTRUCTOR RECOMMENDED

ECO 209 UNDERSTANDING BUSINESS IN SOCIETY  3 Units
An exploration of how businesses make decisions that impact their firms, individuals, & society as a whole. Students learn & practice business concepts needed to make better decisions as employees, entrepreneurs, citizens, regulators, or researchers. Introduces fundamental economic principles & legal topics; emphasizes finance & accounting.
PREREQ: MAT 105

ECO 230 MONEY AND BANKING  3 Units
A study of the structure & operations of the commercial banking system & other financial institutions, central banking & monetary policy, monetary systems & their developments; theories of money, income & prices & their economic effect on the economy, impact of fiscal policy & international finance on monetary policy.
PREREQ: ECO 203 OR CONSENT OF INSTRUCTOR

ECO 243 ECONOMIC AND BUSINESS STATISTICS  3 Units
(BUS 243 & ECO 243 are the same course.) Elementary theory & business application of statistical techniques, probability & normal distribution, hypothesis testing, analysis & interpretation of economic & business data, index numbers, regression & time series analysis & Chi squares.
PREREQ: A GRADE OF C OR BETTER IN MAT 105 OR 108 OR EQUIVALENT

ECO 250 GOVERNMENT AND BUSINESS  3 Units
PREREQ: ECO 204

ECO 270 INTERNATIONAL ECONOMICS  3 Units
Intro to international trade & finance, including such topics as comparative advantage, trade restrictions, international trade organizations, foreign exchange markets & exchange rates, balance of payments, the international monetary system, & factor & capital mobility.
PREREQ: ECO 203 AND ECO 204

ECO 297 SPECIAL TOPICS Repeattble 1-3 Units
Prereq: cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

ECO 299 INDEPENDENT STUDIES Repeattble 1-3 Units
Prereq: cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

ECO 342 ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS  3 Units
This is a Surv. course focusing on reasons for pollution & natural resource misallocation, including property rights, externalities, & public good problems. Microeconomic analysis is applied to Environ. protection & natural resource Mgmt. with consideration of the equity & efficiency implications of public policy. Emphasis is placed on the valuation of Environ. benefits & costs, Eco. of renewable & nonrenewable natural resources as well as analysis of global Environ. issues such as population, climate change, deforestation, the oceans, & the atmosphere.
PREREQ: ECO 204

ECO 370 INTERNATIONAL ECONOMICS  3 Units
This course examines both international trade and international finance. In international trade, students will explore international trade theories, regulations, policies, and arrangements. In international finance, students will explore theories of balance of payments, foreign exchange rate markets, exchange rate, international adjustment mechanisms and open economy macroeconomics.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR; AND ECO 203 OR ECO 204

Education - Rock County Courses

EDU 201 CONCEPTS, ISSUES, AND FIELD EXPERIENCE IN EDUCATION  3 Units
Classroom discussion (two hours per week) of educational principles, concepts, & issues related to student-teacher-school-community interactions, including developmental aspects, sociocultural influences, & human relations. Off-campus experience involving active participation in the program at an educational institution (four hours per week of off-campus experience will usually be required, but number may vary with current DPI & 4-year campus requirements.)
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR
EDU 202 PERSONAL PORTFOLIO PREPARATION FOR EDUCATION MAJOR 1 Units
Personal Portfolio Preparation for Education Majors: Provides direct instruction on professional portfolio preparation for Education majors seeking admission to professional schools of education at a baccalaureate institution. Consistent with the particular requirements for Admission I status, the course provides the opportunity for successful admission to the transfer student.
PREREQ: EDU 201

EDU 211 SPECIAL TOPICS IN EDUCATION 1-3 Units
Specific topic to be announced in campus course schedule.

EDU 220 EDUCATION IN A PLURALISTIC SOCIETY 3 Units
This course is designed to prepare students to be competent teachers in a pluralistic society. Current theory & research on the major issues confronting educators in a pluralistic society will be explored: immigration, poverty, issues particular to Native Americans, African Americans, Hispanic Americans & other culture/ethnic groups, exceptionality, sexual orientation, religion & other special interest groups. Students in this course will have contact with students, colleagues, parents, & agencies representing different cultures, ethnicities & alternative lifestyles. The knowledge base & rationale for this course is specified in the Wisconsin Department of Public Instruction PI 34.15 (4) & s 118.19 statutory requirements for Teacher Education & Licensing.

EDU 230 EDUCATIONAL PSYCHOLOGY 3 Units
A study of the developmental process in children in the context of psychological principles of teaching & learning. Emphasis will be placed on understanding the social, emotional, physical, & intellectual development of children & adolescents. Attention will be directed toward the nature & conditions of learning, including the major types of learning, critical aspects of learning, & the problems encountered in fostering & directing learning.
PREREQ: PSY 201 OR PSY 202 OR EDU 201 WITH A GRADE OF C- OR BETTER, OR CONSENT OF INSTRUCTOR

EDU 265 WOMEN AND EDUCATION 3 Units
(EDU 265 & GSW 265 are the same course.) An Intro to the theories & practices of educating girls & women. Traditional & feminist perspectives on developmental models of learning, early childhood through adult education, curricular issues, & feminist pedagogy will be studied & critiqued.

EDU 283 LITERATURE FOR CHILDREN 3 Units
Folk Lit. including the fairy tale, fable, myth, epic, & tall tales. Emphasis on modern fanciful & realistic fiction, traditional & modern poetry, & ways of presenting Lit. to children.
PREREQ: A GRADE OF C OR BETTER IN ENG 102

EDU 300 THE EXCEPTIONAL INDIVIDUAL 3 Units
The Exceptional Individual: The purpose of this course is to educate & prepare students to understand & work with individuals with disabilities within schools by providing accurate information about disabilities & current best practices in education. Emphasis will be placed on understanding historical, legal, & philosophical frameworks; defining categories of disability; describing legal & ethical perspectives; how issues of accessibility in educational & social arenas affect people with disabilities; learning the role disability plays in the lives of families; becoming familiar with label criteria for disabilities; & the examination of how the referral/placement processes can either discriminate against marginalized populations or facilitate inclusion.
PREREQ: PSY 201 OR 202 (GRADE OF C- OR BETTER OR CONSENT OF INSTRUCTOR), EDU 201 AND EITHER PSY 250 OR PSY 360 RECOMMENDED

Engineering - Rock County Courses

EGR 102 THE CONCEPTS OF ENGINEERING 2 Units
This course equips engineering students with the necessary tools & background knowledge to be successful students & practicing engineers. Topics include Proj. Mgmt., teamwork, technical writing, creating presentations, ethics, engineering design, & a thorough understanding of the engineering profession.

EGR 103 ENGINEERING SPREADSHEET TOOLS 1 Units
This course equips engineering students with fundamental spreadsheet tools for use in their engineering schooling & future career. Topics include an Intro to computers, flow charts, spreadsheets, functions, graphics, curve fitting, logical statements, statistical analysis, unit conversion, & other data analysis techniques. Students who complete both EGR 102 & EGR 103 will receive the AP/IS designation of EGR 105.

EGR 105 ENGINEERING FUNDAMENTALS 3 Units
This course is designed to equip engineering students with the necessary tools & background knowledge to prepare them to be successful engineering students as well as a successful practicing engineer. Topics covered in this course include Proj. Mgmt., teamwork, technical writing, working with data & using spreadsheets, creating presentations, engineering design, & a thorough understanding of the engineering profession.
PREREQ: MAT 105 OR CONCURRENT ENROLLMENT UNREQ: EGR 102 AND EGR 103

EGR 110 ENGINEERING GRAPHICS WITH COMPUTER AIDED DRAFTING 3 Units
(Previously GRA 110) An Introductory course in engineering graphics focusing on graphical communication. Topics include descriptive geometry elements, visualization, engineering drawing techniques, orthographic projection, pictorial representation, auxiliary views, section views, & basic dimensioning. The course incorporates computer aided drafting (CAD) with engineering applications using 2-D drawing & 3-D modeling techniques.

EGR 111 SOLID MODELING AND DESIGN 1 Units
This Proj.-based course introduces students to reverse engineering & three-dimensional design using industry standard solid modeling software (SolidWorks). The course assumes some previous knowledge of solid modeling, such as would typically be gained in an Introductory engineering graphics & computer aided drafting course. This course will include one or more reverse engineering Proc. (s) that will require the students? application of engineering problem skills.

EGR 176 CREATIVE PROBLEM SOLVING AND PROJECT MANAGEMENT 3 Units
This course is designed for students in any discipline to understand & creative problem solving & Proj. Mgmt.. The course is an interdisciplinary course teaching design, problem solving, & Proj. Mgmt. skills by applying these principles in the context of a Rube Goldberg machine. The course will focus on solving the Rube Goldberg challenge for the year with the end product being a competitive Rube Goldberg machine. The course will cover topics in creative problem solving, design work, teamwork, Proj. Mgmt., sketching, public speaking, presentational performances, publishing, stage & set design & construction. The final product will then be displayed for the campus community & toured throughout various community events & schools.

EGR 201 STATISTICS 3 Units
(Previously MEC 201) Principles of mechanics, force systems, equilibrium, structures, distributed forces, moments of inertia of areas, & friction. The course will serve the requirements of the several engineering curricula.
PREREQ: MAT 221 (C OR BETTER) OR CONSENT OF INSTRUCTOR
A Comp. course focusing on the conventions of academic writing, the composing process, critical thinking, & critical reading. Emphasis will be on reading & writing activities designed to prepare students for successful transition to college-level writing.

ENG 099 WRITING STUDIO 1 Units
A small group & individualized instruction course that helps students develop college-level writing & critical reading skills. Emphasizes writing process strategies. Taken concurrently with a Comp. course or another writing-intensive class.

ENG 100 INTENSIVE COLLEGE WRITING AND READING 4 Units
An intensive introduction to college writing and reading for students with appropriate placement scores. Emphasis on textual analysis of a variety of genres (both fiction and nonfiction), critical argumentation, the writing process, conventions of academic prose, and improvement of grammatical control and proofreading skills.

ENG 101 COLLEGE WRITING AND CRITICAL READING 3 Units
A Comp. course focusing on academic writing, the writing process, & critical reading. Emphasis will be on essays that incorporate readings.

ENG 102 CRITICAL WRITING READING & RESEARCH 3 Units
A Comp. course focusing on researched academic writing that presents Info, ideas, & arguments. Emphasis will be on the writing process, critical thinking, & critical reading.

ENG 100 SPECIAL TOPICS IN FIRST YEAR ENGLISH 0 Units
Designed to cover topics which cannot be accommodated in usual course formats or by other courses. Topics, which will be specified in the campus course schedule, may include freshman Lit., readings in selected disciplines (e.g., readings in the Sci.s or the social Sci.s), or Intro to the English major. May be taken for credit more than once if content changes.

ENG 201 INTERMEDIATE COMPOSITION 3 Units
A Comp. course that builds on learning from first-year college writing to help students develop more advanced reading, writing, & research strategies & skills. Introduces students to key concepts in the field of writing studies & their application to the writing process. Emphasizes Indp. inquiry, critical reading, & rhetorical adaptability.

ENG 202 WRITING AND LITERATURE 3 Units
Studying & writing about various types of Lit.. Helps students develop the ability to write critical, analytical, & explicative papers about Lit..

ENG 203 CREATIVE WRITING I 3 Units
Chiefly devoted to writing & studying one or more of the following: fiction, poetry & drama.

English - Rock County Courses
ENG 097 TRIO INTRODUCTION TO COLLEGE WRITING 3 Units
A Comp. course focusing on the conventions of academic writing, the composing process, critical thinking, & critical reading. Emphasis will be on reading & writing activities designed to prepare students for successful transition to college-level writing. This course is offered by a campus TRIO program.
ENG 204 CREATIVE WRITING II 3 Units
This theme varies from time to time & may be, for example, philosophical, social, political, or psychological. May be taken for credit more than once if content changes.

ENG 205 LITERARY MAGAZINES 0 Units
A study of contemporary literary magazines, including national & student publications produced in print & online, resulting in students collaborating to produce their own literary publication(s). May be taken for credit more than once.
PREREQ: ENG 101 OR CONSENT OF INSTRUCTOR

ENG 206 TECHNICAL WRITING 3 Units
The study & practice of the techniques of achieving brevity, clarity, & fluency in technical prose with emphasis on generating reports, letters, proposals, & other technical writing forms. Particularly appropriate for students in Sci., engineering, architecture, & other applied Sci.s.

ENG 207 APPLIED ACADEMIC WRITING 3 Units
A Comp. course that helps students develop critical reading, writing, & research strategies & skills for a variety of academic & professional purposes at an Int. to advanced level. Emphasizes writing & research processes, collaborative learning, Indp. inquiry, critical reading, & rhetorical adaptability. Prepares students for upper-division writing-intensive coursework. Can be used in place of ENG 102 to fulfill the core writing requirement for students entering the BAAS program with an Associate's Degree from a Technical College.
PREREQ: FOR BAAS STUDENTS, COMPLETION OF ENG 101 WITH A GRADE OF C OR HIGHER OR EXEMPTION THROUGH A SUFFICIENTLY HIGH PLACEMENT ASSESSMENT. FOR NON-BAAS STUDENTS, A GRADE OF C OR BETTER IN ENG 102 OR EXEMPTION FROM ENG 102.

ENG 210 BUSINESS COMMUNICATION 3 Units
(BUS 210 & ENG 210 are the same course.) Study & practice of the techniques of achieving clarity, brevity & effectiveness in business communication. Planning, preparation, critiquing of business letters, memos, short & long reports, resumes, manuals of procedure, & oral reports.
PREREQ: ENG 102 OR CONSENT OF INSTRUCTOR

ENG 242 THE AMERICAN INDIAN IN LITERATURE AND FILM 3 Units
(AIS 242 & ENG 242 are the same course.) This course will provide a cross-disciplinary exploration of the images of American Indians & their relevance to American society in film, literary, & historical texts.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 250 INTRODUCTION TO LITERARY STUDIES 3 Units
An Intro to the discipline of literary studies through its fundamental approaches to reading, interpreting, & writing about a variety of texts, ranging from the classic to the contemporary with the goal of understanding, appreciating, & enjoying Lit.
PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 251 INTRODUCTION TO DRAMA 3 Units
Intensive analysis of dramatic Lit. using representative types from several periods of drama.
PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 253 INTRODUCTION TO THE SHORT STORY AND THE NOVEL 3 Units
Intensive analysis of fiction using representative types from several periods of narrative Lit.
PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 255 INTRODUCTION TO POETRY 3 Units
Intensive analysis of poetry using representative types from several periods of poetry.
PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 260 BRITISH LITERATURE I 3 Units
A study of the development of British Lit. before 1798 through a Surv. of significant poetry, drama, fiction, &/or nonfiction.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 261 BRITISH LITERATURE II 3 Units
A study of the development of British Lit. after 1798 through a Surv. of significant poetry, drama, fiction, &/or nonfiction.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 262 AMERICAN LITERATURE I 3 Units
A study of the development of American Lit. before 1865 through a Surv. of significant poetry, fiction, &/or nonfiction.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 263 AMERICAN LITERATURE II 3 Units
A study of the development of American Lit. after 1865 through a Surv. of significant poetry, fiction, &/or nonfiction.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 264 THE WESTERN TRADITION BEFORE 1665 3 Units
Selected masterpieces of the West tradition in Lit. from ancient time to the end of the seventeenth century.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 265 THE WESTERN TRADITION IN LITERATURE AFTER 1665 3 Units
Selected masterpieces of the West tradition in Lit. from the end of the seventeenth century to the present.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 266 MODERN LITERATURE 3 Units
his course covers three explosive literary & artistic movements in early-twentieth-century American Lit.: the Harlem Renaissance, the Southern Renaissance & the Lost Generation.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 276 CONTEMPORARY LITERATURE 3 Units
A study of the development of contemporary Lit. through a Surv. of significant poetry, drama, fiction, &/or nonfiction written after 1945.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ANTIREQ: ENG 276
ENG 268  INTERNATIONAL LITERATURE BEFORE 1750  3 Units
A study of notable authors from a variety of regions & eras, ranging from non-West traditions such as the Indian, Arabic, West African, Chinese, Japanese &/or Native American to West traditions such as the Greek, Scandinavian, French, Russian, Australian, &/or Latin American. Content & focus will vary according to instructor.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 269  INTERNATIONAL LITERATURE AFTER 1750  3 Units
A study of notable authors from a variety of regions & eras ranging from non-West traditions such as the Indian, Arabic, West African, Chinese, Japanese &/or Native American to West traditions such as the Greek, Scandinavian, French, Russian, Australian &/or Latin American. Content & focus will vary according to instructor.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 270  ENGLISH LITERATURE  3 Units
A study of the nature of British Lit. through a Surv. of significant poetry, drama, fiction, &/or nonfiction by major British authors.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 271  CHILDREN'S LITERATURE  3 Units
A Surv. of Lit. for children focused on techniques of literary study, social contexts of Lit., new developments in the field of study, & criteria for evaluating the quality of fiction & novels, picture books, fairy tales, nonfiction texts, poetry, & plays. Recommended for students who have achieved sophomore st&ing.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 272  AMERICAN LITERATURE  3 Units
A study of the nature of American Lit. through a Surv. of significant poetry, drama, fiction, &/or nonfiction by major American authors.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 273  STUDIES IN INTERNATIONAL LITERAURE  3 Units
A study of notable authors from a variety of regions & eras, ranging from non-West traditions such as the Indian, Arabic, West African, Chinese, Japanese &/or Native American to West traditions such as the Greek, Scandinavian, French, Russian, Australian, &/or Latin American. Content & focus will vary according to instructor.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 274  TWENTIETH CENTURY NOVELS OF THE WORLD  3 Units
A study of the twentieth century novel in a number of countries (usually excluding American & European novels). The course will explore the cultures of those countries as they are reflected in the novels.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 275  TWENTIETH AND TWENTY-FIRST CENTURY LITERATURE  3 Units
A study of the nature of twentieth & twenty-first century Lit. through a Surv. of significant poetry, drama, fiction &/or nonfiction by significant authors. Primarily British & American, of the twentieth & twenty-first centuries.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 276  FILM STUDIES  3 Units
An exploration of some aspect, theory, problem, or distinctive variety of film, particularly narrative film. Emphasis may be upon the history of a genre, a single artist, or the distinctive character of the medium in comparison to drama or narrative fiction. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 277  MULTICULTURAL LITERATURE IN AMERICA  3 Units
A study of ethnic Lit.s in America, chiefly African American, Asian American, Native American, &/or Latino, though not necessarily limited to these groups. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 278  WOMEN WRITERS  3 Units
(ENG 279 & GSW 279 are the same course.) A study of women writers through a Surv. of significant poetry, drama, fiction, nonfiction, &/or film. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 279  A THEM IN LITERATURE  3 Units
This theme varies from time to time & may be, for example, philosophical, social, political, or psychological. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 280  INTRODUCTION TO SHAKESPEARE  3 Units
A study of selected plays & sonnets.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 281  SCIENCE FICTION AND/OR FANTASY LITERATURE  3 Units
A study of texts (e.g., fiction, nonfiction, poetry, drama, film) that speculate on alternative futures or worlds.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR
ENG 285  LITERATURE OF NATURE  3 Units
A study of texts characterizing the natural world as experienced primarily by American writers of the 19th & 20th centuries.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 286  THE LITERATURE OF SPORT  3 Units
A study of texts (e.g., fiction, nonfiction, poetry, drama, film) that use sports in significant thematic or symbolic ways, primarily by Americans in the 20th century.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 287  THE BIBLE AS LITERATURE  3 Units
A study of literary aspects of selected portions of the Bible.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 288  RELIGIOUS TRADITIONS IN LITERATURE  3 Units
A study of texts (e.g., fiction, nonfiction, poetry, drama, film) that treat religion &/or spirituality in significant thematic ways. Readings may include sacred scriptures, but the course may focus instead on the themes presented in various texts & religions.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 289  INTRODUCTION TO LGBTQ+ LITERATURE IN THE UNITED STATES  3 Units
This course introduces lesbian, gay, bisexual, trans, and queer (LGBTQ +) studies through literary representations. It focuses on the exploration of the cultural, social, medical, historical, and political understandings of sexuality and gender marginality. It also addresses contemporary issues related to LGBTQ+ individuals and communities and examines the meaning and representation of heterosexuality and gender normativity in relation to LGBTQ+ experiences.
PREREQ: ENG 101 OR INSTRUCTOR CONSENT

ENG 290  SPECIAL TOPICS Repeatable  1-3 Units
Designed to cover topics which cannot be accommodated in usual course format or by other courses. Topics, which will be specified in the campus schedule, could include the study of a literary subgenre, the Lit. surrounding a specific historical event, or the construction of a campus newspaper or literary magazine. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST
OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 299  INDEPENDENT STUDY Repeatable  1-3 Units
Individual student program must be approved by the UW Colleges English Department chair. May be taken for credit more than once if content changes.

ENG 305  LITERATURE IN COMMUNITIES  3 Units
This course gives students the opportunity to participate in developing local or regional literary outreach events, programs, and publications. Students may serve in a variety of roles, such as literary editor, creative writing workshop facilitator, or event planner, in implementing service-learning projects at local schools, libraries, or other venues. This course will explore the role of literary centers and programs, and small press, journal, and Web publications in creating and sustaining communities, as well as the role literary forms such as stories, memoirs, and poetry play in the lives of individuals and communities.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

ENG 308  LITERATURE IN COMMUNITIES  3 Units
This course examines various approaches to proposal writing for projects that support non-profit organizations in their local communities. Students will develop a basic understanding of how to locate and understand proposal requests, how to identify grant-funding sources and how to write grant applications. A service-learning project will allow students to apply these skills to serve community needs.

ENG 379  WOMEN WRITERS  3 Units
An intermediate course exploring selected topics in literature by women writers (poetry, drama, fiction, nonfiction, and /or film) and in relation to women in various historical and/or cultural contexts. Topics vary according to the interests of students and the instructor. May be taken for credit more than once if content changes.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

ENG 381  INTERMEDIATE TOPICS IN LITERATURE: EAST ASIAN HISTORY AND LITERA  3 Units
This course charts primary experiences of modern and contemporary Japanese, Chinese, and Korean women, who occupy very different histories and experiences of life in the twentieth century from one another, through the influences of modernization, communism, colonization, and capitalism. We will look to history and literature to reveal the lives of East Asian women by exploring the many roles women have fulfilled, either by force or choice, including those of mothers, revolutionaries, shamans, crones, and other working women, such as geisha, so-called "comfort women," and new capitalist business women.
PREREQ: ENG 281, ENG 101, ENG 381, ENG 102; AND JUNIOR STANDING OR CONSENT OF THE INSTRUCTOR

ENG 391  MIDWESTERN LITERATURE  3 Units
Very often, the Midwest is misrepresented and projected in extremes: a place of open spaces representing opportunity and possibility or a location thought to be provincial, small-minded, and uninspiring. In this course, we will look past these over-simplifications and study a number of literary works (novels, poetry, plays, and non-fictional texts) that represent the complexity of this large area encompassing many states in the "heartland" of the country.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

French - Rock County Courses

FRE 101  FIRST SEMESTER FRENCH  4 Units
For students who have had no previous training in the language. Emphasis on reading, writing, listening, & speaking in French. Classes also may include cultural studies of France & other French-speaking countries. Field trip may be required.

FRE 103  FIRST SEMESTER FRENCH--PART I  2 Units
For students who have had no previous training in the language. This course is the first module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in French. Classes may include cultural studies of France & other French-speaking countries. Field trip may be required. (This course in combination with FRE 104 is equivalent to FRE 101.)

FRE 104  FIRST SEMESTER FRENCH--PART II  2 Units
Continuation of FRE 103 & second module of a two-part Introductory sequence. Field trip may be required. (This course in combination with FRE 103 is equivalent to FRE 101.)
PREREQ: FRE 103 OR CONS. INSTR

FRE 105  SECOND SEMESTER FRENCH  4 Units
Continuation of FRE 101 or FRE 104. Field trip may be required.
PREREQ: FRE 101 OR FRE 104 OR CONSENT OF INSTRUCTOR
FRE 106 SECOND SEMESTER FRENCH--PART I  2 Units
Continuation of FRE 101 or FRE 104. This is the first module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with FRE 107 is equivalent to FRE 105.)
PREREQ: FRE 101 OR FRE 104 OR CONSENT OF INSTRUCTOR

FRE 107 SECOND SEMESTER FRENCH--PART II  2 Units
Continuation of FRE 106 & second module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with FRE 106 is equivalent to FRE 105.)
PREREQ: FRE 106 OR CONSENT OF INSTRUCTOR

FRE 118 PRACTICAL SPOKEN FRENCH  1-2 Units
Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses.
PREREQ: CONSENT OF INSTRUCTOR

FRE 201 THIRD SEMESTER FRENCH  4 Units
Reviews grammar taught during first two Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required.
PREREQ: FRE 105 OR FRE 107 OR CONSENT OF INSTRUCTOR

FRE 203 THIRD SEMESTER FRENCH--PART I  2 Units
This course is the first module of a two-part third-Sem. sequence. Reviews grammar taught during the first two (or four) Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. (This course in combination with FRE 204 is equivalent to FRE 201.)
PREREQ: FRE 203 OR CONSENT OF INSTRUCTOR

FRE 204 THIRD SEMESTER FRENCH--PART II  2 Units
Continuation of FRE 203 & second module of a two-part third-Sem. sequence. Field trip may be required. (This course in combination with FRE 203 is equivalent to FRE 201.)
PREREQ: FRE 203 OR CONSENT OF INSTRUCTOR

FRE 205 FOURTH SEMESTER FRENCH  4 Units
Continuation of FRE 201 or FRE 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in French. Field trip may be required.
PREREQ: FRE 201 OR FRE 204 OR CONSENT OF INSTRUCTOR

FRE 206 FOURTH SEMESTER FRENCH--PART I  2 Units
Continuation of FRE 201 or FRE 204. This is the first module of a two-part fourth-Sem. sequence. Reading, writing, audio/oral practice, cultural insights based on literary texts in French. Field trip may be required. (This course in combination with FRE 207 is equivalent to FRE 205.)
PREREQ: FRE 201 OR FRE 204 OR CONSENT OF INSTRUCTOR

FRE 207 FOURTH SEMESTER FRENCH--PART II  2 Units
Continuation of FRE 206 & second module of a two-part fourth-Sem. sequence. Field trip may be required. (This course in combination with FRE 206 is equivalent to FRE 205.)

FRE 212 INTRO TO FRENCH III  4 Units
Continuation & completion of Introductory material in a cultural context with an emphasis on Int.-level reading, speaking & writing. Lab attendance for listening comprehension is required & remains an integral part of the course. (Usually offered first Sem. only.)

FRE 215 ELEMENTARY CONVERSATION AND COMPOSITION  1-2 Units
May be taken concurrently with FRE 201 or by itself. Stresses practical application of theory learned in four-credit courses. Written & audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit.
PREREQ: FRE 105 OR FRE 107 OR CONSENT OF INSTRUCTOR
GEO 106 INTRODUCTION TO GEOGRAPHIC INFORMATION SCIENCES 4 Units
An Intro to methods for organizing & interpreting spatial Info using state-of-the-art techniques & tools of geographic Info Sci.s. These include remote sensing, computer cartography, global positioning systems (GPS) & spatial analysis. H&s-on experiences provide a foundation for higher level courses & applications across the disciplines, e.g. Anthroplogy, Soc., planning, history, as well as Geo., geology, & climatology.

GEO 107 INTRODUCTION TO MAPS AND AIR PHOTOS 4 Units
(GEO 107 & GLG 107 are the same course.) The use & interpretation of aerial photos & other forms of remote sensing & the basics of map reading, analysis & interpretation including a brief Intro to the principles of map design & construction. Emphasis on topographic & thematic maps & air photos.

GEO 110 WORLD REGIONAL GEOGRAPHY 3 Units
Intro to cultural Geo. through the study of representative & significant world regions. Examples will compare & contrast present & potential ethnic, social, political, & Env.al problems across select regions of the world, & explore basic solutions.

GEO 115 ECONOMIC GEOGRAPHY 3 Units
Analysis of location of population & the distribution & character of leading global economic activities: agriculture, fishing, forestry, mining, manufacturing, transportation, & trade. Field trip(s) may be required.

GEO 120 INTRODUCTION TO PHYSICAL GEOGRAPHY 3 Units
The Geo. of Earth's physical characteristics, including weather & climate, climate types, water, soils, Earth materials, & Earth resources; study of the processes & interactions creating Earth's physical geographic patterns. May not be taken for credit by students who have had GEO 125, GEO 123 or GEO 124.

GEO 123 PHYSICAL GEOGRAPHY: WEATHER AND CLIMATE 3 Units
Study of earth's atmospheric elements in both the short term (weather events) & long term (climate & climate change). Subjects include temperature, the seasons, pressure, wind & wind systems, humidity, cloud cover, stability & precipitation, jetstreams, cyclones & fronts, tornadoes & hurricanes. Study of the world's different climate regions, soils & vegetation; climate change (Greenhouse Effect, Ice Ages), & human interaction with weather & climate. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 120 or GEO 125.

GEO 124 PHYSICAL GEOGRAPHY: LANDFORMS 4-5 Units
Study of the evolution & distribution of Earth's surface features (l&forms) & physical l&scapes along with the processes shaping them. Study covers plate tectonics, volcanoes, faults, rivers & river flow, glaciers, beaches, dunes, l&slides, etc. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 120 or GEO 125.

GEO 125 PHYSICAL GEOGRAPHY 5 Units
The Geo. of Earth's physical characteristics, including weather & climate, climate types, water, soils, Earth materials, & Earth resources; study of the processes & interactions creating Earth's physical geographic patterns. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 120, GEO 123 or GEO 124.

GEO 130 HUMAN IMPACT ON THE ENVIRONMENT 3 Units
A natural Sci. course describing the alteration of the physical Env. with the resulting effects on air, water, soils, vegetation, animal life & humans. Field trip(s) may be required. Geo 130 meets DPI requirements for Env.al education at some UW baccalaureate institutions.

GEO 170 DISASTERS-LIVING ON THE EDGE 3 Units
A natural Sci. course describing the alteration of the physical Env. with the resulting effects on air, water, soils, vegetation, animal life & humans. Field trip(s) may be required. Geo 130 meets DPI requirements for Env.al education at some UW baccalaureate institutions.

GEO 200 HISTORICAL GEOGRAPHY OF THE AMERICAN FRONTIER 4 Units
(Same as GLG 170) Study of various Env.al hazards, their causes, impacts on humans, & mitigations. Core topics are natural hazards (earthquakes, volcanoes, flooding, l&slides, tornadoes, hurricanes), & anthropogenic hazards (climate change/global warming, nuclear hazards, & overpopulation). Additional topics may be covered: coastal hazards, pollution of groundwater, air, soil, & water, other atmospheric hazards (extreme weather, droughts), impacts from space, extinctions, biohazards, chemical hazards, & terrorism.

GEO 270 GLOBAL CLIMATE CHANGE: PAST, PRESENT, AND FUTURE 3 Units
This course will examine contemporary scientific thought on the cycles of climate change, underst&ing of past climate conditions, the current state of the atmosphere, & predictions for future change & adaptation strategies. Close emphasis will be placed on evidence for climate change through cultural evidence for change (journals, historical documents) as well as physical evidence & proxies (tree rings, fossils, ice cores, sediments). Past periods of climate change will be analyzed in order to underst& how life was affected during those events as well as to set the context to better underst& scientific though on current & future climate trends.

GEO 277 GEOGRAPHY OF WORLD ENERGY 3 Units
A geographically-based overview of non-renewable & renewable energy on a global scale. Human innovations that may provide opportunities for a more sustainable energy future are emphasized. Socioeconomic & Env.al implications of its recovery, distribution, & use are explored for each type of energy resource. Prereq: One Sem. of college work.

GEO 291 GEOGRAPHIC FIELD STUDY 1-6 Units
Classroom study of an area of geographic interest followed by field study of the area. May be taken for credit more than once if topics are different. Cons. instr. PREREQ: CONSENT OF INSTRUCTOR

GEO 294 INTERNSHIP IN GEOGRAPHY Repeatable 1-3 Units
An internship designed to provide students with opportunities to apply knowledge & skills learned in Geo. courses to professional situations & to gain experience working in a Geo.-related institution (planning office, department of natural resources, mapping service, state & county soil office, etc.). The internship is intended for advanced students with prior Geo. coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.

GEO 297 SPECIAL TOPICS IN GEOGRAPHY Repeatable 1-3 Units
Designed to cover topics not ordinarily covered in existing courses, or that cannot be accommodated in existing course formats. The topics selected in this course will depend on competencies of available staff & will be announced in the course timetable. May be taken more than once for credit if topics are different. PREREQ: CONSENT OF INSTRUCTOR
GEO 299 INDEPENDENT STUDY  Repeatable  1-3 Units
Individual study under the supervision of an instructor. May be taken more than once for credit if topics are different.
PREREQ: CONSENT OF INSTRUCTOR

GEO 300 POPULATION: WORLD SURVEY  3-4 Units
Contrasts in numbers, densities, & qualities of population with emphasis on regional implication.

GEO 341 THE UNITED STATES AND CANADA  3 Units
Description & analysis of the physical & cultural landscapes of the U.S. & Canada.
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 342 GEOGRAPHY OF WISCONSIN  3 Units
The Geo. of Wisconsin's natural & cultural landscapes with an emphasis on their sequential development & changing patterns of land use & settlement. Natural resources, population, land utilization, & economic development of the state. Field trip(s) maybe required.
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 349 NORTHWESTERN EUROPE  3 Units
Description & analysis of the physical & cultural landscapes of NorthWest Europe. Includes the British Isles, Scandinavian countries, Low countries, France, Germany, Switzerland, & Austria.
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 350 ENVIRONMENTAL CONSERVATION  3 Units
Study of the human use, conservation, & Mgmt. of the Earth's resources; ecosystems; human interactions with the Env.; human population growth; impact of technology on the Env.; & practical solutions to environmental problems. Field trip(s) may be required. GEO 350 meets DPI requirements for Env.al education at some UW baccalaureate institutions.
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 385 CULTURE, HEALTH, AND GLOBALIZATION  3 Units
This course is an exploration of how the health of individuals, communities, and nations are impacted by globalization. The course uses an interdisciplinary approach to analyze the historical, economic, political, and socio-cultural dimensions of health in various regions around the world, including Sub-Saharan Africa, South Asia, East Asia, Latin America, and Europe. Rather than aiming to arrive at a fixed definition of "globalization" or to theorize the relationship between globalization and human well-being in universal terms, we will ask what is being globalized, how globalization is changing the world, and who is responsible for its consequences.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

GEO 450 ENVIRONMENTAL CONSERVATION  3 Units
Study of the human use, conservation, and management of Earth's resources; ecosystems, human interactions with the environment; human population growth; impact of technology on the environment; and practical solutions to environmental problems. Field trip(s) may be required. GEO 350 meets the DPI requirements for environmental education at some UW baccalaureate institutions.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

German - Rock County Courses
GER 101 FIRST SEMESTER GERMAN  4 Units
For students who have had no previous training in the language. Emphasis on reading, writing, listening, & speaking in German. Classes also may include cultural studies of Germany & other German-speaking countries. Field trip may be required.

GER 103 FIRST SEMESTER GERMAN-PART I  2 Units
For students who have had no previous training in the language. This course is the first module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in German. Classes may include cultural studies of Germany & other German-speaking countries. Field trip may be required. (This course in combination with GER 104 is equivalent to GER 101.) No prerequisite.

GER 104 FIRST SEMESTER GERMAN-PART II  2 Units
Continuation of GER 103 & second module of a two-part Introductory sequence. Field trip may be required. (This course in combination with GER 103 is equivalent to GER 101.)
PREREQ: GER 103 OR CONS. INSTR.

GER 105 SECOND SEMESTER GERMAN  4 Units
Continuation of GER 101 or GER 104. Field trip may be required.
PREREQ: GER 101 OR GER 104 OR CONSENT OF INSTRUCTOR

GER 106 SECOND SEMESTER GERMAN-PART I  2 Units
Continuation of GER 101 or GER 104. This is the first module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with GER 107 is equivalent to GER 105.)
PREREQ: GER 101 OR GER 104 OR CONSENT OF INSTRUCTOR

GER 107 SECOND SEMESTER GERMAN-PART II  2 Units
Continuation of GER 106 & second module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with GER 106 is equivalent to GER 105.)
PREREQ: GER 106 OR CONSENT OF INSTRUCTOR

GER 118 PRACTICAL SPOKEN GERMAN  1-2 Units
Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses.
PREREQ: CONSENT OF INSTRUCTOR

GER 201 THIRD SEMESTER GERMAN  4 Units
Reviews grammar taught during first two Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required.
PREREQ: GER 105 OR GER 107 OR CONSENT OF INSTRUCTOR

GER 203 THIRD SEMESTER GERMAN-PART I  2 Units
This course is the first module of a two-part third-Sem. sequence. Reviews grammar taught during the first two (or four) Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. (This course in combination with GER 204 is equivalent to GER 201.)
PREREQ: GER 105 OR GER 107 OR CONSENT OF INSTRUCTOR

GER 204 THIRD SEMESTER GERMAN-PART II  2 Units
Continuation of GER 203 & second module of a two-part third-Sem. sequence. Field trip may be required. (This course in combination with GER 203 is equivalent to GER 201.)
PREREQ: GER 203 OR CONSENT OF INSTRUCTOR

GER 205 FOURTH SEMESTER GERMAN  4 Units
Continuation of GER 201 or GER 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in German. Field trip may be required.
PREREQ: GER 201 OR GER 204 OR CONSENT OF INSTRUCTOR
GLG 101 PHYSICAL GEOLOGY  4-5 Units
Study of the physical nature of Earth: the processes in operation above, on & beneath the surface that continue to shape its physical evolution (e.g. volcanism, plate tectonics, faulting & earthquakes, glaciation, rivers); the origin & nature of common minerals & rocks & their distribution in the world; landscapes & their origins (e.g. mountain ranges, glacial forms, river valleys, etc.). Lab work includes the study of rocks & minerals, the interpretation of geological & topographic maps & aerial photographs, along with data, map & chart analysis. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GLG 100.

GLG 102 HISTORICAL GEOLOGY  4-5 Units
Study of the history of the Earth, beginning with its place in the solar system. An Intro to common rocks & minerals, to geological principles & reasoning, & to concepts of geologic time. Study of how the physical Geo. of Earth has changed through time & how the changes in the rock record tell of seas, mountain ranges, deserts, & ice ages through geologic time. Study of the fossil record & how life on Earth has changed to cope with the varying physical Env.s of Earth. Two or four hours of lab per week depending on the credit. Field trip(s) may be required.

GLG 104 LANDSCAPES OF NORTH AMERICA  3 Units
(GEO 104 & GLG 104 are the same) A general Surv. of the characteristics & origins of major natural/physical regions of North America, with emphasis on national parks & monuments & other public areas. Field trip(s) may be required.

GLG 125 ELEMENTARY GEODETICS  3 Units
A brief study of minerals, rocks, fossils, geologic maps, & the processes creating & modifying the surface & subsurface features of earth. Field trip(s) may be required. May not be taken for credit by students who have had GLG 101.
GLG 169 ENVIRONMENTAL GEOLOGY  4 Units
The physical Env. & our interaction with it. Emphasis on earth processes affecting humans, such as flooding, erosion, groundwater, &slides & earthquakes. The impact of humans upon the Env. along with the application of the Sci. of geology to these impacts. Air, water & soil pollution studied from a physical-chemical standpoint. The depletion of energy & mineral resources & the need for humans to design with nature. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GLG 135.

GLG 170 DISASTERS-LIVING ON THE EDGE  3 Units
(Same as GEO 170) Study of various Env. hazards, their causes, impacts on humans, & mitigations. Core topics are natural hazards (earthquakes, volcanoes, flooding, &slides, tornadoes, hurricanes), & anthropogenic hazards (climate change/global warming, nuclear hazards, & overpopulation). Additional topics may be covered: coastal hazards, pollution of groundwater, air, soil, & water, other atmospheric hazards (extreme weather, droughts), impacts from space, extinctions, biohazards, chemical hazards, & terrorism.

GLG 180 FORENSIC GEOLOGY  3-4 Units
Study of geology & how the geologic Sci.s contribute to the solving of crimes. The course includes examination of rocks & minerals, sediments, soil, fossils, pollen, maps & air photos as well as various geologic techniques such as optical microscopy, scanning electron microscopy, x-ray diffraction & ground-penetrating radar. The geologic subjects & techniques will be covered from a forensic point of view. The course includes hands-on approaches & development of critical observation skills. Field trip(s) required.

GLG 251 INTRODUCTION TO SOIL AND WATER RESOURCES  4 Units
Course material is presented in an interdisciplinary manner providing a comprehensive examination of the physical, chemical, & biological properties of soil & water resources, & how these are linked to watershed processes & use practices on the landscape level.

GLG 270 GLOBAL CLIMATE CHANGE: PAST, PRESENT, AND FUTURE  3 Units
This course will examine contemporary scientific thought on the cycles of climate change, understanding of past climate conditions, the current state of the atmosphere, & predictions for future change & adaptation strategies. Close emphasis will be placed on evidence for climate change through cultural evidence for change (journals, historical documents) as well as physical evidence & proxies (tree rings, fossils, ice cores, sediments). Past periods of climate change will be analyzed in order to understand how life was affected during those events as well as to set the context to better understand scientific though on current & future climate trends.

GLG 291 GEOLOGICAL FIELD STUDY  1-6 Units
Formal classroom study of an area of geologic interest followed by field study of the area. May be taken for credit more than once.

GLG 294 INTERNSHIP IN GEOLOGY  Repeatable  1-3 Units
An internship designed to provide students with opportunities to apply knowledge & skills learned in Geology courses to professional situations & to gain experience working in a geology-related institution (planning office, department of natural resources, mapping service, state & county soil office, geology/natural or earth Sci. museum, petroleum industry, etc.). The internship is intended for advanced students with prior Geology coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.

GLG 297 SPECIAL TOPICS IN GEOLOGY  Repeatable  1-3 Units
Designed to cover topics not ordinarily covered in existing courses, or that cannot be accommodated in existing course formats. The topics selected in this course will depend on competencies of available staff & will be announced in the course timetable. May be taken more than once for credit if topics are different.
PREREQ: CONSENT OF INSTRUCTOR

GLG 299 INDEPENDENT STUDY  Repeatable  1-3 Units
Individual study under the supervision of an instructor. May involve seminar presentation. May be taken more than once if topic is different.
PREREQ: CONSENT OF INSTRUCTOR

GLG 309 GEOMORPHOLOGY  3 Units
Principles & analysis of geomorphic processes & resulting landforms. Field trip.
PREREQ: ONE OF THE FOLLOWING: GLG 100, GLG 101, GLG 135, GLG 169, GEO 120, GEO 124

GLG 343 GLACIAL AND PLEISTOCENE GEOLOGY  3 Units
Principles, characteristics, & work of glaciers; events of the Pleistocene Period. Field trips.
PREREQ: ONE OF THE FOLLOWING: GLG 100, GLG 101, GLG 135, GLG 169, GEO 120, GEO 124

Gender, Sex, Women Studies - Rock County Courses

GSW 101 INTRODUCTION TO GENDER, SEXUALITY, AND WOMEN'S STUDIES  3 Units
An Intro to the major issues addressed by women's & gender studies with an emphasis on interdisciplinary social Sci. theories & methodologies involved in gaining accurate knowledge about women's lives & contributions to society, both within the U.S. & around the world. Perspectives, texts, & methodologies from across the social Sci. disciplines ranging from history, Eco., Soc., political Sci., public health, criminal justice, psychology, & others will be used to understand the experience of women & the cultural construction of gender

GSW 102 WOMEN'S VOICES  3 Units
An Introductory & interdisciplinary humanities course drawing upon diverse texts & methodologies representative of the following humanities disciplines: art, Phil., religious studies, music, film, history, Lit., feminist theory, cultural studies, media studies, & performance art/drama. Students will examine multicultural readings ranging from creative nonfiction, essays, feminist theory, philosophical reflection, fiction, poetry, historical accounts, drama, cultural critique, feminist analysis, memoir, visual arts, letters, diaries, & others to build an understanding of the multiple scholarly approaches in the humanities to the study of women's lives. Prereq: None
GSW 130  BIOLOGY OF WOMEN  3 Units
(BIO 186 & GSW 130 are the same course.) An Intro to the Physiology & reproductive anatomy of women including pregnancy, human development, cancer, infertility, birth control, sexually transmitted diseases & other health issues.

GSW 201  INTRODUCTION TO LGBTQ STUDIES  3 Units
This course will provide an Intro into Lesbian, Gay, Bisexual, Transgender, & Queer (LGBTQ) Studies. Considering LGBTQ Studies as an interdisciplinary field, this course will focus on how the central concepts of sexual orientation & gender identity work within history, politics, Lit., technology, art, music, Phil., education, & psychology. Throughout this course, students will work towards a deep understanding of the intersectional dynamics of privilege & oppression as they relate to LGBTQ individuals & culture by exploring the lived experiences of LGBTQ individuals & their families.
PREREQ: COMPLETION OF, PLACEMENT INTO, OR CONCURRENT ENROLLMENT IN ENG 102

GSW 202  FEMINIST PHILOSOPHY  3 Units
(Phi 202 & GSW 202 are the same course.) An Intro to feminist philosophies through a study & critique of traditional & feminist views about women, their lives, society, & knowledge, with particular attention to theories of women's oppression.

GSW 203  WOMEN IN POPULAR CULTURE  3 Units
In this course, we will examine ways gender has been portrayed & are currently portrayed in the media, in television & movies, popular music, internet, print sources like magazines, popular fiction, & newspapers, & other cultural artifacts. With readings ranging from critical theory to popular fiction, we will speculate on the impact of & source for popular portrayals of women in particular & the social construction of gender, race, & other social categories. The course will also encourage students to question agency in the creation & consumption of mass culture. Issues of race, class, sexual orientation, age, & physical ability will be important as we explore & critically examine the forms & functions of popular culture.

GSW 204  INTRODUCTION TO MASCULINITIES  3 Units
This course will provide an Intro into Masculinity Studies. Considering Masculinity Studies as an interdisciplinary field, this course will focus on how the central concepts of masculinity work within history, politics, Lit., technology, art, music, Phil., education, & psychology. Throughout this course, students will work towards a deep understanding of the intersectional dynamics of race, gender, class, & other aspects of identity as they relate to the construction of various masculinities.

GSW 205  WOMEN, RELIGION, AND SPIRITUALITY  3 Units
This course explores the roles of women in the beliefs & practices of religion, including Christianity, Judaism, Islam, Buddhism, Hinduism, & Native American traditions, & historical & contemporary women's religious movements. Prereq: None

GSW 208  PSYCHOLOGY OF GENDER  3 Units
(PSY 208 & GSW 208 are the same course.) This process & consequences of gender development; review of current gender research & theory in the context of cultural, psychological, biological, historical, & cross-cultural perspectives. The course focuses on female & male experience as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression, & sexuality.

GSW 210  WOMEN'S HEALTH AND SEXUALITY IN SOCIETY  3 Units
This course will offer basic facts about the structure & functioning of the female body; issues in women's health & sexuality will be approached interdisciplinarily & will include physical, mental, emotional, & social health & wellness topics & will be framed by discussions of race, class, & other cultural identities. Cultural, social, economic & political contexts will be explored.

GSW 218  WOMEN AND SPORT  3 Units
(HES 218 & GSW 218 are the same course.) A course focusing on the social dimensions & the historical & cultural foundations of women & sport in our society. Emphasis will be placed on exploring the changing roles & opportunities in sports for women, as well as how past & current beliefs regarding gender, sexuality, & race & ethnicity shape the experiences of women in sports in our society. Selected topics include: the history of physical education, activity & fitness for women in the U.S., barriers/structural constraints facing women in sports, race & ethnicity, women's health issues, sexuality & homophobia, the role of journalism & the media, career opportunities for women, & the future of sports for women in our society.

GSW 225  GENDER AND COMMUNICATION  3 Units
(CTA 225 & GSW 225 are the same course.) This course focuses on multi-layered relationships between gender, communication, & culture. It explores the ways communication creates & perpetuates gendered identities & gendered interaction. It examines the ways mass, interpersonal, group, intercultural, & rhetorical communications are influenced by gender.
PREREQ: PREV COURSE CTA (COMMUNICATION AND THEATRE ARTS) OR GWS (WOMEN'S STUDIES) OR CONSENT OF INSTRUCTOR

GSW 231  SEX, POWER, AND PUBLIC POLICY  3 Units
(POL 231 & GSW 231 are the same course.) Examination of controversial issues of gender that affect equality & power. Includes women's movement & the search for equality, justice & freedom. Examines political & judicial policies that exemplify success & failure.

GSW 238  SOCIOLOGICAL PERSPECTIVES ON GENDER  3 Units
(SOC 238 & GSW 238 are the same course.) A sociological examination of roles assigned to women & men in society, including the experiences of marriage, parenthood, employment & occupational attainment. Pays particular attention to gender role socialization & its cultural reinforcement, to patterns of gender relations & to ongoing changes.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

GSW 247  LATIN AMERICAN AND LATINA WOMEN(ES)  3 Units
(SPA 247 & GSW 247 are the same course.) This course will examine the lives & literary works of Latin American & Latina women within Latin American society & in the U.S. Particular attention will be given to the roles assigned to these women by patriarchal cultures & to the stereotypes that have influenced their lives. This course will examine how Latin American & Latina women have resisted race, class & gender oppression. The complex relationships among these factors & ethnicity will be examined through the analysis of a variety of primary texts, films, & scholarly articles. The course will be taught in English.

GSW 250  WOMEN IN CROSS-CULTURAL PERSPECTIVES  3 Units
(ANT 250 & GSW 250 are the same course.) Study of women in a variety of cultures around the world, both past & present. Includes consideration of the sexual division of labor, marriage systems, child rearing, relationships between men & women, systems of myth & ideology concerning women's roles, & the effects of socio-economic development & rapid social change.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS
GSW 260  WOMEN AND SCIENCE  3 Units
Women & Sci. will take a three-pronged approach to its subject: the history of women in Sci., their contributions to various fields, & current obstacles women face in scientific fields; how scientific disciplines have constructed gender & studies women; & feminist critiques of Sci., including recommendations for change, to encourage participation in & representation of women in Sci..

GSW 265  WOMEN AND EDUCATION  3 Units
(EDU 265 & GSW 265 are the same course.) An Intro to the theories & practices of educating girls & women. Traditional & feminist perspectives on developmental models of learning, early childhood through adult education, curricular issues, & feminist pedagogy will be studied & critiqued.

GSW 270  WOMEN IN BUSINESS  3 Units
Women in Business examines the opportunities, challenges & problems women encounter in pursuing a career in business. This course will consider the history of women as business owners & entrepreneurs, executives, managers & employees. We will also study socialization, the law, career planning, how families impact the workplace & differences & effects of gendered communication styles in business settings.

GSW 279  WOMEN WRITERS  3 Units
(ENG 279 & GSW 279 are the same course.) A study of women writers through a Surv. of significant poetry, drama, fiction, nonfiction, &/or film. May be taken for credit more than once if content changes. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

GSW 280  WOMEN IN AMERICAN HISTORY  3 Units
(HIS 279 & GSW 280 are the same course.) This course will focus on the struggle by women to acquire social equity & access to equal opportunity & political rights from the colonial times to the present. Students will learn about key figures in the areas of social reform, the right to vote, & fight against job discrimination while exploring the larger historical context in which these leaders operated.

GSW 291  SELECTED TOPICS  Repeatable  1-3 Units
Designed to focus in depth on a particular area of women’s studies. Specific topic to be announced in campus timetable. PREREQ: CONSENT OF INSTRUCTOR

GSW 294  INTERNSHIP IN WOMEN’S STUDIES  Repeatable  1-3 Units
An internship designed to provide students with opportunities to apply knowledge & skills learned in women’s a gender studies courses to professional situations & to gain experience working in a women’s studies-related organization (social justice organization, domestic violence & sexual assault prevention services, organization supporting & advancing social equality). The internship is intended for students with prior women’s studies coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable up to 6 credits.

GSW 295  WOMEN IN THE ARTS  3 Units
ART 290 & GSW 295 are the same course.) Women in the Arts is an interdisciplinary exploration of women as artists. The course will explore underlying ideologies that influence understandings & access to the artistic production of women & artists of color. Theories & experiences of gender, race, ethnicity, sexual orientation, age & class as they are articulated in the contemporary art world will be examined.

GSW 299  INDEPENDENT STUDY  Repeatable  1-3 Units
Extensive reading for the purpose of Surv.ing the Lit. in a particular area, possibly including a research Proj., under the personal supervision of the instructor. PREREQ: CONSENT OF INSTRUCTOR

Health Exercise Science - Rock County Courses

HES 002  BADMINTON  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 003  CURLING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 004  SOCCER  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 005  BASKETBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 006  BEGINNING BOWLING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 007  INTERMEDIATE BOWLING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 009  BEGINNING GOLF  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 010  INTERMEDIATE GOLF  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 012  RACQUETBALL AND HANDBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 014  SOFTBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 015  INTRODUCTION TO TAI CHI  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 016  BEGINNING TENNIS  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 017  INTERMEDIATE TENNIS  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 018  BEGINNING VOLLEYBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 019  WEIGHT TRAINING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 022  INTERMEDIATE VOLLEYBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment.
HES 023 KICKBOXING 1 Units
Develops skills, teaches rules & prepares students for recreational enjoyment.

HES 024 AEROBIC DANCE 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 026 BICYCLING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 027 INTRODUCTION TO FITNESS 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 028 ADVANCED FITNESS 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment.

HES 029 CORE STRENGTH TRAINING PLYOMETRICS, BEGINNING 1 Units
Basic physical education course open to all students. This course develops skills, teaches rules, & prepares students for recreational enjoyment.

HES 030 CORE STRENGTH TRAINING PLYOMETRICS, INTERMEDIATE 1 Units
This course develops skills, teaches rules & prepares students for recreational enjoyment.
PREREQ: HES 029 OR CONSENT OF INSTRUCTOR

HES 031 BALLROOM DANCE 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 032 BEGINNING FENCING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 033 INTERMEDIATE FENCING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment. Beginning level courses or consent of instructor required for enrollment in all Int. & Advanced level courses.

HES 037 MARTIAL ARTS 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 041 BEGINNING DOWNHILL SKIING/SNOWBOARD 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 042 INTERMEDIATE DOWNHILL SKIING/SNOWBOARD 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment.

HES 043 CROSS COUNTRY SKIING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 045 YOGA-RELAXATION 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 047 INTERMEDIATE YOGA 1 Units
Basic Physical Activity Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.
PREREQ: HES 046 OR CONSENT OF INSTRUCTOR

HES 050 OUTDOOR PURSUITS 1 Units
These courses develop skills, teach rules & prepares students for recreational enjoyment.

HES 055 BEGINNING SWIMMING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 056 INTERMEDIATE SWIMMING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment.

HES 058 LIFE GAURD TRAINING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 061 SCUBA DIVING 1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 062 INTERMEDIATE TAI CHI 1 Units
PREREQ: HES 015 OR CONSENT OF INSTRUCTOR

HES 070 RACQUET SPORTS 1 Units
This course develops skills, teaches rules, & prepares students for recreational enjoyment of the games of badminton, tennis & pickleball.

HES 080 TEAM SPORTS 1 Units
This course develops skills, teaches rules, & prepares students for recreational enjoyment of the games of volleyball, basketball, & team h&ball.

HES 123 CPR 1 Units
Examines the causes & prevention of cardiovascular disease & related illnesses. Recognition of cardiovascular emergencies & first aid procedures for adults, children & infants are fully explored. Proficiency in checking victims, clearing obstructed airways, rescue breathing, CPR & AED will be tested through skill practice. American Red Cross or American Heart Association certification will be earned.

HES 124 ALCHOOL AND OTHER DRUGS: AWARENESS, ALTERNATIVES 1 Units
Content includes an overview of different classes & types of psychotropic drugs (including alcohol, prescription drugs & illegal drugs) & the risks associated with abuse of these substances. The impact of substance use/abuse on physical & emotional health, relationships, & productivity will also be discussed.

HES 127 FITNESS FOR LIFE 3 Units
A contemporary examination of the effects of lifestyle, wellness, & health promotion on the individual. Instruction in procedures for self evaluation as well as individualization of exercise prescription for the development of fitness. Participation in a planned program of aerobic activity is required.

HES 131 OFFICIATING VOLLEYBALL 1 Units
Officiating courses present a theoretical & practical approach to officiating athletic contests at various levels of competition. The mechanics of officiating, knowledge, interpretation of rules, & field experience are integral parts of the courses.

HES 132 OFFICIATING BASKETBALL 1 Units
Officiating courses present a theoretical & practical approach to officiating athletic contests at various levels of competition. The mechanics of officiating, knowledge, interpretation of rules, & field experience are integral parts of the courses.
HES 150 INTRODUCTION TO PATIENT CARE  3 Units
Intro to patient care teaches principles & procedures in emergency, home, hospital, & nursing home medical care & is designed to prepare the student for emergencies likely to be encountered in daily living & while working in a hospital or nursing home facility. Upon successful completion, the student will be eligible to sit for the State of Wisconsin Nursing Assistant Competency Examination (Condition: 305431 Nursing Assistant Admission Requirements Met).

HES 190 INTERCOLLEGIATE ATHLETICS-GOLF Repeatable 1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem is required. Note: A student may take only one intercollegiate activity course per Sem.
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 191 INTERCOLLEGIATE ATHLETICS-SOCCER 1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills & behaviors related to game strategies, sportsmanship, leadership, & team-building. Active membership on the intercollegiate team through the end of the season/Sem. is required. Note: A student may take only one intercollegiate activity course per Sem.

HES 192 INTERCOLLEGIATE ATHLETICS-VOLLEYBALL  1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem. is required.
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 193 INTERCOLLEGIATE ATHLETICS-BASKETBALL  1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem. is required.
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 194 INTERCOLLEGIATE ATHLETICS-TENNIS  1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem. is required.
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 204 PRINCIPLES AND INTRODUCTION TO PHYSICAL EDUCATION 2 Units
An overview of health education, physical education, intramurals, athletics & recreation; specialized areas in the various fields & the vocational opportunities offered in each; personal & professional qualifications of a physical educator with emphasis on establishing the role of physical education in society.

HES 205 ATHLETIC INJURIES  2-3 Units
Procedures & techniques in the prevention & care of common athletic injuries. Common topics include assessment, rehabilitation, & the relationship of an athletic trainer to athletes, coaches, & administrators. Practical procedures to be completed during regular class time. A third credit may be earned if the student enrolls in & completes the additional field work/service learning portion of the course.

HES 206 PERSONAL HEALTH AND WELLNESS  3 Units
In depth examination of the various aspects of health & wellness. Students will Surv. various aspects of health & wellness which affect both the individual & the community. Topics will look at personal health & wellness throughout the lifespan. Topics include foundations of personal health & wellness, psychological health, stress, Nut., physical activity, weight Mgmt., drug use & abuse, healthy relationships, sexuality, infectious disease, & chronic disease.

HES 208 DEVELOPMENTAL ACTIVITIES FOR CHILDREN  2 Units
This course will provide a thorough examination of the theory, organization, & teaching of Physical Education to elementary school children. The development of curriculum, including written lesson & unit plans, & peer teaching assignments are requirements of this course. Students may receive credit in either HES 208 or HES 211, not both courses.

HES 209 NUTRITION AND WEIGHT MANAGEMENT  3 Units
This course will examine the basic principles of Nut., digestion, & metabolism & the effects of these principles on one's diet, weight, fitness level, & overall health. The functions, requirements, & applications of nutrients & Nut.al needs throughout the life cycle will be studied. The course will also include the basic knowledge & application of nutrient recommendations, dietary guidelines, & interrelationships of foods. It will also examine the issues of alternative Nut., food safety, & eating disorders. The course will include personal diet assessment & development of personal health goals.

HES 210 THEORY OF COACHING  3 Units
Theory & methodology of coaching both team & individual sports. Coaching psychology, Phil., & administrative responsibilities (skill assessment, practice/game organization, rules, fundamentals, & play of various sports) will be explored through lecture, lab, & field experience. Possible sports may include, but are not limited to: tennis, golf, wrestling, swimming, basketball, volleyball, soccer, & football.

HES 211 PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS  3 Units
This course will provide a thorough examination of the theory, organization, & instruction of elementary school Physical Education. Course requirements include the development of curriculum, including lesson & unit plans, & peer teaching assignments. Completion of 15 hours field experience involving the observation of local elementary school Physical Education classes is also required. Students may receive credit in either HES 208 or HES 211, not both courses.

HES 213 FIRST AID AND EMERGENCY CARE  3 Units
Examines the causes, prevention & care of first aid emergencies. Topics include recognizing & responding to emergencies, checking victims, breathing & cardiac emergencies, severe bleeding, shock, injuries, medical emergencies, special situations & healthy lifestyles. Proficiency in checking victims & caring for severe bleeding & extremity injuries will be tested through skill practice. Skills in testing & clearing obstructed airways, CPR, & AED completed for the adult only. American Red Cross or American Heart Association certification can be earned.
HES 217 SOCIAL ASPECTS OF SPORT 3 Units
A course focusing on sport institutions as social organizations & how they function within a culture or society. Emphasis is placed on group structure & membership, as well as group pressure, socialization, stratification, & deviance as they apply to the sport's setting. Significant emphasis is placed on the role of minorities in sports. Selected topics include sport & educational institutions, socialization, children, deviance, violence & aggression, gender & equity, race & ethnicity, social class, social mobility & stratification, economy, politics, religion, & the media.

HES 218 WOMEN AND SPORT 3 Units
(HES 218 & GSW 218 are the same course.) A course focusing on the social dimensions & the historical & cultural foundations of women & sport in our society. Emphasis will be placed on exploring the changing roles & opportunities in sports for women, as well as how past & current beliefs regarding gender, sexuality, & race & ethnicity shape the experiences of women in sports in our society. Selected topics include: the history of physical education, activity & fitness for women in the U.S., barriers/structural constraints facing women in sports, race & ethnicity, women's health issues, sexuality & homophobia, the role of journalism & the media, career opportunities for women, & the future of sports for women in our society.

HES 219 INTRODUCTION TO SPORTS/FITNESS MANAGEMENT 3 Units
(BUS 219 & HES 219 are the same course.) This course will provide an Intro to the sport & fitness Mgmt. industry. Emphasis will be placed on basic Mgmt. principles, marketing, public relations, finance, Eco., organizational theory, & career opportunities as they apply to the field of sports & fitness Mgmt..

HES 220 WATER SAFETY INSTRUCTOR 2 Units
of program materials, planning & conducting effective courses, evaluation of student progress & preparation & submission of accurate reports & records are included in the course. Students successfully completing the course will be ARC certified.

HES 224 DRUGS, BEHAVIOR AND SOCIETY 3 Units
The course will explore alcohol & other drug use/abuse & its impact on human behavior & society. Info will be presented in a variety of contexts including pharmacological, behavioral historical, social, legal & clinical.

HES 225 ADVANCED CONCEPTS OF PERSONAL TRAINING 3 Units
This course is designed to prepare & qualify students to work as a certified personal trainer. The course bridges the gap between exercise Sci. related course work & practical skills of personal training. This professional development course prepares students for successful attainment of the National Council of Strength & Fitness Certified Personal Trainer (CPT) credential. Course content includes biomechanics, Nut., components of fitness & fitness assessments, & functional training concepts.

HES 226 LEADERSHIP IN ADVENTURE EDUCATION & OUTDOOR PURSUITS 3 Units
This course is designed to prepare future professionals in the health, physical education, wellness, & recreation fields for facilitating an effective adventure educational Env. & for leading groups on outdoor excursions. Students will learn advanced concepts of various outdoor pursuits, safety & risk Mgmt. considerations, & large group facilitation & dynamics.

HES 291 SPECIAL TOPICS IN PHYSICAL EDUCATION 1-3 Units
Course content must be approved by the local campus & the department chair.

HES 299 INDEPENDENT STUDY IN PHYSICAL EDUCATION Repeatable 1-3 Units
Program must be approved by the department chair.

HES 330 EXERCISE PHYSIOLOGY 4 Units
The primary emphasis of this course is to present Info on normal human physiological function & how it is altered & restored in response to exercise. This includes neuromuscular, metabolic, cardiovascular, hormonal, & respiratory systems. Students will be participating within the Lab with emphasis on practical application of measuring the body's response & recovery to exercise.
PREREQ: HES 127 AND EITHER BIO 101 OR BIO 171

History - Rock County Courses

HIS 100 FIRST YEAR SEMINAR IN HISTORY:SELECTED TOPICS 3 Units
In this seminar style course designed for first Sem. freshmen, students will learn about a historical topic in depth & from different angles while also focusing on critical thinking, analysis of various types of sources, historical interpretation, & debates among historians. Students will also be introduced to college level expectations & study habits.

HIS 101 HISTORY OF THE UNITED STATES: FROM THE ERA OF THE COLUMBIAN EXCHANGE TO THE ERA OF THE CIVIL WAR 3 Units
A Surv. of American political, economic, social, & intellectual history from the Age of European Exploration & the period of colonization to the era of the American Civil War. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics, &/or Asian Americans into US history in a manner that fosters understanding & appreciation of the perspectives & experiences of at least two of these groups as well as their contributions to, & interactions within, American society.

HIS 102 HISTORY OF THE UNITED STATES: FROM THE ERA OF THE CIVIL WAR TO THE PRESENT 3 Units
A Surv. of American political, economic, social, & intellectual history from the era of the Civil War to the Present. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics, &/or Asian Americans into US history in a manner that fosters understanding & appreciation of the perspectives & experiences of at least two of these groups as well as their contributions to, & interactions within, American society.

HIS 105 HISTORY OF WESTERN CIVILIZATION FROM ANCIENT TIMES TO THE ERA 3 Units
Surv. of West Civilization from ancient times through the Renaissance, emphasizing the distinctive features of West culture, political development, economic development, & the contributions made by non-West people.

HIS 106 HISTORY OF WESTERN CIVILIZATION FROM THE ERA OF THE RENAISSANCE 3 Units
Surv. of West Civilization from the Renaissance to contemporary times, emphasizing the further development of West culture, political institutions, & economic institutions, including reference to the interaction among the peoples of the modern world.

HIS 111 ANCIENT NEAR EAST AND GREECE 3 Units
Survey of the history of civilization from ancient Mesopotamia and Egypt through Classical Greece with emphasis on institutional and social development.

HIS 112 THE ROMAN REPUBLIC AND THE MEDITERRANEAN WORLD 3 Units
Survey of the history of civilization from Alexander the Great through the fall of the Roman Empire with emphasis on institutional and social development.
HIS 119  THE MAKING OF MODERN EUROPE  3 Units
An Intro to the principal developments in the history of Europe from the Renaissance to the fall of Napoleon

HIS 120  EUROPE AND THE MODERN WORLD, 1815 TO THE PRESENT  3 Units
A general Surv. of the political, economic, social, & cultural history of modern West civilization

HIS 127  THE WORLD IN THE TWENTIETH CENTURY  3 Units
Surv. of the major trends in Europe, Asia, Africa, & the Americas since 1900; the two world wars; the social & political revolutions of our time; Fascism & Communism; & the new states of Africa & Asia.

HIS 161  WORLD HISTORY TO 1500  3 Units
A topical approach to the history of premodern humankind. Special attention will be given to the emergence, development, & interaction of civilizations in Asia, Africa, Europe, & the Americas

HIS 162  WORLD HISTORY SINCE 1500  3 Units
A topical history of global humankind with emphasis on the rise of the West to world dominance & the various ways in which the peoples of Africa, Asia, & Latin America have responded to the West challenge.

HIS 204  INTRODUCTION TO PUBLIC HISTORY  3 Units
An Intro to the field of public history with topics for classroom discussion including the concept of public memory, historic preservation theory & practice, creation of museum exhibits, & career opportunities in the field of history outside of education. Students will apply knowledge gained from the course to evaluate historic exhibits & gain field work by undertaking their own exhibit, archival or preservation Proj.

HIS 208  THE FILM AS SOCIAL HISTORY  3 Units
This course will focus on the feature & documentary films produced in a particular historical period or on a specific historical topic. Through viewing selected films, the student will gain a deeper underst&ing of the motion picture’s significance as an historical document, as well as its function as a propaganda device. The course will relate the thematic content of the selected films to the specific historical context in which they were produced & consumed.

HIS 210  WORKERS, PROTEST AND SOCIAL CHANGE IN US HISTORY  3 Units
Examines changes in work methods, culture and experiences of working people in US history from colonial days through the present. Includes labor in colonial America, slavery, industrialization, union development and struggles, workers in the World Wars, post war technological and workplace changes. Integrates the experiences, perspectives and contributions of African Americans, Native Americans, and Hispanics into US labor history.

HIS 211  HISTORY OF THE AMERICAN FRONTIER  3 Units
A history of the American frontier emphasizing the influence & role of the frontier in the development of American society from the colonial period to the present, focusing on the creation of & disputes over what became the Trans-Mississippi West. As an Ethnic Studies (ES) course, this course examines the frontier as a borderland where African Americans, Native Americans, Hispanics, Asian Americans & Euro-Americans met & interacted. It will foster an underst&ing & appreciation of the perspectives of each group.

HIS 213  RECENT LATIN AMERICA  3 Units
Recent development of Hispanic & Portuguese America, emphasizing the evolution of Indp. states

HIS 214  MODERN REVOLUTIONS  3 Units
An Intro to the study of history through the examination of revolutionary eras. Case studies may include but are not limited to the following options: the American, French, Russian, Chinese, Cuban, & Iranian revolutions, & the Revolutions of 1848 & 1899.

HIS 215  MEDIEVAL EUROPE  3 Units
General Intro to the history of Europe, from the later Roman Empire to the end of the Middle Ages

HIS 216  MODERN GERMANY 1815 - PRESENT  3 Units
Political, social, economic, & cultural development from the end of the Napoleonic wars, through the founding of the German Empire, World War I, the Weimar Republic, the Nazi era, World War II, & the postwar period. Emphasis is on evolution of conservatism, liberalism, socialism, & nationalism; the rise of Hitler & National Socialism; & the re-orientation of Germany after 1945

HIS 218  THE UNITED STATES AND VIETNAM  3 Units
An investigation of the war in Southeast Asia, 1945-1975, focusing on these topics: Southeast Asian historical context, French colonialism, Southeast Asian cultural & political contexts, Vietnamese nationalism, the role of the Cold War, American involvement, the debate on American policy, experiences of US soldiers & South East Asian participants, American withdrawal, conclusion of the fighting, & long-term effects in the U.S., in South East Asia & globally

HIS 219  HISTORY OF MODERN RUSSIA  3 Units
A consideration of the major themes & personalities of Russian history since 1917.

HIS 221  THE FIRST WORLD WAR  3 Units
This course examines the causes, course & consequences of the First World War. Major topics include: the origins of the war, the reasons for the failure of early military plans & the onset of trench warfare; the dawn of total war; the reasons for the eventual Allied victory; the peace negotiations & consequences of the war in not only Europe but in the Middle East, Africa, & Asia as well.

HIS 222  RECENT CHINESE HISTORY  3 Units
This course examines major events, personalities, & trends in twentieth-century China. Among the topics examined are the end of the Qing dynasty, the 1911 revolution, the Japanese occupation, the civil war, the Great Leap Forward, the Cultural Revolution, post-Mao China, & economic, Env'l, political, & demographic challenges facing contemporary China.

HIS 223  ENGLISH HISTORY: ENGLAND TO 1688  3 Units
General Surv. of the political, economic, social, & cultural history of Engl& from earliest historic times.

HIS 224  BRITISH HISTORY: 1688 TO PRESENT  3 Units
General Surv. of the political, economic, social, & cultural history of Great Britain

HIS 226  TWENTIETH CENTURY EUROPE  3 Units
Study of the major political, social, & cultural developments of Europe since 1900

HIS 240  PRIMARY SOURCES IN HISTORY  3 Units
The study of specific historical topics through the use of primary sources. Includes exposure to techniques & problems of using & interpreting original sources.

HIS 291  HISTORY OF THE FAMILY  3 Units
The pre-industrial family; the effect of industrialism, childrearing, courtship, adolescence, domestic life, old age, death, & dying. Emphasis on American &/or European experience.
HIS 253  HISTORY OF PARIS  3 Units
This course will focus on the history of Paris from 1700 to the present. Drawing upon a variety of historical, literary & artistic sources, the history of French civilization will be explored, with special emphasis on politics, eco., social & artistic movements.

HIS 254  AMERICAN FOREIGN RELATIONS, 1763 TO THE PRESENT  3 Units
America’s interactions with the world, emphasizing the global & domestic economic, political & ideological elements influencing policy.

HIS 255  PROSEMINAR IN HISTORY  3 Units
This course will explore a historical topic through readings, discussion, & written assignments.

HIS 256  TOPICS IN HISTORY  1 Units
This course will explore in depth an historical topic through lectures, discussions, readings, & written assignments.

HIS 257  ORIGINS AND HISTORY OF WORLD WAR II  3 Units
Background & history of World War I. Problems of peacemaking & international organization, rise of Fascism, National Socialism, & Japanese imperialism; breaking the peace; World War II.

HIS 258  THE HOLOCAUST: POLITICS OF PEACE, NATIONALISM, AND WAR  3 Units
This class presents students with the historical background & current scholarly debate about the best documented genocide in recent history. A combination of race based thinking, radical nationalism & brutality occasioned by war opened the door for the Nazi Party to lead Germans & other Europeans in a systematic campaign to eliminate the Jews. Students will explore a variety of sources produced during & after the period, including films, posters & lit. Raised will be questions about the limits of obedience to authority, what constitutes race or ethnic differences, & ultimately whether or not guilt for related crimes can ever be forgiven.

HIS 260  THE RISE AND FALL OF NAZI GERMANY 1919-1949  3 Units
This class will begin with the emergence of radical nationalism in Germany after its defeat in WW I along with the failures of parliamentary democracy in the Weimar republic. The course will focus on the political & cultural fears that enabled Hitler’s rise to power, the economic & racial policies pursued by the government during its first six years in power, & then the provocation of world war. Additionally, the class will deal with post-war defeat, & in the division of Germany into separate nations.

HIS 261  CRIME AND PUNISHMENT IN EUROPE AND AMERICA SINCE 1500  3 Units
The history of crime & punishment in Europe & America since 1500. Emphasis on social context of the legislative creation of new crimes, the origin of prisons, changes in the types of crime committed as urbanization & industrialization advance, the evolution of the criminal justice systems in Europe & America, & the comparison & interpretation of differential crime rates in Europe & America.

HIS 262  SOURCES OF RACIST THINKING IN WESTERN CIVILIZATION AND ITS IMPACTS ON THE WORLD OF THE AMERICAS  3 Units
Starting with Columbus, explores the myths & ideas establishing racist thinking in the societies Europeans set up in the Americas & the U.S. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, & Asian Americans into US history in a manner that fosters underst&ing & appreciation of the perspectives & experiences of these groups & their interactions within American society.

HIS 270  AMERICAN BUSINESS HISTORY  3 Units
The role of business in American society from colonial times to the present. Changes in managerial practices within the firm & in relation to the larger community. Origins of American capitalism, appearance of corporate organization, work patterns, changing business ethics & their legal Env., government regulation, & international trade.

HIS 271  HISTORY OF SCIENCE AND TECHNOLOGY  3 Units
This course Surv.s American &/or West scientific thought from its origins to the present. It also focuses on how scientific thought becomes translated to everyday life through technology. It also examines how Sci. & technology affects government, Eco., & culture. Emphasis on American &/or West Sci. & technology.

HIS 272  HISTORY AND CULTURE OF THE SCIENCES  3 Units
This course will examine, in a historical context, how Sci. has been constructed & how it has interacted with other aspects of society, such as politics, religion, culture, & Eco.. These themes will be addressed by closely studying two transformations in scientific & human thought: first, the shift from an Earth-centered to a sun-centered Univ., & second, the development of the theory of Evolution by natural selection. Finally, we will briefly consider the emergence of new major scientific & cultural transitions which are now occurring.

HIS 273  HISTORY OF RELIGION IN THE UNITED STATES  3 Units
This course examines the history of religion in the U.S. from the colonial era to the present, with special emphasis on how religious freedom & a diversity of religious beliefs have affected American society. The course will include discussions of various Christian denominations & sects, non-Christian religions (e.g., Judaism & Islam), Native American religions, & slave religion.

HIS 275  THE MODERN MIDDLE EAST  3 Units
This course will familiarize students with the major contours of Middle Eastern history from the times of Muhammad, during the seventh century C.E., to the present, with special emphasis on the twentieth century. We will treat issues of politics, Eco., diplomacy, war, & social, cultural, & intellectual change & continuity, placing particular importance on developing an underst&ing of nationalism & Islam in the modern Middle East.

HIS 277  INDIANS IN AMERICAN HISTORY  3 Units
This course Surv.s U.S. history with emphasis on contact in the age of exploration, interactions over time between Europeans & Native Americans, & adaptations & conflicts that emerged. The course will approach this from social, political, & economic perspectives from the colonial period to the present. This Ethnic Studies (ES) course focuses on underst&ing the perspectives of Native Americans.

HIS 278  HISTORY OF MINORITIES IN AMERICA  3 Units
This course will explore the role of racial minorities including African Americans, Native Americans, Hispanics, & Asian Americans. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of these groups into US history in a manner that fosters underst&ing & appreciation of their perspectives & experiences as well as their contributions to, & interactions within, American society. Many instructors also explore the experiences of ethnic, religious, & sexual minorities, or other traditionally underrepresented group.

HIS 279  WOMEN IN AMERICAN HISTORY  3 Units
(HIS 279 & GSW 280 are the same course.) This course will focus on the struggle by women to acquire social equity & access to equal opportunity & political rights from the colonial times to the present. Students will learn about key figures in the areas of social reform, the right to vote, & fight against job discrimination while exploring the larger historical context in which these leaders operated.
HIS 280  HISTORY OF THE GREAT LAKES REGION, 1600-1870  3 Units
This course traces the development of the Great Lakes Region as a distinct physiographic, economic, political, & cultural area in North America. The historical development of such an international region within the context of traditional nationalism & international rivalry, as well as its impact & influence with in the respective nations. A frame of reference is provided for comparison with other regions with in the North American milieu.

HIS 283  WAR AND AMERICAN SOCIETY  3 Units
An investigation of the impact of wars on American society. Wars from the earliest European settlement through the wars of the early 21st century may be included. The home front will be emphasized, with attention to wartime politics & economy, civil liberties, the experience of non-combatants, & the larger social effects of war.

HIS 285  RECENT AMERICAN HISTORY, 1917-1945  3 Units
Political, social, economic, & cultural changes in America during World War I, the Twenties, the Great Depression, & World War II.

HIS 286  RECENT AMERICAN HISTORY, 1945-PRESENT  3 Units
Exploration of important developments in American political, economic, social, cultural & intellectual history from 1945 to the present

HIS 288  REPRESENTATIVE AMERICANS  3 Units
A biographical approach; evaluation of contributions of leading Americans to the nation's development.

HIS 289  COLONIAL AND REVOLUTIONARY AMERICA, 1607-1789  3 Units
The establishment & political, social, & economic development of the English colonies in North America; origins & consequences of the American Revolution; & the establishment of the new nation.

HIS 290  HISTORY OF WISCONSIN  3 Units
History of Wisconsin from the beginning of the historical period to the present, with emphasis on the economic & social aspects of Wisconsin history since 1815.

HIS 294  INTERNSHIP IN PUBLIC HISTORY  Repeatable  1-3 Units
An individually arranged internship in an area museum, historic site, public agency, preservation Proj., or other cultural organizations for students to gain practical experience as public historians. The internship is intended for advanced students with prior history coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of 6 credits.
PREREQ: HES 204 OR CONS. INSTR

HIS 297  THE UNITED STATES, 1917 TO THE PRESENT  3 Units
Political, social, economic, & cultural changes in America from 1917 to the Present

HIS 298  CIVIL WAR AND RECONSTRUCTION  3 Units
Analysis of slavery in the Old South, the anti-slavery movement, the conflict between the North & South (sectionalism), the significance of the Civil War, presidential & congressional reconstruction, the position of the freedmen in the South & postwar America.

HIS 299  INDEPENDENT STUDIES  1-3 Units
Extensive reading for the purpose of Surv.ing the Lit. on a particular historical subject, possibly including a research Proj., under the personal supervision of the instructor. The subject matter is open, to be determined by the student & instructor. Students will be encouraged to use off-campus resources when available.
PREREQ: CONSENT OF INSTRUCTOR

HIS 304  (U)INTRODUCTION TO PUBLIC HISTORY  3 Units
An Intro to the field of public history with topics for classroom discussion including the concept of public memory, historic preservation theory & practice, creation of museum exhibits, & career opportunities in the field of history outside of education. Students will apply knowledge gained from the course to evaluate historic exhibits & gain field work by undertaking their own exhibit, archival or preservation Proj.
PREREQ: PREVIOUS HIS COURSE AND JUNIOR STANDING OR CONSENT OF INSTRUCTOR

HIS 318  THE US AND VIETNAM WARS  3 Units
An investigation of the wars in Southeast Asia, 1945-1975, focusing on these topics: Traditional Vietnamese culture and society, French colonialism, Vietnamese nationalism, American involvement in Vietnam and Indochina, the escalation of the American role, the debate on American policy, American withdrawal, conclusion of the fighting, and long-term effects.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

HIS 391  THE HISTORY OF THE AMERICAN MIDWEST SINCE 1600  3 Units
This course examines the history of the American Midwest, focusing on the region's role in international politics and economics and how the region has been affected by the global changes since 1600. Topics of discussion include the fur trade; competing British, French, and Native empires; Anglo-American migration and displacement of Native Nations; agricultural development; industrialization and urbanization; immigration; economic and social changes in the 20th century; and recent conflicts over globalization.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR; AND PREVIOUS HISTORY COURSE

Interdisciplinary Studies - Rock County Courses

INT 290  PUERTO RICO IN THE 20TH CENTURY: HISTORY AND LITERATURE  Repeatable  1-5 Units
The first part to this course is an eight-week study via D2L where students will read, discuss & write essays regarding the American colonization of Puerto Rico after 1898. Puerto Rico has a rich history based in multi-racial, Hispanic speaking population. By exploring the history & Lit. of this locale, students can obtain a better understanding about the response of a people who struggle to retain an older, traditional identity while being forcibly incorporated into a different culture. The second part of the course is a ten-day trip to PR after the D2L portion. Upon return, students will write responses to the visit & relate what they have seen to the literary & historical themes present in the D2L portion of the class.

Italian - Rock County Courses

ITA 103  FIRST SEMESTER ITALIAN--PART I  2 Units
For students who have had no previous training in the language. This course is the first module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in Italian. Classes may include cultural studies of Italy & other Italian-speaking countries or regions.

ITA 104  FIRST SEMESTER ITALIAN--PART II  2 Units
Continuation of ITA 103 & second module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in Italian. Classes may include cultural studies of Italy & other Italian-speaking countries or regions.
PREREQ: ITA 103 OR CONSENT OF INSTRUCTOR
LEA 101 ACADEMIC READING 3 Units
An Intro to Indp. academic reading at a college level. Emphasizes strategies for increasing comprehension, varying reading rate, & developing critical reading skills. Focuses on assignments & activities that help students achieve the learning outcomes for first-year Comp. & other difficult reading-intensive courses that require students to write about nonfiction reading.

LEA 102 LEARNING SKILLS 3 Units
A workshop or discussion course that helps students develop college-level learning skills. Campuses may offer a general academic skills class or focus a section of LEA 102 on a specific area of college learning. Emphases may include managing time, using technology for academic learning, taking notes, studying textbooks, taking tests, developing an academic vocabulary, conducting & organizing research, thinking critically, working effectively in groups, & giving presentations.

LEA 103 COLLEGE READING AND STUDY STRATEGIES 1-3 Units
A reading-intensive course that helps students develop effective strategies for reading textbooks & nonfiction texts, taking notes, studying for exams, & taking tests.

LEA 104 CAREER PLANNING AND PREPARATION 1-3 Units
This course will enable students to develop career goals & lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision making skills, academic plans, & career awareness. This personal, educational, & occupational Info will then be organized & translated into an individualized course of action. Integration of career goals with current & future college course work will be stressed.

LEA 110 TRIO WRITING STUDIO Repeatable 1 Units
A workshop or tutorial course that provides individualized & small group instruction to help students develop college-level reading & writing skills. Taken concurrently with a Comp. course or other writing-intensive class. This course is offered by a campus TRIO program. TRIO students only.

LEA 111 TRIO ACADEMIC LEARNING 1-3 Units
An Intro to Indp. academic reading at a college level. Emphasizing strategies for increasing comprehension, varying reading rate, & developing critical reading skills. Focuses on assignments & activities that help students achieve the learning outcomes for first-year Comp. & other difficult reading-intensive courses that require students to write about nonfiction reading. This course is offered by a campus TRIO program.

LEA 112 TRIO LEARNING SKILLS 1-3 Units
A workshop or discussion course that helps students develop college-level learning skills. Campuses may offer a general academic skills class or focus a section of LEA 112 on a specific area of college learning. Emphases may include managing time, using technology for academic learning, taking notes, studying textbooks, taking tests, developing an academic vocabulary, conduct & organizing research, thinking critically, working efficiently in groups & giving presentation. This course is offered through a campus TRIO program.

LEA 113 TRIO MATH TUTORIAL Repeatable 1 Units
A small-group and individualized instruction course that focuses on mathematics and strategies for succeeding in mathematics courses. This course is offered by a campus TRIO program. Consent of Instructor. TRIO students only.

LEA 114 CAREER PLANNING AND PREPARATION 1-3 Units
This course will enable students to develop career goals & lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision making skills, academic plans, & career awareness. This personal, educational, & occupational Info will then be organized & translated into an individualized course of action. Integration of career goals with current & future college course work will be stressed.

LEA 116 ENGLISH AS A SECOND LANGUAGE 1-3 Units
A program dealing with English as a second language for students whose native language is not English. The program is designed to assist foreign students in improving their skills in spoken & written English for successful academic work at the university level. This course is offered by the campus TRIO/student support services program.

LEA 120 INTERMEDIATE COMPOSITION TUTORIAL 1-3 Units
A tutorial that provides individualized instruction to help students complete the core writing requirement, develop critical reading skills, successfully complete college-level writing based on sources, & use flexible strategies for Indp.ly engaging in the writing process. Taken concurrently with a degree-credit Comp. course after the first college Sem..

PREREQ: ENG 099 COMPOSITION TUTORIAL

Lecture Forum - Rock County Courses

LEC 100 FIRST-YEAR SEMINAR 1 Units
A course that helps students make the transition to college by promoting active learning as well as student involvement & responsibility in the learning process, assisting students in the development of life Mgmt. skills, & engaging students on campus. Each LEC 100 section incorporates a specific subject of inquiry. Consult the campus course schedule for additional Info. EL TRIO students only

LEC 101 UNIVERSITY FORUM Repeatable 1 Units
A lecture-discussion course designed to Introduce students to current problems & significant issues. Open to freshmen & sophomores. May be taken three times for a maximum of three credits.

LEC 102 LIBRARY AND RESEARCH SEMINAR 1 Units
This course will explore research processes using print & electronic formats. It includes the identification & analysis of searches & sources, the proper organization & integration of Info gathered & the consideration of intellectual property issues.

LEC 104 COURSE SUPPLEMENT Repeatable 1 Units
A lecture-discussion course used to supplement & explore concepts & ideas as designated by the instructor. May be taken up to three times for a maximum of three credits.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEC 110</td>
<td>INTRODUCTION TO EXPERIENTIAL LEARNING</td>
<td>1</td>
<td>An Intro to college-level experiential learning, including prior learning, service-learning, &amp; internships. How to document experiential learning with an electronic portfolio. Open to all students. Prereq: None. (Home department: Business &amp; Eco.)</td>
</tr>
<tr>
<td>LEC 115</td>
<td>WORLD LANGUAGE SERVICE LEARNING Repeatable</td>
<td>1-2</td>
<td>To apply, practice &amp; improve learning skills &amp; cultural awareness in a real world, practical context while concurrently providing service to the local community. Course is applicable for any language. One to two credits based on hours of service &amp; classroom lecture &amp; discussion. Credits are determined by combined number of hours of classroom instruction &amp; service but must include a minimum of 8 hours of service. One credit is earned for 15 hours of classroom &amp; service Proj. Two credits are earned for 30 hours of classroom instruction &amp; service. CONSENT OF INSTRUCTOR required.</td>
</tr>
<tr>
<td>LEC 200</td>
<td>SOPHOMORE SEMINAR</td>
<td>1</td>
<td>A course designed to enhance the sophomore experience &amp; position students for success as they prepare to complete bachelor-degree studies. Topics may vary from one course to another &amp; may focus on developments in various academic fields &amp; professions, on values &amp; issues in the contemporary workplace, &amp;/or on other topics designed to assist students at this point in their undergraduate education. Course might complement internship opportunities.</td>
</tr>
<tr>
<td>LEC 250</td>
<td>DESIGNING A DYNAMIC WORLD LANGUAGE PROGRAM</td>
<td>1</td>
<td>This class provides you with the tools to design a dynamic language program for yourself, your students or your organization. It is designed for anyone who wants to learn a second language; teachers of second languages including ESL, principals &amp; other administrators who want to underst&amp; the basis for organizing an effective second language program in their schools. Managers from business &amp; non-profits may also benefit from this Info. During most of the course, objectives will be demonstrated using beginning Mandarin Chinese.</td>
</tr>
<tr>
<td>LEC 251</td>
<td>DIFFERENTIATION OF INSTRUCTION FOR LANGUAGE LEARNERS</td>
<td>1</td>
<td>Through demonstration of active, hands-on &amp; practical methods &amp; techniques, this course helps language instructors examine the characteristics of an effective differentiated classroom. You will learn how to frame instruction around mastery of the standards &amp; how to introduce differentiation of content, process &amp; products &amp; differentiating on the basis of students' readiness, interest &amp; learning profiles. Special concerns of differentiation in the world language classroom will also be discussed. This is a learning by doing course. Methods &amp; techniques will be demonstrated using beginning Mandarin Chinese.</td>
</tr>
<tr>
<td>LEC 252</td>
<td>ACTIVE LANGUAGE LEARNING</td>
<td>1</td>
<td>This learning by doing course provides practical methods &amp; activities that tap the communication modality &amp; help transform language classrooms into dynamic &amp; stimulating learning Env.s. Methods will be demonstrated using Mandarin Chinese.</td>
</tr>
<tr>
<td>LEC 253</td>
<td>DEVELOPING THEMATIC UNITS AMD LESSON PLANS FOR SECOND LANGUAGE INSTRUCTION</td>
<td>1</td>
<td>Schools &amp; organizations have different philosophies &amp; expectations for instruction. Students, meanwhile, have different needs based on their ages, learning styles, time constraints, groups, culture, ability &amp; myriad other factors. Learn how to create thematic units &amp; lesson plans that reflect the goals &amp; philosophies of your organization while meeting the unique needs of the students. We will examine best practices for structuring &amp; sequencing a lesson &amp; we will create charts that keep you focused on the goals, objectives &amp; learning outcomes.</td>
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<tr>
<td>LEC 254</td>
<td>DEVELOPING CLASSROOM MATERIALS FOR SECOND LANGUAGE INSTRUCTION</td>
<td>1</td>
<td>Every instructor has a unique style &amp; every class a different need. Learn to create the materials that match your style &amp; the needs of your students &amp; that reinforce active methods. Students will understand the different types of materials needed for the classroom &amp; how to create them. Types of materials will include games, music, booklets, texts &amp; manuals, &amp; use of technology as a teaching tool.</td>
</tr>
<tr>
<td>LEC 255</td>
<td>LEARNING IN LANGUAGE 101 OR HIGHER OR CONSENT OF INSTRUCTOR</td>
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<tr>
<td>LEC 290</td>
<td>SPECIAL TOPICS IN INTEGRATED STUDIES</td>
<td>0</td>
<td>Interdisciplinary courses involving major components &amp; faculty from more than one breadth area. Must have a departmental sponsor, approval of Senate Curriculum Committee &amp; endorsement of all departments involved.</td>
</tr>
<tr>
<td>LEC 300</td>
<td>STUDY ABROAD Repeatable</td>
<td>3-18</td>
<td>Resident study for an extended period at an approved university or other institution of higher education outside of the U.S.. Admission requirements, prerequisites, &amp; costs will vary depending on the site &amp; program of study. Complete Info is available from your UW Colleges' Student Services Office.</td>
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<td>Mathematics - Rock County Courses</td>
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<tr>
<td>MAT 081</td>
<td>TOPICS IN GEOMETRY</td>
<td>3</td>
<td>Designed for students who have not had high school geometry. Includes methods of proof, properties of simple plane figures, congruence, &amp; similarity. This course is offered through a contractual arrangement with the local WTCS institution as MAT 085. This course is offered by the campus TRIO/student support services program as MAT 087.</td>
</tr>
<tr>
<td>MAT 085</td>
<td>TOPICS IN GEOMETRY</td>
<td>3</td>
<td>Designed for students who have not had high school geometry. Includes methods of proof, properties of simple plane figures, congruence, &amp; similarity. This course is offered through a contractual arrangement with the local WTCS institution as MAT 085. This course is offered by the campus TRIO/student support services program as MAT 087.</td>
</tr>
<tr>
<td>MAT 087</td>
<td>TOPICS IN GEOMETRY</td>
<td>3</td>
<td>Designed for students who have not had high school geometry. Includes methods of proof, properties of simple plane figures, congruence, &amp; similarity. This course is offered through a contractual arrangement with the local WTCS institution as MAT 085. This course is offered by the campus TRIO/student support services program as MAT 087.</td>
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<tr>
<td>MAT 090</td>
<td>BASIC MATHEMATICS</td>
<td>3</td>
<td>Designed for students with minimum algebra background or who have been away from mathematics for several years. Subject areas to be covered include arithmetic of whole numbers, fraction &amp; decimals, ratios &amp; percents, &amp; basic algebraic concepts. Prepares the student for Elementary Algebra. This course is offered through a contractual arrangement with the local WTCS institution as MAT 092. This course is offered by the campus TRIO/student support services program as MAT 094.</td>
</tr>
</tbody>
</table>
MAT 091  ELEMENTARY ALGEBRA  4 Units
Intended for students with little or no previous algebra. Topics include the real number system & operations with real numbers & algebraic expressions, linear equations & inequalities, polynomials, factoring, & Intro to quadratic equations.

MAT 092  BASIC MATHEMATICS  2-3 Units
Designed for students with minimum algebra background or who have been away from mathematics for several years. Subject areas to be covered include arithmetic of whole numbers, fraction & decimals, ratios & percents, & basic algebraic concepts. Prepares the student for Elementary Algebra. This course is offered through a contractual arrangement with the local WTCS institution as MAT 092. This course is offered by the campus TRIO/student support services program as MAT 094.

MAT 094  BASIC MATHEMATICS  2-3 Units
Designed for students with minimum algebra background or who have been away from mathematics for several years. Subject areas to be covered include arithmetic of whole numbers, fraction & decimals, ratios & percents, & basic algebraic concepts. Prepares the student for Elementary Algebra. This course is offered through a contractual arrangement with the local WTCS institution as MAT 092. This course is offered by the campus TRIO/student support services program as MAT 094.

MAT 095  ELEMENTARY ALGEBRA  3-4 Units
Intended for students with little or no previous algebra. Topics include the real number system & operations with real numbers & algebraic expressions, linear equations & inequalities, polynomials, factoring, & Intro to quadratic equations.

MAT 097  ELEMENTARY ALGEBRA  4 Units
Intended for students with little or no previous algebra. Topics include the real number system & operations with real numbers & algebraic expressions, linear equations & inequalities, polynomials, factoring, & Intro to quadratic equations.

MAT 099  MATH TUTORIAL AND STUDY STRATEGIES  Repeatable  1 Units
MAT 099 is intended for students concurrently enrolled in any mathematics course from MAT 090 to MAT 124. These support sections will be run in a highly interactive format providing mathematics instruction and instilling study skills and strategies for succeeding in mathematics courses. The content and skills will empower students to succeed in their concurrent mathematics course.

COREQ: CONCURRENT ENROLLMENT IN ANY MAT COURSE FROM MAT 090 TO MAT 124.

MAT 103A  BEGINNING AND INTERMEDIATE ALGEBRA  1 Units
Integer, rational, real & complex numbers, polynomials, exponents & radicals, rational expressions & functions are defined. Arithmetic operations of addition, subtraction multiplication & division are extended to these algebraic objects. Equations & inequalities involving the algebraic objects are solved including polynomial equations through the quadratic formula. Applications that utilize linear & quadratic, rational & radical equations are studied as well as algebraic & graphical representation of lines & interpreting graphical representation of functions.
PREREQ: A GRADE OF C OR BETTER IN MAT 090 OR BASED ON PLACEMENT TEST SCORES

MAT 103B  BEGINNING AND INTERMEDIATE ALGEBRA  3 Units
Integer, rational, real & complex numbers, polynomials, exponents & radicals, rational expressions & functions are defined. Arithmetic operations of addition, subtraction multiplication & division are extended to these algebraic objects. Equations & inequalities involving the algebraic objects are solved including polynomial equations through the quadratic formula. Applications that utilize linear & quadratic, rational & radical equations are studied as well as algebraic & graphical representation of lines & interpreting graphical representation of functions.
PREREQ: A GRADE OF C OR BETTER IN MAT 090 OR BASED ON PLACEMENT TEST SCORES

MAT 105  INTRODUCTION TO COLLEGE ALGEBRA  4 Units
Emphasizes algebraic techniques with polynomials, fractional expressions, exponents & radicals, linear & quadratic equations, & inequalities. Intro to functions, their graphs, & analytic geometry.
PREREQ: A GRADE OF C OR BETTER IN ELEMENTARY ALGEBRA OR MAT 103A OR PLACEMENT BASED ON PLACEMENT TEST SCORE

MAT 108  QUANTITATIVE REASONING  3 Units
This course is intended to develop analytic reasoning & the ability to solve quantitative problems. Topics to be covered include construction & interpretation of graphs, functional relationships, descriptive Stat., geometry & spatial visualization, math of finance, exponential growth, & basic probability. Appropriate use of units & dimensions, estimates, mathematical notation & available technology will be emphasized throughout the course.
PREREQ: A GRADE OF C OR BETTER IN MAT 091 OR EQUIVALENT OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 109  MATH LITERACY AND ALGEBRA FOR COLLEGE STUDENTS  5 Units
Intro to numeracy, proportional reasoning, algebraic reasoning, & functions. Emphasis on developing conceptual & procedural tools that support the use of key mathematical concepts in context. Algebraic techniques with polynomials, fractional expressions, exponents & radicals, & linear & quadratic equations are also developed.
PREREQ: A GRADE OF C OR BETTER IN MAT 090 OR BASED ON PLACEMENT TEST SCORES

MAT 110  COLLEGE ALGEBRA  3 Units
Definition of function & sequence; linear & nonlinear functions & graphs including logarithmic & exponential functions; systems of linear equations & Gauss-Jordan method; theory of polynomial equations; conic sections & optional topics such as mathematical induction, matrix solution of linear systems & Cramer’s rule.
PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 113  TRIGONOMETRY  2 Units
Trigonometric functions, their basic properties & graphs, identities, inverse trigonometric functions, solving trigonometric equations, solutions of triangles.
PREREQ: A GRADE OF C OR BETTER IN MAT 110, OR CONCURRENT REGISTRATION IN MAT 110, OR PLACEMENT BASED ON PLACEMENT TEST SCORES
MAT 117 ELEMENTARY STATISTICS 3 Units
The primary aim of the course is a basic understanding and use of statistical concepts and methods to facilitate study and research in other disciplines. Includes measures of central tendency, measures of variability, grouped data, the normal distribution, central limit theorem, hypothesis testing, estimation, T-distribution & chi square test.
PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR MAT 108 OR EQUIVALENT

MAT 124 PRE-CALCULUS MATHEMATICS 5 Units
Functions & graphs, including linear, polynomial, logarithmic & exponential functions: complex numbers & theory of equations; binomial theorem; mathematical induction; trigonometric functions, their basic properties & graphs; identities; inverse trigonometric functions; solving trigonometric equations; de Moivre's theorem. Students may not earn more than five credits of any combination of MAT 110, MAT 113 & MAT 124.
PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 130 MATHEMATICS FOR ELEMENTARY TEACHERS 4 Units
A mathematics content course for prospective elementary teachers. Emphasis is on development of properties of arithmetic. Topics also may include elementary concepts of algebra, probability, & Stat.. Four hours lecture or three hours lecture & two hours Lab per week.
PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR MAT 108 OR EQUIVALENT

MAT 132 GEOMETRY FOR ELEMENTARY TEACHERS 4 Units
The course emphasizes geometric concepts. Topics also may include concepts of algebra, probability, & Stat.. Four hours lecture or three hours lecture & two hours Lab per week.
PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR MAT 108 OR EQUIVALENT

MAT 140 SURVEY OF MATHEMATICS 3 Units
A course emphasizing the nature of mathematics, an appreciation of mathematical concepts & reasoning, & the development of mathematical systems. It is not intended as preparation for other mathematics courses.

MAT 210 TOPICS IN FINITE MATHEMATICS 3 Units
Matrices, linear programming & applications, probability, Markov chains, & mathematics of finance.
PREREQ: A GRADE OF C OR BETTER IN MAT 124 OR MAT 211 OR EQUIVALENT AND CONSENT OF INSTRUCTOR

MAT 211 CALCULUS 5 Units
Primarily for students in business, the social Sci.s, & biological Sci.s who wish to acquire some knowledge of the techniques & applications of calculus. Topics include concepts, techniques, & applications of differential & integral calculus including multivariate calculus. Students who are preparing to major in mathematics, engineering, or physical Sci.s should enroll in the MAT 211-MAT 221 sequence. Students may not earn more than six credits by taking both MAT 211 & MAT 221.
PREREQ: A GRADE OF C OR BETTER IN MAT 110 OR MAT 124 OR EQUIVALENT OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 221 CALCULUS AND ANALYTICAL GEOMETRY I 5 Units
Analytic geometry, functions, limits & continuity, the derivative, integrals, techniques & applications of differentiation, applications of integration, logarithmic & exponential functions, & trigonometric functions. Students may not earn more than six credits by taking both MAT 211 & MAT 221.
PREREQ: A GRADE OF C OR BETTER IN MAT 124 OR (MAT 110 AND MAT 113) OR EQUIVALENT, OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 222 CALCULUS AND ANALYTICAL GEOMETRY II 5 Units
Continuation of 221. Techniques of integration, polar coordinates, conic sections, infinite series, & vectors of two & three dimensions. Note: the order of topics covered in MAT 221 & MAT 222 may depend on the text used & the instructor.
PREREQ: A GRADE OF C OR BETTER IN MAT 222, OR PLACEMENT BASED ON THE DEPARTMENT CALCULUS PROFICIENCY TEST OR AP EXAM

MAT 223 CALCULUS AND ANALYTICAL GEOMETRY III 5 Units
Continuation of MAT 222. Analytic geometry of three dimensions, functions of several variables, partial differentiation, multiple integration, & Intro to differential equations.
PREREQ: A GRADE OF C OR BETTER IN MAT 223 OR EQUIVALENT

MAT 224 LINEAR MATHEMATICS 4 Units
PREREQ: A GRADE OF C OR BETTER IN MAT 223 OR EQUIVALENT

MAT 230 DISCRETE MATHEMATICS 3 Units
An Intro to discrete mathematics with emphasis on topics applicable to computer Sci.. Topics include symbolic logic, sets & relations, induction & recursion, counting techniques, algorithm analysis, graphs & digraphs, & Boolean algebra.
PREREQ: A GRADED OF C OR BETTER IN MAT 124 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

MAT 234 CALCULUS OF SEVERAL VARIABLES 4 Units
Continuation of MAT 222. Analytic geometry of three dimensions, functions of several variables, & multiple integration. This course is equivalent to MAT 223 without differential equations. Students may not receive credit for both MAT 223 & MAT 234.

MAT 240 STATISTICAL ANALYSIS 3 Units
Elements of probability theory; collection & presentation of sample data; basic problems of statistical inference; applications, including quality control; regression; & hypothesis testing.
PREREQ: A GRADE OF C OR BETTER IN MAT 211 OR MAT 221 OR EQUIVALENT

MAT 262 LINEAR ALGEBRA 3 Units
PREREQ: A GRADE OF C OR BETTER IN MAT 223 OR EQUIVALENT

MAT 271 ORDINARY DIFFERENTIAL EQUATIONS 3 Units
Ordinary differential equations of the first & second order; series solutions, higher order linear equations, the Wronskian, Laplace transform & applications, numerical methods & boundary value problems.

MAT 290 SPECIAL TOPICS IN MATHEMATICS Repeatable 1-3 Units
A course focusing on a selected topic or set of topics selected by the instructor to meet special needs & interests of students.
PREREQ: A GRADE OF C OR BETTER IN MAT 124 OR MAT 211 OR EQUIVALENT AND CONSENT OF INSTRUCTOR
MAT 294  INTERNSHIP IN MATHEMATICS  Repeatable  1-3 Units
An individually arranged internship in an area field site, public agency, 
community organization, or industry to gain practical experience in 
a Mathematics discipline. Students will work under the supervision 
of a faculty member & will receive credit based on hours employed & 
completion of a final report summarizing their experiences. The class 
give students the opportunity to learn the interrelationships between 
Mathematics & applications in business or the community. Repeatable 
for a maximum of six credits.

MAT 299  INDEPENDENT READING IN MATHEMATICS  Repeatable  1-3 
Units
Prereq: Sophomore st&ing & cons. instr
PREREQ: SOPHOMORE STATUS OR CONSENT OF INSTRUCTOR

Meteorology - Rock County Courses
MLG 100  INTRODUCTION TO METEOROLOGY  3 Units
The study of the conditions & the processes of the atmosphere that 
constitute weather. This includes both description & explanation of 
various atmospheric processes. Topics include: solar energy budget, 
heating of the atmosphere, temperature, air pressure, winds, atmospheric 
motion, precipitation, air masses, fronts, mid-latitude cyclones, 
thunderstorms, tornadoes, hurricanes, analysis of weather maps & 
forecasting.

MLG 110  GLOBAL CLIMATE STUDIES  4 Units
The study of the conditions & the processes of the atmosphere that 
constitute climate. This includes both description & explanation of 
various global & regional climate processes. Topics include: Observing 
the Earth's climate, Earth's energy budget, Air/Sea Interactions, 
Paleoclimate, Circulations, Natural & Anthropogenic causes of 
Climate Change, Climate Classification & the climate future.

Applied Music - Rock County Courses
MUA 005  INTERMEDIATE PIANO  1-2 Units
MUA 006  INTERMEDIATE PIANO  1-2 Units
MUA 007  BEGINNING VOICE  1-2 Units
MUA 008  BEGINNING VOICE  1-2 Units
MUA 009  INTERMEDIATE VOICE  2 Units
MUA 010  INTERMEDIATE VOICE  1-2 Units
MUA 011  BEGINNING GUITAR  1-2 Units
MUA 012  BEGINNING GUITAR  1-2 Units
MUA 013  INTERMEDIATE GUITAR  1-2 Units
MUA 014  INTERMEDIATE GUITAR  1-2 Units
MUA 015  BEGINNING FLUTE  1-2 Units
MUA 016  INTERMEDIATE FLUTE  1-2 Units
MUA 017  INTERMEDIATE FLUTE  1-2 Units
MUA 018  BEGINNING OBOE  1-2 Units
MUA 019  INTERMEDIATE OBOE  1-2 Units
MUA 020  INTERMEDIATE OBOE  1-2 Units
MUA 021  BEGINNING CLARINET  1-2 Units
MUA 022  INTERMEDIATE CLARINET  1-2 Units
MUA 023  INTERMEDIATE CLARINET  1-2 Units
MUA 024  BEGINNING SAXOPHONE  1-2 Units
MUA 025  INTERMEDIATE SAXOPHONE  1-2 Units
MUA 026  INTERMEDIATE SAXOPHONE  1-2 Units
MUA 027  BEGINNING BASSOON  1-2 Units
MUA 028  INTERMEDIATE BASSOON  1-2 Units
MUA 029  INTERMEDIATE BASSOON  1-2 Units
MUA 030  BEGINNING HORN  1-2 Units
MUA 031  INTERMEDIATE HORN  1-2 Units
MUA 032  INTERMEDIATE HORN  1-2 Units
MUA 033  BEGINNING TRUMPET/CORNET  1-2 Units
MUA 034  INTERMEDIATE TRUMPET/CORNET  1-2 Units
MUA 035  INTERMEDIATE TRUMPET/CORNET  1-2 Units
MUA 036  BEGINNING TROMBONE  1-2 Units
MUA 037  INTERMEDIATE TROMBONE  1-2 Units
MUA 038  INTERMEDIATE TROMBONE  1-2 Units
MUA 039  BEGINNING BARITONE  1-2 Units
MUA 040  INTERMEDIATE BARITONE  1-2 Units
MUA 041  INTERMEDIATE BARITONE  1-2 Units
MUA 042  BEGINNING TUBA  1-2 Units
MUA 043  INTERMEDIATE TUBA  1-2 Units
MUA 044  INTERMEDIATE TUBA  1-2 Units
MUA 045  BEGINNING PERCUSSION  1-2 Units
MUA 046  INTERMEDIATE PERCUSSION  1-2 Units
MUA 047  INTERMEDIATE PERCUSSION  1-2 Units
MUA 048  BEGINNING VIOLIN  1-2 Units
MUA 049  INTERMEDIATE VIOLIN  1-2 Units
MUA 050  INTERMEDIATE VIOLIN  1-2 Units
MUA 051  BEGINNING VIOLA  1-2 Units
MUA 305   THIRD YEAR PIANO   1-2 Units
MUA 306   THIRD YEAR PIANO   1-2 Units

Music - Rock County Courses

MUS 001   BEGINNING PIANO   2 Units
A study of basic piano technique toward skill in playing five-finger patterns & triads in all major & minor keys, chord progressions in all major keys, major & harmonic minor scales, basic transposition, legato & staccato touch & responsiveness to phrasing.
PREREQ: CONSENT OF INSTRUCTOR

MUS 002   BEGINNING PIANO   2 Units
A study of basic piano technique toward skill in playing five-finger patterns & triads in all major & minor keys, chord progressions in all major keys, major & harmonic minor scales, basic transposition, legato & staccato touch & responsiveness to phrasing.
PREREQ: CONSENT OF INSTRUCTOR

MUS 003   ELEMENTARY PIANO   2 Units
A continuation of skills learned in MUS 002, including dexterity playing major & harmonic minor scales & arpeggios, harmonization of a given melody with block chord accompaniment, playing various rhythms including syncopation in simple, compound & asymmetric meters, & reading & playing two parts including alto or tenor clef.
PREREQ: SUCCESSFUL COMPLETION OF MUS 002 AND/OR CONSENT OF INSTRUCTOR

MUS 004   ELEMENTARY PIANO   2 Units
A continuation of skills learned in MUS 002, including dexterity playing major & harmonic minor scales & arpeggios, harmonization of a given melody with block chord accompaniment, playing various rhythms including syncopation in simple, compound & asymmetric meters, & reading & playing two parts including alto or tenor clef.
PREREQ: SUCCESSFUL COMPLETION OF MUS 002 AND/OR CONSENT OF INSTRUCTOR

MUS 070   ORCHESTRA Repeateable  1-2 Units
Open to all students with experience playing an orchestral instrument.

MUS 071   BAND Repeateable  1-2 Units
Open to all students with experience playing a b& instrument.

MUS 072   CHORUS Repeateable  1-2 Units
Open to all students.

MUS 074   JAZZ ENSEMBLE Repeateable  1-2 Units
Open to all students with previous experience playing an instrument.

MUS 075   SMALL VOCAL ENSEMBLE Repeateable  1-2 Units
Open to all students. Prereq: Individual campuses may require an audition for admission. Individual campuses may require concurrent enrollment in MUS 072 (Chorus).

MUS 076   INSTRUMENTAL CHAMBER ENSEMBLE Repeateable  1-2 Units
Open to all students with experience playing a musical instrument germane to the type of ensemble.

MUS 099   MUSIC THEORY LAB   2 Units
Application & memorization drill of concepts being offered in MUS 171 (Music Theory I). Prereq: Concurrent enrollment in MUS 171.
COREQ: CONCURRENT ENROLLMENT IN MUS 171

MUS 104   HARMONY   4 Units

MUS 106   PIANO TECHNIQUES   2 Units
A beginning keyboard course for non-Music majors. A study of piano technique toward skill in playing five-finger patterns, scales, & triads in all major & minor keys, chord progressions in all major keys all toward learning how to play basic tunes on the piano.

MUS 107   VOCAL TECHNIQUES   2 Units
Theory & practice in fundamentals of singing.

MUS 115   WOODWINDS TECHNIQUES   2 Units
Theory & practice in fundamentals of woodwind performance.

MUS 130   BRASS TECHNIQUES   2 Units
Theory & practice in fundamentals of brass performance.

MUS 131   THEORY FUNDAMENTALS   2 Units
A continuation of the study of music fundamentals including notation, rhythm, intervals, scales & chords, sight-singing, ear-training & keyboard fundamentals. This course may also serve as preparation for MUS 171 Music Theory & MUS 181 Aural Skills.

MUS 145   PERCUSSION TECHNIQUE   2 Units
Theory & practice in fundamentals of percussion performance.

MUS 147   STRING TECHNIQUES   2 Units
Theory & practice in fundamentals of string performance.

MUS 170   FUNDAMENTALS OF MUSIC   3 Units
This course is designed to acquaint the student with the fundamentals of music through experiences with the keyboard, rhythm instruments, singing, listening, & note reading. Required for some elementary education majors & open to the general student. Acceptable as preparation for a music major or minor program.

MUS 171   MUSIC THEORY I   3 Units
A detailed study of the development of West Music's structural techniques & basic Comp.al components through the study & analysis of harmony & an Intro to counterpoint. Notation, rhythm, major & minor keys, modes, root position triads, inverted chords, non-harmonic tones & an Intro to part writing will be studied. Includes keyboard work to examine, explore & underst& the materials studied. Open to all students with consent of instructor. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 181 to meet aural skills requirement.
PREREQ: CONSENT OF INSTRUCTOR

MUS 172   MUSIC THEORY II   3 Units
Continuation of MUS 171. Melodic harmonization, voice-leading, harmonic & rhythmic progression, dominant seventh & leading-tone seventh chords, non-dominant seventh chords, intro to modulation, secondary dominant & leading-tone chords, intro to two & three-part forms & counterpoint will be studied. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 182 to meet aural skills requirements.
PREREQ: MUS 171

MUS 173   MUSIC LITERATURE AND APPRECIATION   3 Units
A guide to the underst&ing of music through listening experiences in the various styles & historical periods

MUS 174   MUSIC LITERATURE AND APPRECIATION   3 Units
A guide to the underst&ing of music through listening experiences in the various styles & historical periods

MUS 181   AURAL SKILLS I   3 Units
Development of skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 171.
COREQ: CONCURRENT ENROLLMENT IN MUS 171
MUS 182  AURAL SKILLS II  2 Units
Development of skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 172.
PREREQ: MUS 181

MUS 271  MUSIC THEORY III  3 Units
A continuation of MUS 172 with an intro to advanced harmony & counterpoint. Concepts of counterpoint, harmonic sequences, chromatic harmony, advanced modulation, Neapolitan & augmented sixth chords, more complex forms such as sonata, concerto, sonata-romando & the fugue will be studied. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 281 to meet aural skills requirements.
PREREQ: MUS 172

MUS 272  MUSIC THEORY IV  3 Units
A continuation of MUS 271. Embellishing chromatic chords, dominant prolongation, modulation to foreign keys, harmonic sequences, chromatic voice-leading, intro to 20th century techniques including set theory, 12-tone serial techniques, pointillism, polytonality, cluster techniques, microtones, indeterminacy & 20th century notation will be studied. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 282 to meet aural skills requirements.
PREREQ: MUS 271

MUS 273  JAZZ HISTORY AND APPRECIATION  3 Units
An intro to the styles & forms of jazz through a study of its history, lit., cultural influences, musical structure, & prominent performers. Includes recorded listening experiences.

MUS 275  HISTORY OF WESTERN MUSIC  3 Units
A surv. of the historical development of musical style & theoretical concepts from ancient Greece to 1750. Required of students planning a music major or minor.
PREREQ: MUS 172 OR CONSENT OF INSTRUCTOR

MUS 276  HISTORY OF WESTERN MUSIC  3 Units
A surv. of the historical development of musical style & theoretical concepts from ancient Greece to 1750. Required of students planning a music major or minor.
PREREQ: MUS 172 OR CONSENT OF INSTRUCTOR

MUS 278  HISTORY OF ROCK AND ROLL  3 Units
A study of Rock & Roll with emphasis on the roots, origins & influential figures in the history of this cultural phenomenon. Includes recorded listening experiences.

MUS 280  CONDUCTING  2 Units
Conducting techniques; emphasis on practical application to vocal & instrumental groups.

MUS 281  AURAL SKILLS III  2 Units
Development of aural skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 271.
PREREQ: MUS 182

MUS 282  AURAL SKILLS IV  2 Units
Development of aural skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 272.
PREREQ: MUS 281

MUS 285  WORLD MUSIC  3 Units
A guide to the understanding of non-West & ethnic West music through guided listening experiences of representative music throughout the world; the study of the effect of demographics & geographic concepts within a culture; & the resulting impact on America's diverse musical culture.
PHI 215 THEORY OF KNOWLEDGE 3 Units
An examination of the nature & limits of knowledge & the methods used for obtaining it. Topics typically include the distinction between knowledge & belief, problems of evidence & truth, the role of perception & memory, social aspects of knowledge, realism, relativism, skepticism, correspondence & coherence theories of truth, & the role of various disciplines (e.g., Phil., Sci., religion) in attaining knowledge.

PHI 220 PHILOSOPHY OF SCIENCE 3 Units
A critical examination of the methods, assumptions, & common misconceptions of the Sci.s as a source of knowledge of the natural world. The course typically involves some discussion of major figures in the history & Phil. of Sci. (e.g., Aristotle, Newton, Einstein, Hume, Popper, Kuhn), central concepts & theories (e.g., induction, causality, probability, falsificationism, instrumentalism), & some discussion of the relationship of Sci. to other aspects of society (e.g., morality, politics, religion).

PHI 226 PHILOSOPHICAL IDEAS IN LITERATURE 3 Units
A study of philosophical & moral ideas as embodied in selected works of literary art: aesthetic analysis of their structure & content.

PHI 233 THE CONCEPT OF MENTAL ILLNESS 3 Units
Examination of various definitions of mental illness & exploration of the issues different definitions raise. Topics include but are not confined to: the history of ideas of madness; the concept of disease & mental health &/or normalcy; the medical model; legal definitions. Representation of how various mental conditions appear is part of the course.

PHI 237 TECHNOLOGY, VALUES AND SOCIETY 3 Units
An examination of the philosophical issues that emerge from the world of technology in which we live. Topics may include: freedom, censorship, privacy, equality, democratic participation, intellectual property, education, law enforcement, institutional change, work, & all the personal & public choices about technology & its use with which we are confronted today.

PHI 240 EXISTENTIALISM 3 Units
An Intro to existential Phil. through critical examination of philosophical problems found in the writings of selected existential philosophers from Kierkegaard to the present.

PHI 241 ETHICS 3 Units
An exploration of philosophical ethics, with attention paid to the philosophical methods of analysis & argumentation used to drive & evaluate moral theories & judgments. Topics may include the nature of moral truth (e.g., absolute truth, relativism, pluralism), prominent moral theories (e.g., virtue ethics, deontology, utilitarianism), important figures form the history of Phil. (e.g., Aristotle, Kant, J.S. Mill), & contemporary moral issues (e.g., abortion, capital punishment, euthanasia).

PHI 242 SOCIAL AND POLITICAL PHILOSOPHY 3 Units
An examination of differing philosophical views about human kind & its social & political life. Topics may include the question of political legitimacy, the function of the state, the possible rights & obligations of citizens vis-à-vis the state, general concepts of justice, liberty, equality, & community (as well as possible specific conceptions of these terms), & how social goods should be distributed.

PHI 243 BUSINESS ETHICS 3 Units
(BUS 242 & PHI 243 are the same course.) Critical discussion of ethical reasoning & moral values in business & industry; includes relevant case studies & readings.

PHI 244 ENVIRONMENTAL ETHICS 3 Units
A philosophical examination of both traditional & recent concepts & values which structure human attitudes towards the natural Env.

PHI 248 BIOMEDICAL ETHICS 3 Units
Study of ethical issues pertaining to medicine & related biological Sci.s. Issues covered usually include abortion, euthanasia, truth telling, confidentiality, experimentation on human subjects, behavior modification, genetic engineering, criteria of death, organ transplants, professional relationships, & professional duties.

PHI 250 BIOETHICS OF REPRODUCTIVE MEDICINE 3 Units
An intensive study of the ethical & public policy issues raised by advances in reproductive medicine. Topics include in vitro fertilization & other forms of assisted reproduction, reproductive & therapeutic cloning, embryonic stem cell research, genetic screening & genetic selection, neonatal care, contraceptive methods & pregnancy termination. Prereq: None

PHI 253 PHILOSOPHY OF THE ARTS 3 Units
An examination of production, appreciation, & criticism of art. Topics may include the nature of art, the nature of beauty, the function(s) of art (if any), the moral status of works of art, aesthetic evaluation, the antimony of taste, the paradoxes of fiction, tragedy, & horror, & public financing of art. Theories may include the imitation/representation theory, expressionism, formalism, aesthetic experience theory, & institutional theory.

PHI 256 PHILOSOPHY OF SCIENCE 3 Units
A critical examination of the methods, assumptions, & common misconceptions of the Sci.s as a source of knowledge of the natural world. The course typically involves some discussion of major figures in the history & Phil. of Sci. (e.g., Aristotle, Newton, Einstein, Hume, Popper, Kuhn), central concepts & theories (e.g., induction, causality, probability, falsificationism, instrumentalism), & some discussion of the relationship of Sci. to other aspects of society (e.g., morality, politics, religion).

PHI 258 HUMAN NATURE, RELIGION AND SOCIETY 3 Units
(PHI 258 & REL 258 are the same course.) An exploration & critical of the views of theistic & secular writers concerning religion & its relationship to individual & social problems.

PHI 259 PHILOSOPHY AND RACISM 3 Units
Examination of the concept of race in the societies that use this notion to structure themselves - with concentration on its use in the U.S.. The following topics are part of the course: what racism is, particularly how racism is seen from the dominant st&point as opposed to how racism is seen from those who experience it; how the structure of racism has differed in regard to different ethnic groups; comparison of the experience of at least two different ethnic groups in the US in this regard; the place (or lack of place) of (im)morality in the creation of & in solutions to the problem.

PHI 261 PHILOSOPHY OF RELIGION 3 Units
( PHI 261 & REL 261 are the same course.) An exploration & critical examination of philosophically significant topics pertaining to religion & its claims of knowledge of reality, divine or otherwise. Topics may include attempts to define religion, monotheism & its alternatives, God's existence, evil, the nature of faith, the status of sacred texts, religious experience, religious diversity, faith & reason, Sci. & religion, miracles, & life after bodily death. Attention will be paid to relevant arguments, both contemporary & historical (e.g., Aquinas, Hume, Kierkegaard, James). Various philosophical methods including but not limited to conceptual analysis, skepticism, & existentialist criticism are employed to better understanding the rich & diverse cross-cultural phenomenon of religious experience.
PHI 262 PHILOSOPHY OF SPORT  3 Units
An Intro to philosophical issues concerning the playing of sports & games. Areas of emphasis may include: the nature of play, sports, games; ethical issues in sports (e.g., cheating, sportsmanship, exploitation of college athletes, intentional rule-breaking, & performance enhancing drugs & technologies); social aspects of sports & f&om; & the aesthetics of sports.

PHI 291 SELECTED TOPICS IN PHILOSOPHY Repeatable  1-3 Units
Each course offering must be approved by both the local campus & the chair of the department.

PHI 299 INDEPENDENT READING IN PHILOSOPHY Repeatable  1-3 Units
Program must be approved by chair of the department.
PREREQ: CONSENT OF INSTRUCTOR

PHI 310 THINKING CRITICALLY: CONTEMPORARY ISSUES AND APPLICATIONS  3 Units
This is an advanced study of critical thinking, evidence assessment, and philosophical analysis. The course explores common logical errors and reasoning pitfalls due to human perception, cognition, and memory. It provides strategies and standards of evidence analysis, facilitating an awareness of the differences between science and pseudoscience. Specific topics may include (although not exclusively): confirmation bias, memory fabrication, probability, astrology, miracle cures, parapsychology, near-death experiences, alien abductions, and ancient astronauts.
PREREQ: PHI 101 OR PHI 210 RECOMMENDED. JUNIOR STANDING OR CONSENT OF INSTRUCTOR.

PHI 385 POLITICS OF DEVELOPMENT  3 Units
Why are some countries rich and others poor? Major theories and history of economic development. The role of the state in diverse economies. Effects of the global trade system and international financial institutions on economic growth, democracy, quality of life, and the environment. Examines human rights, experiences of indigenous people, gender, and the role of militarism.
PREREQ: RECOMMENDED POL 175 OR POL 160 OR POL 104

Physics - Rock County Courses

PHY 107 FOUNDATIONS OF PHYSICS  3 Units
An introductory course for non-Sci. majors, with particular emphasis on the development of modern theoretical concepts. Central topics: classical mechanics, electromagnetism, quantum theory, relativity theory; & some discussion of historical & philosophical aspects. May be offered without Lab work for three credits or with Lab for four credits. Check the local timetable for credits listed. Not open to those who have had one or more courses in college physics; does not apply toward engineering or physics majors, or toward the physics requirements for pre-professional courses.
PREREQ: HIGH SCHOOL ALGEBRA AND GEOMETRY OR CONSENT OF INSTRUCTOR ANTIREQ: NOT OPEN TO THOSE WHO HAVE HAD PHY 141, PHY 201 OR EQUIVALENT

PHY 110 PHYSICS FOR HEALTH SCIENCES  3 Units
A descriptive Intro to those basic concepts of physics which have application to human health in general & to the medical & paramedical professions in particular. Primary attention will be paid to the physics of various functions of the human body (e.g., muscular & skeletal motions, the several senses & neural processes) & to the physics of commonly used instruments & equipment.
PREREQ: HIGH SCHOOL ALGEBRA AND GEOMETRY OR CONSENT OF INSTRUCTOR

PHY 115 ENERGY AND THE ENVIRONMENT  3 Units
Intended for non-Sci. majors, this course will give students the necessary physics background to form opinions on energy questions. The physical laws of thermodynamics, electricity, magnetism, & nuclear physics will be discussed in connection with energy related topics such as thermal pollution, fossil fuels, nuclear power, solar power & other alternative energy sources. Some elementary calculations (at the level of high school algebra) are included in the material, but the emphasis will be on a conceptual understanding of the energy-related issues affecting society today.

PHY 120 PHYSICAL SCIENCE  3 Units
Selected topics from physics, geology, & astronomy. Not intended for those planning to major in a physical Sci.; does not fulfill the prerequisites for any more advanced courses. May be offered without a Lab for three credits or with a Lab for four credits. Not open to those who have had PHY 141, PHY 201, or equivalent.

PHY 141 COLLEGE PHYSICS I  4 Units
The study of mechanics, heat, wave motion & sound. Recommended for students majoring in business, elementary education, medical technology, pharmacy, pre-dentistry & pre-medical studies. Three hours of lecture & three -four hours of Lab-discussion per week or equivalent. Students may not receive credit for both PHY 141 & 201.
PREREQ: MAT 105 OR CONSENT OF INSTRUCTOR ANTIREQ: PHY 201

PHY 142 COLLEGE PHYSICS II  4 Units
A continuation of Physics 141. Electricity, magnetism, light, & some modern physics. Three hours of lecture & three-four hours of Lab-discussion per week or equivalent. Students may not receive credit for both PHY 142 & 202.
PREREQ: A GRADE OF C OR BETTER IN PHY 141 OR CONSENT OF INSTRUCTOR ANTIREQ: PHY 202

PHY 201 UNIVERSITY PHYSICS I  5 Units
The study of mechanics, heat, wave motion, & sound. Recommended for physical Sci. & engineering majors. Three hours of lecture, one hour of discussion, & three hours of Lab per week or equivalent. Students may not receive credit for both PHY 141 & 201.
PREREQ: MAT 221 OR CONCURRENT ENROLLMENT WITH CONSENT OF INSTRUCTOR ANTIREQ: PHY 141

PHY 202 UNIVERSITY PHYSICS II  5 Units
A continuation of Physics 201. Electricity, magnetism, light, & some modern physics. Students may not receive credit for both PHY 142 & 202.
PREREQ: A GRADE OF C OR BETTER IN PHY 201 OR CONSENT OF INSTRUCTOR ANTIREQ: PHY 142

PHY 205 MODERN PHYSICS  3 Units
Intro to atomic, nuclear, & solid state physics; kinetic theory, special relativity & quantum theory.
PREREQ: A GRADE OF C OR BETTER IN PHY 201 OR CONSENT OF INSTRUCTOR

PHY 291 TOPICS IN PHYSICS Repeatable  1-5 Units
An extended coverage of one or more topics in physics such as Env.al physics, energy, biophysics, mechanics, electricity & magnetism, electromagnetic radiation, statistical physics, solid state physics, relativity, quantum mechanics, & atomic & nuclear physics.
PREREQ: CONSENT OF INSTRUCTOR

PHY 299 INDEPENDENT STUDY  1-3 Units
Indp. study under the supervision of an instructor. The work may, for example, consist of advanced Lab investigation into a particular topic or library research & writing of a paper on some subject of interest.
Political Science - Rock County Courses

POL 101 INTRODUCTION TO POLITICS 3 Units
What is the ideal form of government & society? A Surv. & analysis of ideas related to citizenship in the community, nation & world, with emphasis on competing political values/ideologies & civic engagement.

POL 104 AMERICAN GOVERNMENT AND POLITICS 3 Units
Analysis of the decision-making structure & processes of American national government, including the role of parties & interest groups, & the value preferences within American society which affect the formation of public policy.

POL 105 STATE AND LOCAL SUPPLEMENT TO POL 104 1 Units
A one-credit study of state & local government.
PREREQ: POL 104 OR CONCURRENT ENROLLMENT

POL 120 POLITICS OF CRIME AND PUNISHMENT 3 Units
Focuses on the competing goals of public policy in criminal justice, from public order, due process, efficiency, rights & liberties. Analyzes the interplay of key actors including police, courts & prisons in policy-making & implementation. Includes the role of media & myth.

POL 160 COMPARATIVE POLITICS 3 Units
Studies a select set of important states with different political, economic, & cultural characteristics. Compares economic, social & political issues & policy choices, in addition to governance. Recommended for Business, Journalism, Education, & Political Sci. majors

POL 175 INTERNATIONAL POLITICS 3 Units
Global problems, issues & debates since the end of the Cold War, including terrorism, cultural & religious conflict & changing power relations. Impact of social, economic & technological change & evolution of the state system. Cooperative problem-solving & peace-making.

POL 193 CAMPAIGNS AND ELECTIONS: VOTERS, CANDIDATES AND STRATEGIES 3 Units
This course provides an examination of political campaigns & strategies, & the nomination & electoral systems. Topics covered in class include the role of interest groups, PAC's & professional support organizations, campaign finance, & the role of the media

POL 201 INTRODUCTION TO POLITICAL THEORY 3 Units
What is the ideal in politics & government? A Surv. & analysis of ideas relating to political systems & values.

POL 210 CIVIL LIBERTIES 3 Units
This course is an examination of civil liberties & their philosophical underpinnings. Through the reading of U.S. Supreme Court cases & other texts, students will study topics including the constitutional basis of civil liberties, the freedoms of conSci. & expression, the rights of persons accused of crime, privacy, & property rights

POL 215 MEDIA AND POLITICS 3 Units
An examination of the impact mass media has had on democratic politics in the U.S., including the role media plays in influencing political behavior & attitudes. Topics covered in the class include media bias, media power, use of media by government & interest groups, the role of media in campaigns & elections, & the influence of media on policy makers

POL 218 RELIGION AND POLITICS 3 Units
(POL 218 & REL 218 are the same course.) An examination of the relationship between religion & politics within the U.S. & beyond. Topics include religion & the political history of the U.S., civil liberties & religion (establishment & free exercise), the role religion plays in the political process, from the perspective of both cooperation & conflict.

POL 219 PUBLIC POLICY: POWER, CONFLICT, CHOICE 3 Units
An exploration of the public policy-making process in the U.S. with attention to select contemporary issues in American policy debates (Env., energy, health, economic Mgmt., etc.). Course content includes the study of how citizens (voters, groups & elected officials) participate in developing & implementing policy in local, state & national government

POL 225 STATE AND LOCAL GOVERNMENT 3 Units
Organization, structure & functions of state & local governments in general, while using Wisconsin as a prime example.

POL 231 SEX, POWER AND PUBLIC POLICY 3 Units
(POL 231 & GSW 231 are the same course.) Examination of controversial issues of gender that affect equality & power. Includes women's movement & the search for equality, justice & freedom. Examines political & judicial policies that exemplify success & failure.

POL 235 POLITICS OF RACE AND ETHNICITY IN AMERICA 3 Units
Examination of the struggle between & among ethnic, racial & language groups in American politics.

POL 250 GOVERNMENT AND BUSINESS 3 Units
A Surv. of government activities, regulations & policies affecting business & the economic system, such as anti-trust, safety & health regulations, subsidies, transfer payments, public works & government corporations.

POL 280 TERRORISM 3 Units
Terrorism, both current & historic, will be analyzed in its development, logic & impact. Includes controversies over security & liberty, intelligence & forewarning, & deals with political, philosophic & religious aspects. A major feature is analysis of alternative responses to terrorism, & local coping strategies (disaster Mgmt.).

POL 285 POLITICS OF WORLD INEQUALITY AND DEVELOPMENT 3 Units
Why are some countries rich & others poor? Major theories & history of economic development. The role of the state in diverse economies. Effect of the global trade system, democracy, quality of life, & the Env.. Examines human rights, experiences of indigenous people, gender, & the role of militarism

POL 294 INTERNSHIP IN POLITICAL SCIENCE Repeatable 1-3 Units
An individually arranged internship or service-learning Proj. that partners students with elected officials, political parties, governmental & non-governmental agencies, & other political institutions for students to gain practical experience related to politics, government, & political Sci. education. The internship is intended for advanced students with prior Political Sci. coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.
PREREQ: CONSENT OF INSTRUCTOR

POL 298 SPECIAL TOPICS Repeatable 1-3 Units
A course for topics which would be appropriate for freshmen & sophomores. Topic & number of credits will be announced in the timetable

POL 299 INDEPENDENT READING Repeatable 1-3 Units
Surv. of Lit. in a particular subject, possibly concluding with a research Proj. supervised by the instructor. Subject & specific requirements determined by instructor/student agreement.
PREREQ: CONSENT OF INSTRUCTOR

POL 308 AMERICAN PRESIDENCY 3 Units
The President as chief administrative leader, political leader, foreign policy initiator, comm&er-in-chief & head of state.
POL 385  POLITICS OF WORLD INEQUALITY AND DEVELOPMENT  3 Units
Why are some countries rich and others poor? Major theories and history of economic development. The role of the state in diverse economies. Effects of the global trade system and international financial institutions on economic growth, democracy, quality of life, and the environment. Examines human rights, experiences of indigenous people, gender, and the role of militarism. Recommended POL 175 (International Politics) or POL 160 (Comparative Politics) or POL 104 (American Government and Politics).
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

POL 430  GLOBAL ENVIRONMENTAL POLITICS  3 Units
Global environmental problems (GEP), from ozone depletion to population policy to biodiversity and climate change, have become pressing political concerns in a globalizing economy. This course examines the different sorts of politics, actors, processes, tools, and specific issues that have emerged in the arena of global environmental politics examining the various actors and issues who affect and are affected by international environmental politics.

Psychology - Rock County Courses

PSY 201  INTRODUCTORY PSYCHOLOGY  4 Units
Surv. of major content areas in Psychology. Topics include research methodology, learning, memory, cognition, biological psychology, sensation, perception, motivation, emotion, development, personality, psychopathology, & social psychology. Students may not receive credit for both PSY 201 & PSY 202.

PSY 202  INTRODUCTORY PSYCHOLOGY  3 Units
(See PSY 201 course description.) Students may not receive credit for both PSY 201 & PSY 202.

PSY 203  INDIVIDUALS AND INSTITUTIONS: CONCEPTS/EXPERIENCE  3 Units
Lecture/discussion presentation of concepts of human behavior will be related to concurrent experiences in community agencies such as schools, social service departments, & hospitals. Agency placements involve a minimum commitment of four hours per week & will provide some direct contact between the students & agency clients. Two hours of lecture & discussion will be required, with opportunity for additional individual discussion.
PREREQ: PSY 201 OR PSY 202 OR CONCURRENT REGISTRATION AND CONSENT OF INSTRUCTOR

PSY 208  PSYCHOLOGY OF GENDER  3 Units
(PSY 208 & GSW 208 are the same course.) The process & consequences of gender development; review of current gender research & theory in the context of cultural, psychological, biological, historical, & cross-cultural perspectives. The course focuses on female & male experience as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression, & sexuality.

PSY 210  STATISTICAL METHODS IN PSYCHOLOGY  3 Units
An Intro to descriptive & inferential Stat.. Topics include measures of central tendency, measures of variability, correlation & regression, sampling distributions, & hypothesis testing procedures including t-tests, & analysis of variance.
PREREQ: PSY 201 OR PSY 202 OR CONCURRENT REGISTRATION AND CONSENT OF INSTRUCTOR

PSY 224  CONCEPTUAL INTRODUCTION TO STATISTICS  1 Units
This course is a supplement to PSY 225 for students who have had no previous course in Stat.. It is not a substitute for PSY 210 & does not satisfy requirements for an Introductory course in Stat..
PREREQ: PSY 201 OR PSY 202 (WITH A GRADE OF C- OR BETTER OR CONSENT OF INSTRUCTOR) COREQ: PSY 225

PSY 225  EXPERIMENTAL PSYCHOLOGY  5 Units
Emphasis on research techniques, design, & methodologies including the collection, analysis, & reporting of psychological data. Lecture & Lab.

PSY 250  LIFE SPAN DEVELOPMENTAL PSYCHOLOGY  3 Units
A Surv. of human development theories & research. Topics include the biological, cognitive, emotional, & social development of the individual from the prenatal period through old age & the process of death & dying. Students taking PSY 250 may not also receive credit for PSY 360 or PSY 362.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER OR CONSENT OF INSTRUCTOR ANTIREQ: PSY 360 OR 362

PSY 254  BEHAVIORAL NEUROSCIENCE  3 Units
Discussion of the biological substrates of attention, emotion, motivation, learning, cognition, language & psychopathology; includes an examination of research using lesions, stimulation & neuroimaging.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER OR CONSENT OF INSTRUCTOR

PSY 270  THE PSYCHOLOGY OF DISCRIMINATION  3 Units
The use of psychological concepts, principles, & research to enhance understanding of intergroup relations (e.g., race relations) in America. The experience of traditionally marginalized & privileged groups will be examined. Inter-racial & inter-ethnic relations will be used as a springboard to also examine relations from across different genders, physical abilities, religions, & sexual orientations. Topics may include identity formation, prejudice, discrimination, socialization, privilege, & strategies to reduce conflict across difference.

PSY 294  INTERNSHIP IN PSYCHOLOGY  1-3 Units
An internship is designed to give students the opportunity to apply the knowledge & skills they have learned in Psychology courses to a professional or community-based institution. The internship will involve a psychology-related placement at an off-campus institution & will be supervised by a faculty advisor. The internship is intended for advanced students with prior Psychology coursework. Students will receive credit based on hours completed during the course of the Sem., completion of a final report summarizing how their experiences reflect classroom learning & how it will influence their future work, & any other course work agreed upon by the advisor & student at the beginning of the course. Repeatable for a maximum of six credits.

PSY 299  DIRECTED STUDY IN PSYCHOLOGY  1-3 Units
Directed reading of the Lit. in a particular subject, possibly including a research Proj., under the personal supervision of the instructor.

PSY 307  PSYCHOLOGY OF PERSONALITY  3 Units
Discussion of major theories & research in personality; may include behavioral, biological, cognitive, dispositional, humanistic, & psychoanalytic perspectives.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR
PSY 309  ABNORMAL PSYCHOLOGY  3 Units
Contemporary theory & research on abnormal behavior, includes diagnostic categories, approaches to treatment & understanding of abnormal behavior.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR. ONE ADDITIONAL COURSE IN PSY IS RECOMMENDED.

PSY 311  SOCIAL PSYCHOLOGY  3 Units
Theory & research in areas such as social cognition, attitude formation & change, attribution theory, interpersonal attraction, group processes, social influence, aggression & prosocial behavior.

PSY 360  PSYCHOLOGY OF CHILDHOOD ADOLESCENCE  3 Units
A Surv. of human development theories & research. Topics include the biological, cognitive, emotional & social development of the individual from the prenatal period through adolescence. Students may not receive credit for both PSY 360 & PSY 250.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR ANTIREQ: PSY 250

PSY 362  PSYCHOLOGY OF ADULTHOOD AND AGING  3 Units
A Surv. of human development theories & research. Topics include biological, cognitive, emotional & social development of the individual from young adulthood through old age & the process of death & dying. Students may not receive credit for both PSY 362 & PSY 250.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR ANTIREQ: PSY 250

PSY 364  PSYCHOLOGY OF DEATH AND DYING  3 Units
This course examines all major aspects of the psychology of death & dying, including but not limited to terror Mgmt. theory, models of death anxiety, death awareness & cognitive development, the life review process, the NDE controversy, theories of suicide, & stages of grieving & bereavement.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR

PSY 414  (U)COGNITIVE PSYCHOLOGY  3 Units
This course explores the scientific study of mental processes & brain mechanisms, with which people perceive, pay attention, learn, remember, make decisions, solve problems & communicate. The topics will be introduced in an interdisciplinary manner among psychology, neuroBio., computer Sci., robotics, & linguistics.

PSY 430  (U)SOCIAL PSYCHOLOGY  3 Units
Theory & research in areas such as social cognition, attitude formation & change, attribution theory, interpersonal attraction, group processes, social influence, aggression & prosocial behavior.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR; AND PSY 201 OR 202

PSY 440  (U)Psychology LEADING GROUPS AND ORGANIZATIONS: ORGANIZATIONAL PSYCHOLOGY  3 Units
Organizational Psychology applies psychological methods & principles to understand how interactions among individuals, groups, & the broader social context impact organizations. By examining topics such as motivation, leadership, intergroup dynamics, conflict, & negotiation, this course will prepare students to lead successful groups & organizations. This course involves readings, lectures, experiential exercises, & placement at an organization within the community. Organizational placements involve a minimum commitment of two hours per week (equivalent to 30 hours of service-learning experience).
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR; AND PSY 201 OR 202

PSY 462  PSYCHOLOGY OF ADULTHOOD AND AGING  3 Units
A Surv. of human development theories & research. Topics include biological, cognitive, emotional & social development of the individual from young adulthood through old age & the process of death & dying.

Religion - Rock County Courses
REL 101  INTRODUCTION TO THE STUDY OF RELIGION  3 Units
This course introduces students to various methods employed in the academic study of religion & will provide opportunity for students to apply these methods to diverse expressions of the religious life. This course is primarily a global awareness competencies course.

REL 201  ASIAN PHILOSOPHY  3 Units
(PSY 201 & REL 201 are the same course.) An exploration of philosophically significant topics pertaining to the traditions of Asia. Typically includes the traditions of Hinduism, Buddhism, Jainism, Confucianism, Daoism, & Shinto. May include topics such as the nature of ultimate reality & its relationship to the self, liberation & enlightenment, ethical ideals & practices, social institutions, & the nature of government. Attention will be paid to arguments pertaining to these topics as well as careful analysis of such classic primary sources as the Upanishads, Bhagavad Gita, Analects, Daodejing, & Zhuangzi.

REL 202  INTRODUCTION TO BUDDHISM  3 Units
Selective Intro to prominent Buddhist traditions of Asia & contemporary West including basic Buddhist doctrines, practices, institutions, & material culture. Analysis of sacred Buddhist Lit. with attention paid to historical context & contemporary lived realities. Attention will be paid to acquiring overall Asian awareness competencies pertaining to these topics as well as the role these traditions play in the social fabric of Asian immigrant communities in the modern U.S.

REL 203  AMERICAN INDIAN PHILOSOPHIES  3 Units
(PSY 203 & REL 203 are the same course.) A study of philosophical aspects of American Indian world views & practices in contrast to those of the larger culture in the US. Attention will be given to historical & contemporary relations between American Indian cultures & the larger culture in the US.

REL 205  INTRODUCTION TO CHRISTIANITY  3 Units
This course is an Intro to the history, texts, beliefs, artistic expressions, & practices of the diverse panorama that is the Christian religious tradition. Special emphasis will be placed on the global nature of Christianity throughout the past two millennia. Thus, in addition to covering Christianity in West Europe & the U.S., there will be significant focus on varieties of the religion in the non-West world & in indigenous communities. The course does not presume a particular religious perspective but only requires a sympathetic & open mind.

REL 218  RELIGION AND POLITICS  3 Units
(POL 218 & REL 218 are the same course.) An examination of the relationship between religion & politics within the U.S. & beyond. Topics include religion & the political history of the U.S., civil liberties & religion (establishment & free exercise), the role religion plays in the political process, from the perspective of both cooperation & conflict.

REL 258  HUMAN NATURE, RELIGION AND SOCIETY  3 Units
(PHI 258 & REL 258 are the same course.) Study & critique of the views of theistic & secular writers concerning religion & its relationship to individual & social problems.
forces of change & the web of relations among countries. Focuses on social structure & institutions, cultural values, the context. Explores contemporary U.S. society in an international & comparative context. Special emphasis is given to those religions which influence U.S. society. Not recommended for first-Sem. students, except with cons. instr.

REL 275 Sociology of Religion 3 Units
(REL 275 & SOC 275 are the same course.) A sociological approach to the study of religion, its institutional forms, aims, & impact on society. Attention is given to the theories of the Soc. of religion & to the interaction of religion & the social, political, & economic structures of society. Special emphasis is given to those religions which influence U.S. society. Not recommended for first-Sem. students, except with cons. instr.

REL 291 Selected Topics in Religious Studies 3 Units
A Surv. of selected readings from the primary & secondary Lit. on a particular aspect of religion, such as religious belief systems, religious practices, religious institutions, religious experience, history of religion & musical, artistic or literary expression in religion

REL 299 Independent Reading in Religious Studies 1-3 Units
Intensive study of a sacred text or of a secondary theological, literary, exegetic or other text within a religious tradition.

REL 302 Religion and Cultural Conflict 3 Units
This course offers an exploration into the nature & function of religion in the context of cultural conflict & change. The course will shed light on the rise of militant Jewish, Christian, & Islamic fundamentalism & the intensification in the current era of individuals & groups acting violently in the name of religion.
PREREQ: ENG 102 WITH A GRADE OF C OR BETTER AND ONE OF THE FOLLOWING: REL 101, PHI 101, SOC 101, OR CONSENT OF INSTRUCTOR

REL 343 Religion, Magic, and Witchcraft 3 Units
(ANT 343 & REL 343 are the same course.) Religion, magic & witchcraft are uniquely human means of reaching out to the supernatural realm in order to effect changes in the here & now. This course introduces student to descriptions & interpretations of magico-religious beliefs & practices in a variety of cultures from an anthropological perspective, which does not attempt to judge the validity of such beliefs but to understand their origins & functions, among other things. It examines theories about religion & some of the conceptual issues regarding the interpretation of religion & related phenomena which have interested anthropologists over time.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

Sociology - Rock County Courses
SOC 101 Introduction to Sociology 3 Units
Intro to the basic concepts, theories & methods of Soc., emphasizing the significance of the self & culture, social process & organization, & forces of social stability & change

SOC 125 American Society in the Contemporary World 3 Units
Explores contemporary U.S. society in an international & comparative context. Focuses on social structure & institutions, cultural values, the forces of change & the web of relations among countries.

SOC 130 Contemporary Social Problems 3 Units
Sociological analysis of the nature, extent, causes, & potential solutions to selected major social problems such as poverty & wealth, racial & gender discrimination, crime & violence, drug abuse, family problems, quality of education, inadequate health care, population problems, intergroup conflict, & threats to the Env.

SOC 160 Sociology of Human Sexuality 3 Units
Sociological overview of issues in human sexuality. Course is based on sociological investigations of the origins, nature & biosocial consequences of varying customs & ideals of human sexuality. Among topics that may be covered are: sex & family life, contraception, abortion & social power, violations of sexual norms & ideas about sexual propriety, origins & impact of sexual liberation movements, sociosexual aspects of epidemics, sociological interpretations of sexual dissatisfactions.

SOC 205 Global Social Problems 3 Units
Sociological analysis of the nature, extent, causes, & potential solutions to global social problems such as consumerism, poverty & wealth, human rights, population growth & hunger, health issues, militarism & terrorism, & threats to the Env. Prereq: Not recommended for first-Sem. students.

SOC 210 Sociology of Sport 3 Units
A Surv. of the past & present roles sport has played within our society including its impact on the educational system, the media, the family & economic structures. Areas including heritage, social status, personality & race will be addressed. Primary emphasis given to sports in the U.S.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 220 Sociology of Marriage and the Family 3 Units
Marriage & the family as social institutions in a changing world. Historical changes & societal variations in family patterns. Changes over the life cycle. Explores the sources & consequences of a variety of family forms.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 231 Crime and Criminal Justice 3 Units
Explores the nature of crime & reviews ideas about definitions, causes, & solutions. Includes an Intro to the day-to-day functioning of the criminal justice system, the police, lawyers, courts, & correctional personnel.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 234 Sociology of Race & Ethnicity 3 Units
The experience of American racial, religious, ethnic & nationality groups. The nature of intergroup relations in the U.S.. Relationship of intergroup dynamics to social change, & to basic ideological, technological, & institutional structures & processes. Emphasis on social conflict over the distribution of economic & political power, family patterns, housing, education & access to the legal system.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 238 Sociological Perspectives on Gender 3 Units
(SOC 238 & GSW 238 are the same course.) A sociological examination of roles assigned to women & men in society, including the experiences of marriage, parenthood, employment & occupational attainment. Pays particular attention to gender role socialization & its cultural reinforcement, to patterns of gender relations & to ongoing changes.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS
SOC 246  JUVENILE DELIQUENCY  3 Units
Examines the theories of the nature, causes, consequences, & prevention of juvenile misbehavior through examination of historic changes in the definition & frequency of juvenile offenses. Controversies over the practice of distinguishing juvenile crime & misbehavior from adult crime. Controversies over the treatment & punishment of juveniles, in connection with the activities of juvenile courts, parents & school officials, local communities, police departments, politicians, networks of attorneys & treatment personnel, & correctional authorities.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 249  COMPARATIVE CRIMINOLOGY  3 Units
This course explores the links between crime, social organization, history & penal policy in various countries, with reference to the U.S. It examines definitions of crime & forms of organization of criminal justice systems on the background of different legal traditions & penal philosophies. This global focus is expanded through analyses of the impact of globalization on crime & on criminal justice & the utilization of international electronic resources.
PREREQ: SOC 231 OR SOC 246 OR POL 120 OR CONSENT OF INSTRUCTOR

SOC 250  PEOPLE, ORGANIZATIONS, and SOCIETY  3 Units
Role of organizations, including business, governmental, & educational, in American society. Impact of organizations on members & clients, the internal dynamics of organizations, & the interchange between organizations & their Env., including the society as a whole.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 270  INTRODUCTION TO WORLD POPULATION  3 Units
Determinants & consequences of population size & growth. Changing levels of fertility, mortality, & migration rates & patterns & their social & economic implications. Examination of population policy in countries at various stages of economic development, e.g., international labor migration, China's one-child policy, U.S. immigration laws, euthanasia policy in the Netherlands, controversies over international aid for population regulation, influence of world religions on population policy.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 275  SOCIOLOGY OF RELIGION  3 Units
(REL 275 & SOC 275 are the same course.) A sociological approach to the study of religion, its institutional forms, aims, & impact on society. Attention is given to the theories of the Soc. of religion & to the interaction of religion & the social, political, & economic structures of society. Special emphasis is given to those religions which influence U.S. society.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 285  SOCIOLOGY OF HEALTH & ILLNESS  3 Units
Sociological perspectives on health & illness, with special attention to changes in patterns of illness & death as they relate to broader socio-economic changes & to changes in orientation & organization of health care providers. Among major topics that the course covers are: competing theories of disease & death trends; social circumstances under which epidemics emerge & are curbed; public health & medical center models of providing health care & preventing disease, injury, & death; organization of health care providers; comparisons among health systems.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 291  SELECTED TOPICS IN SOCIOLOGY  Repeatable  1-3 Units
A specific topic in an instructor's area of special competence. When offered, the particular topic is indicated in the campus timetable.

SOC 294  PRACTICE IN APPLIED SOCIOLOGY  Repeatable  1-3 Units
An individually arranged internship in an area museum, field site, public agency, or other organizations for students to gain practical experience as field researchers. The internship is intended for advanced students with prior Soc. coursework. Students will work under the supervision of a department member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.
PREREQ: PREVIOUS SOC COURSE OR CONSENT OF INSTRUCTOR

SOC 299  INDEPENDENT READING IN SOCIOLOGY  Repeatable  1-3 Units
A prerequisite or cons. instr. may be required

SOC 335  INTRODUCTORY SOCIAL PSYCHOLOGY  3 Units
Intro to the general area of social psychology with focus on social interaction & Soc.'s contributions to the study of small groups & subcultures; topics include Socialization, motivation, attitudes, values, communications, leadership.
PREREQ: PREVIOUS SOC COURSE OR CONSENT OF INSTRUCTOR

SOC 349  (U)COMPARATIVE CRIMINOLOGY  3 Units
This course explores the links between crime, social organization, history, & penal policy in various countries, with reference to the U.S. It examines definitions of crime & forms of organization of criminal justice systems on the background of different legal traditions & penal philosophies. This global focus is expanded through analyses of the impact of globalization on crime & on criminal justice & the utilization of international electronic resources.
PREREQ: SOC 231 OR SOC 246 OR POL 120 OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

SOC 355  SOCIOLOGY OF THE ENVIRONMENT  3 Units
Explores the socio-cultural foundations of our relationship with the natural Env. Examines the relationship between Env.al degradation & social, political, & economic structures. Explores beliefs & values about the Env. & their expression in various forms of Env.alism & Env.al movements. Also analyzes the presentation of Env.al issues in cultural, political, & scientific domains.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

SOC 357  SOCIAL RESEARCH METHODS  3 Units
An intro to the logic & the methods of quantitative & qualitative research designs as they apply to the analysis of societies. Includes problem identification & conceptualization, procedures for testing social theories, hypothesis construction, & a variety of qualitative & quantitative data collection & evaluation techniques. The course includes classroom study & field research.
PREREQ: PREVIOUS SOC COURSE OR CONSENT OF INSTRUCTOR

Spanish - Rock County Courses

SPA 100  SPANISH LANGUAGE THROUGH CULTURE  3 Units
An intro to the Spanish language that focuses as much on the cultural aspects of the language as on the language itself. Students can expect to learn basic elements of vocabulary & structure while learning about the people who speak the language in the US & around the world.

SPA 101  FIRST SEMESTER SPANISH  4 Units
For students who have had no previous training in the language. Emphasis on reading, writing, listening, & speaking in Spanish. Classes also may include cultural studies of Spain & Latin America. Field trip may be required.
SPA 102  SECOND SEMESTER SPANISH  4 Units
Continuation of SPA 101 or SPA 104. Field trip may be required.
PREREQ: SPA 101 OR SPA 104 OR CONSENT OF INSTRUCTOR

SPA 103  FIRST SEMESTER SPANISH--PART I  2 Units
For students who have had no previous training in the language. This
course is the first module of a two-part Introductory sequence. Emphasis
on reading, writing, listening, & speaking in Spanish. Classes may include
cultural studies of Spain & Latin America. Field trip may be required. (This
course in combination with SPA 104 is equivalent to SPA 101).

SPA 104  FIRST SEMESTER SPANISH--PART II  2 Units
Continuation of SPA 103 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
SPA 103 is equivalent to SPA 101.)
PREREQ: SPA 103 OR CONSENT OF INSTRUCTOR

SPA 105  SECOND SEMESTER SPANISH  4 Units
Continuation of SPA 101 or SPA 104. This is the first module of a two-
part second-Sem. sequence. Field trip may be required. (This course in
combination with SPA 107 is equivalent to SPA 105.)
PREREQ: SPA 101 OR SPA 104 OR CONSENT OF INSTRUCTOR

SPA 106  SECOND SEMESTER SPANISH--PART I  2 Units
Continuation of SPA 106 & second module of a two-part second-Sem.
sequence. Field trip may be required. (This course in combination with
SPA 106 is equivalent to SPA 105.)
PREREQ: SPA 106 OR CONSENT OF INSTRUCTOR

SPA 107  SECOND SEMESTER SPANISH--PART II  2 Units
Continuation of SPA 101 & SPA 104. Field trip may be required. (This course in
combination with SPA 107 is equivalent to SPA 105.)
PREREQ: SPA 101 OR SPA 104 OR CONSENT OF INSTRUCTOR

SPA 108  THIRD SEMESTER SPANISH  4 Units
Reviews grammar taught during first two Sem.s while adding new
material with some stress on idiomatic usage. All four skills (reading,
writing, listening, & speaking) are practiced, & continued emphasis is
placed on acquisition of cultural knowledge. Field trip may be required.
PREREQ: SPA 105 OR SPA 107 OR CONSENT OF INSTRUCTOR

SPA 109  FOURTH SEMESTER SPANISH  4 Units
Continuation of SPA 101 or SPA 104. Reading, writing, audio/oral practice, cultural
insights based on literary texts in Spanish. Field trip may be required.
PREREQ: SPA 101 OR SPA 104 OR CONSENT OF INSTRUCTOR

SPA 110  PRACTICAL SPOKEN SPANISH  1-4 Units
Emphasis on the spoken language in everyday contexts. Not part of the
sequence of required foreign language courses. May be taken more than
once for credit if content changes.
PREREQ: CONSENT OF INSTRUCTOR

SPA 200  INTRODUCTORY SURVEY OF THE PENINSULAR LITERATURE,
TWELFTH TO SEVENTEENTH CENTURIES  3 Units
Modern masterpieces in fiction, drama, poetry, & essay. Lectures in
literary history & criticism, exercises in interpretation, Comp.s, oral
presentations, & class discussions in Spanish.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

SPA 201  INTRODUCTORY SURVEY OF PENINSULAR LITERATURE,
EIGHTEENTH TO TWENTIETH CENTURIES  3 Units
Modern masterpieces in fiction, drama, poetry, & essay. Lectures in
literary history & criticism, exercises in interpretation, Comp.s, oral
presentations, & class discussions in Spanish.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

SPA 202  CONVERSATION AND COMPOSITION  3 Units
Development of written & oral proficiency through systematic exposure
to modern cultural developments as found in a variety of contemporary
texts. Discussion & Comp. exercises deal with cultural topics Introduced
by original authors.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

SPA 203  THIRD SEMESTER SPANISH--PART I  2 Units
This course is the first module of a two-part third-Sem. sequence.
Reviews grammar taught during the first two (or four) Sem.s while adding
new material with some stress on idiomatic usage. All four skills (reading,
writing, listening, & speaking) are practiced, & continued emphasis is
placed on acquisition of cultural knowledge. Field trip may be required.
(This course in combination with SPA 204 is equivalent to SPA 201.)
PREREQ: SPA 205 OR SPA 107 OR CONSENT OF INSTRUCTOR

SPA 204  THIRD SEMESTER SPANISH--PART II  2 Units
Continuation of SPA 203 & second module of a two-part third-Sem.
sequence. Field trip may be required. (This course in combination with
SPA 203 is equivalent to SPA 201.)
PREREQ: SPA 203 OR CONSENT OF INSTRUCTOR
SPA 227  SPANISH FOR SPANISH SPEAKERS  3 Units
This course emphasizes the development of Spanish-speaking students’ ability to use Spanish in a variety of contexts, with a focus on formal speaking & writing. Students will engage in a formal study of the language including appropriate spelling (including the use of accents), development of a more sophisticated vocabulary, verb morphology, syntax & other linguistic topics. Students will study the linguistic & cultural history of the language & the people who speak it in the U.S. & in other countries where Spanish is spoken. Course is taught exclusively in Spanish.
PREREQ: SPANISH HERITAGE SPEAKER OR CONSENT OF INSTRUCTOR

SPA 235  SPANISH CULTURE AND CIVILIZATION  1-3 Units
Lectures & readings in English on the art, music, architecture, politics, Eco., & history of Spain. No knowledge of Spanish required. No foreign language credit.

SPA 236  THE CULTURE AND CIVILIZATION OF LATIN AMERICA  1-3 Units
Lectures & readings in English on the art, music, architecture, history, & politics, as well as the social & economic problems of Latin-American countries from pre-Columbian times to the present. Latin Americans in the U.S. & their relationship with Latin America will be examined. No knowledge of Spanish required. No foreign language credit.

SPA 237  LATINO LITERATURE  3 Units
Lectures & readings in English of novels, plays, & poetry written by Chicano & other Latino authors in the U.S. Focuses on cultural differences & alternatives in order to lead students to question previous stereotypes & to come to a new understanding of Latino minorities in this country. No knowledge of Spanish required. No foreign language credit.

SPA 247  LATIN AMERICAN AND LATINA WOMEN  3 Units
SPA 247 & GSW 247 are the same course.) This course will examine the lives & literary works of Latin American & Latina women within Latin American society & in the US. Particular attention will be given to the roles assigned to these women by patriarchal cultures & to the stereotypes that have influenced their lives. This course will examine how Latin American & Latina women have resisted race, class & gender oppression. The complex relationships among these factors & ethnicity will be examined through the analysis of a variety of primary texts, films, & scholarly articles. The course will be taught in English.
PREREQ: ENG 101

SPA 277  SPECIAL TOPICS IN LITERATURE IN TRANSLATION AND/OR CULTURE AND CIVILIZATION  2-3 Units
Treats various topics of Spanish or Latin-American Lit. &/or culture to be specified by instructor in campus timetable. Lectures, class discussions, & written work in English. No knowledge of Spanish necessary. No foreign language credit

SPA 291  SELECTED TOPICS IN SPANISH  Repeatable  2 Units
Cultural, literary, or linguistic themes as specified in campus timetable.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

SPA 299  INTERMEDIATE INDEPENDENT READING  Repeatable  1-3 Units
Individual student(s) assigned readings, reports, & papers on topic determined by instructor. One-on-one meetings to be arranged.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

UW Extended Campus Online Courses

UWX AN100  INTRODUCTION TO ANTHROPOLOGY  3 Units
This course introduces you to basic principles and concepts of anthropology and its four subfields. Physical/Biological, Archaeology, Socio-Cultural and Linguistic. The goal of this course is to provide you with a better understanding of the differences and similarities that exist among human societies and cultures of which they are a part.

UWX AR175  WORLDS OF ART  3 Units
Introduction visual arts for the non-art major. This Ethnic Studies (ES) course will focus on art created by marginalized groups in the U.S. and their ethnic heritage. Multicultural perspectives will be explored; specifically the impact race, ethnicity, and gender identity have on artistic production, art criticism, art philosophies and aesthetics.

UWX BL101  CONCEPTS OF BIOLOGY  4 Units
An introduction to the fundamental principles of living organisms. Topics include cell structure and function, growth, basic physiological processes of living organisms, reproduction and inheritance, classification systems, evolution, and diversity of life.

UWX BU101  INTRODUCTION TO BUSINESS  3 Units
Introduction to Business provides a broad overview of the environment, principles, and functions of business. Students will gain an understanding of business terminology and practices essential for success in industry. Students will learn about functional areas of business such as economics, management, marketing, technology, accounting and finance.

UWX CH114  CHEMISTRY IN THE KITCHEN  4 Units
Explores the chemistry of food at a beginning level, including structure of molecules, interactions between molecules, and how foods change in the cooking process. Labs use kitchen materials, and include measurement, phase change, denaturation, extraction, and energy studies. Not a prerequisite for higher-level chemistry courses or pre-professional programs. NW, Lab Science.

UWX CH140  GENERAL CHEMISTRY I - LAB  1 Units
An introduction to chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state. This course is primarily designed for natural science, pre-health, and occupational and environmental safety majors needing two or more semesters of chemistry.
COREQ: UWX CH144

UWX CH144  GENERAL CHEMISTRY I - LECTURE  4 Units
An introduction to chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state. This course is primarily designed for natural science, pre-health, and occupational and environmental safety majors needing two or more semesters of chemistry.
PREREQ: GRADE OF C OR BETTER IN UWX MA093 OR PLACEMENT INTO UWX MA108 OR HIGHER

UWX CM101  INTRODUCTION TO PUBLIC SPEAKING  3 Units
This course offers communication experiences intended to improve students’ public speaking and listening skills across a broad spectrum of situations including intercultural communication, public communication, small group communication and interpersonal communication.
UWX CM213 INTERCULTURAL COMMUNICATION 3 Units
This course introduces students to the complex relationship between culture and communication. The role of communication and context (social, cultural, historical) in intercultural interactions is examined through multiple perspectives. In addition, issues surrounding theory development, such as ethical considerations and dialogues on opposing perspectives are examined.

UWX CS130 INTRODUCTION TO PROGRAMMING 3 Units
This course offers communication experiences intended to improve students’ public speaking and listening skills across a broad spectrum of situations including intercultural communication, public communication, small group communication and interpersonal communication.
PREREQ: UWX MA116

UWX EC203 MACROECONOMICS 3 Units
The emphasis of the course is on macroeconomics analysis and covers areas such as national income, commercial banking, business fluctuations, monetary and fiscal policies and international trade.
PREREQ: UWX MA093

UWX EN098 INTRODUCTION TO COLLEGE WRITING 3 Units
A composition course focusing on the conventions of academic writing, the composing process, critical thinking, and critical reading. Emphasis will be on reading and writing activities designed to prepare students for successful transition to college-level writing.

UWX EN101 COLLEGE WRITING AND CRITICAL READING 3 Units
A composition course focusing on academic writing, the writing process, and critical reading. Emphasis will be on essays that incorporate readings.
PREREQ: GRADE OF C OR BETTER IN UWX EN098 OR PLACEMENT INTO UWX EN101

UWX EN102 CRITICAL WRITING AND RESEARCH 3 Units
A composition course focusing on researched academic writing that presents information, ideas, and arguments. Emphasis will be on the writing process, critical thinking, and critical reading.
PREREQ: GRADE OF C OR BETTER IN UWX EN101 OR PLACEMENT INTO UWX EN102

UWX EN203 CREATIVE WRITING 3 Units
In this workshop-based course, students will read creative writing and produce their own original works. Students will share drafts of their work in process with peers, revise their work based on feedback, and write reflectively and analytically about their own processes and products.
PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

UWX EN210 BUSINESS COMMUNICATION 3 Units
This course teaches students to effectively communicate in a variety of business settings. Students write messages, reports, proposals, and other professional documents. Students also plan and present an oral report.

UWX EN250 INTRODUCTION TO LITERATURE 3 Units
An introduction to the discipline of literary studies through its fundamental approaches to reading, interpreting, and writing about a variety of texts, ranging from the classic to the contemporary with the goal of understanding, appreciating, and enjoying literature.
PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

UWX EN278 MULTICULTURAL LITERATURE IN THE UNITED STATES 3 Units
A study of literature written by, and expressing the perspectives of, writers from minority groups in the United States. The course includes readings by contemporary writers focusing on the experiences of African, Asian, Hispanic, and Native Americans through their essays, poetry, fiction, and drama. As an interdisciplinary course, the literature is read in the context of American history and culture.
PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

UWX ES105 INTRODUCTION TO ENVIRONMENTAL STUDIES Repeatable 3 Units
This course presents an overview of the interrelationships between humans and the environment. The material presented in the first one-third of the course focuses on important ecological concepts. The remainder of the course deals with human influence on the environment. Ecological concepts are used throughout to identify, understand, and provide a basis for proposing possible solutions to contemporary environmental problems.

UWX FN210 PERSONAL FINANCE 3 Units
Topics covered include reflection on personal priorities and values, identifying the social and environmental impacts of our consumer culture, consumerism, identifying important life and financial goals, principles of personal money management and financial planning, use of credit, budgets, insurance, buying a home, creating an estate, and providing for retirement.

UWX GE170 DISASTERS: LIVING ON THE EDGE 4 Units
Study of various environmental hazards, their causes, impacts on humans, and mitigations. Core topics are natural hazards (earthquakes, flooding, tornadoes, hurricanes), and anthropogenic hazards (climate change, nuclear hazards, overpopulation). Additional topics may be covered: coastal hazards, pollution, other atmospheric hazards, impacts from space, extinctions, biohazards, chemical hazards, and terrorism.

UWX GS101 INTRODUCTION TO GENDER, SEXUALITY, AND WOMEN'S STUDIES 3 Units
This course focuses on both historical and current ways in which women's lives are shaped by structures of power, and on analyzing how gender works in society and in our everyday lives. Topics include feminist theory, intersectional identity, the social construction of gender, and reproductive justice.

UWX HE209 NUTRITION AND WEIGHT MANAGEMENT 3 Units
Through the lens of the natural sciences, this course will examine the basic principles of nutrition, digestion, and metabolism. Students will interpret and analyze the effects of these principles on one's diet, weight, fitness level, and overall health. Students will reflect upon the conclusions drawn from the data, with the goal of integrating healthy behaviors into their personal lifestyle.

UWX HS102 US HISTORY SINCE 1877 3 Units
A survey of American political, economic, social, and intellectual history from the era of the Civil War to the present. This Ethnic Studies (ES) course thoroughly integrates the historical experiences and contributions of racial and ethnic minorities within US society, fostering an understanding and appreciation at least two groups.

UWX HS127 THE WORLD IN THE 20TH CENTURY 3 Units
The goal of this course is to develop an understanding of human history since 1900. In this endeavor, students will engage questions of what constitutes historical knowledge, how historical analysis and narratives are constructed, and to what purpose.
UWX MA091 ELEMENTARY ALGEBRA 3 Units
Elementary Algebra is intended for students with little or no previous algebra experience. Topics include the real number system, operations with real numbers and algebraic expressions, linear equations and inequalities, polynomials, factoring, graphing linear equations, and an introduction to quadratic equations. A grade of C or better in Elementary Algebra is required before advancing to Intermediate Algebra.
PREREQ: THERE IS NO PREREQUISITE FOR ELEMENTARY ALGEBRA. HOWEVER, A UW SYSTEM MATH PLACEMENT EXAM IS REQUIRED BEFORE REGISTERING FOR ANY MATH COURSE TO ENSURE THAT YOU ENROLL IN A COURSE THAT IS APPROPRIATE FOR YOU.

UWX MA093 INTERMEDIATE ALGEBRA 3 Units
Emphasizes algebraic techniques with polynomials, fractional expressions, exponents and radicals, linear and quadratic equations and inequalities. Introduction to functions, their graphs, and analytic geometry.
PREREQ: GRADE OF C OR BETTER IN UWX MA091 OR PLACEMENT INTO UWX MA093

UWX MA108 QUANTITATIVE REASONING 3 Units
Quantitative Reasoning is intended to develop analytic reasoning and the ability to solve quantitative problems. Topics to be covered include construction and interpretation of graphs, functional relationships, descriptive statistics, math of finance, and exponential growth. Appropriate use of units and dimensions, mathematical notation and available technology will be emphasized throughout the course.
PREREQ: GRADE OF C OR BETTER IN UWX MA091 OR PLACEMENT INTO UWX MA108

UWX MA113 TRIGONOMETRY 2 Units
Trigonometric functions, their basic properties and graphs, identities, inverse trigonometric functions, solving trigonometric equations, solutions of triangles.
PREREQ: GRADE OF C OR BETTER IN UWX MA116 OR PLACEMENT INTO UWX MA113

UWX MA116 COLLEGE ALGEBRA 3 Units
The study of the properties of elementary functions, such as polynomial, absolute value, piecewise, radical, rational, exponential, and logarithmic functions. Topics include equations, inequalities, functions, and their graphs. Students will formulate, analyze, solve, and interpret mathematical and real-world problems. This course is intended to provide algebra skills required for calculus.
PREREQ: GRADE OF C OR BETTER IN UWX MA093 OR PLACEMENT INTO UWX MA116

UWX MA117 ELEMENTARY STATISTICS 4 Units
An introduction to Statistics including the collection and analysis of data, descriptive statistics, both graphical and numerical, elementary probability, general and sampling distributions, and the fundamentals of statistical inference, including confidence intervals and hypothesis testing, simple regression, correlation, Chi-square goodness of fit and one-way ANOVA.
PREREQ: GRADE OF C OR BETTER IN (UWX MA093 OR UWX MA108) OR PLACEMENT INTO UWX MA116

UWX MA221 CALCULUS I 5 Units
Calculus I is based on the study of real valued functions of a single variable. The course topics include limits and continuity, derivatives, antiderivatives, definite integrals and Riemann sums. Applications of differentiation and integration are also covered.
PREREQ: GRADE OF C OR BETTER IN (UWX MA116 AND UWX MA113) OR PLACEMENT INTO UWX MA221

UWX MU278 ROCK AND ROLL ROOTS 3 Units
Rock and Roll evolved from blues, jazz, gospel, and several folk musical genres. This course reveals the connections between, and fusion of, these diverse musical styles and how they influenced the nearly 70 years of Rock and Roll history.

UWX PH121 CRITICAL THINKING 3 Units
Critical thinking is the process of identifying, analyzing, evaluating, and constructing reasoning in deciding what conclusions to draw or actions to take. This course will help you to master an approach to critical thinking that will allow you understand how others think and enable you to think more clearly.

UWX PL104 INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS 3 Units
Examines how the American political system works, with emphasis on the U.S. Constitution, civil and political rights, the party system, elections, and the structure, powers, and processes of Congress, the presidency, and the courts.

UWX PS101 GENERAL PSYCHOLOGY 3 Units
This introductory behavioral science course emphasizes the history of the field of psychology, research methods, the biological basis of behavior, human cognition, human development, social behavior, and mental health.

UWX PS250 LIFESPAN PSYCHOLOGY 3 Units
This course presents a survey of human development theories and research. Topics include the biological, cognitive, emotional, and social development of the individual from the prenatal period through old age.
PREREQ: GRADE OF C- OR BETTER IN UWX PS101

UWX RE101 INTRODUCTION TO RELIGION 3 Units
This course introduces a number of the world's major religious traditions (Hinduism, Buddhism, Confucianism, Christianity, Judaism, and Islam) as well as several ways of studying these religions (anthropology, psychology, sociology, phenomenology, and economic approaches).

UWX SC101 INTRODUCTION TO SOCIOLOGY 3 Units
Sociology as a special field of behavioral science, examines social relations, social organizations, and social systems through the study of process, structure, and function.

UWX SC231 CRIME AND CRIMINAL JUSTICE 3 Units
Examines the American systems of Criminal Law and Justice in socio-historical context. Presents the three branches of the Criminal Justice system (Law Enforcement, Courts, Corrections) and critiques them against the backdrop of five cultural philosophies of criminal justice. Explores how crime is defined and measured, and how social sciences theorize causes of crime and crime patterns.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS
UWX SP101 FIRST SEMESTER SPANISH 4 Units
This course is designed for students who have had little or no previous training in the language. The fundamentals of pronunciation and grammar are presented through reading, writing, speaking, and listening activities created to introduce students to both the Spanish language and the cultures of Spanish-speakers in the US and abroad.

UWX SS310 MEDIA LITERACY 3 Units
Media Literacy is designed to help students develop an informed, critical and practical understanding of the media and examines examples of media messages including entertainment, commercial and social media to critically evaluate the sources and target audiences.

Applied Arts and Sciences Requirements (BAAS)

Associate of Arts and Sciences Requirements (AAS)

Collaborative Online Associate of Arts and Sciences Requirements (AAS)
COLLEGE OF LETTERS AND SCIENCES

www.uww.edu/cls/ (http://www.uww.edu/cls/)

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Mission Statement
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.

Department Chairs
Biological Sciences
Kerry Katovich

Chemistry
John Ejnik

Computer Science
Hien Nguyen

Geography, Geology and Environmental Science
Margo Kleinfeld

History
Jennifer Thibodeaux

Languages and Literatures
Elena Levy-Navarro

Mathematics
Angela Harlan

Philosophy and Religious Studies
David Simmons

Physics
Steve Sahyun

Political Science
Jolly Emrey

Psychology
Carolyn Morgan

Social Work
Sarah Hessenauer

Sociology, Criminology and Anthropology
Paul Gregory

Women’s and Gender Studies
Ellie Schemenauer

Program Coordinators
Allied Health Foundations
Elizabeth Hachten

Environmental Science
Dale Splinter

Family, Health and Disability Studies
Akiko Yoshida

Film Studies
Donald Jellerson

Foreign Languages
Alicia de Gregorio

Individually Designed
Elizabeth Hachten

Integrated Science/Business
Hephzibah Kumpaty

International Studies
Jonathan Burkham

Japanese Studies
Akiko Yoshida

Liberal Studies
Tracy Hawkins

Middle Eastern Studies
Molly Patterson

Professional Writing and Publishing
Janine Tobeck

Public Health
Elizabeth Hachten

Public Policy and Administration
Jonah Ralston

Race and Ethnic Studies
Nengher Vang

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 U.S. Racial/Ethnic Diversity requirement with a University of Wisconsin-Whitewater 2.00 cumulative GPA. The General Education requirements are the same as those for baccalaureate degrees. Students do not need to complete GENED 390 but

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Associate of Arts Degree
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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. Effective spring 2017, Associate of Arts degree candidates may participate in the commencement ceremony. There is a graduation fee for the Associate of Arts degree. Students can apply for the Associate Degree online or in the Registrar's Office.

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Degree 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 3.50.

**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 UW-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 UW-Whitewater in the spring of 1967. Membership is open to students who have completed 12 or more units in history with at least a 3.10 grade point average in all history courses. Initiates must also have a 3.00 grade point average in two-thirds of all remaining courses.

**Pi Delta Phi** is a national 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 3.00 grade point average in French and a 3.00 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 3.00 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 UW-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 3.00 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 3.00 and a G.P.A. of at least 3.00 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 ENGLISH 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 Student Organizations

**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.
UW-Whitewater Geology Club is an organization open to any student interested in furthering the education and fellowship of students in the field of geology.

**Pre-Professional Curricula**

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<tr>
<th>Pre-Chiropractic</th>
<th>Steve Anderson, Chemistry</th>
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<td>Heather Pelzel, Biological Sciences</td>
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<tr>
<td>Pre-Engineering</td>
<td>Robert Benjamin, Physics</td>
</tr>
<tr>
<td>Pre-Law</td>
<td>Jolly Emrey, Political Science</td>
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<tr>
<td>Pre-Medicine</td>
<td>Peter Mesner, Biological Sciences</td>
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<tr>
<td>Pre-Optometry</td>
<td>Heather Pelzel, Biological Sciences</td>
</tr>
<tr>
<td>Pre-Pharmacy</td>
<td>Hephzibah Kumpaty, Chemistry</td>
</tr>
<tr>
<td>Pre-Physical Therapy</td>
<td>Daryle Waechter-Brulla, Biological Sciences</td>
</tr>
<tr>
<td>Pre-Veterinary</td>
<td>Ellen Davis, Biological Sciences</td>
</tr>
</tbody>
</table>

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 obtain 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 Assistant 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 advisor who is familiar with the requirements for admission to professional schools. If you have chosen a specific professional school, your advisor 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 advisor 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 advisor or the chair of the Physics Department for details). For the Chiropractic program, transfer articulation programs to Chiropractic schools also exist. (Contact the Chiropractic advisor 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 curricula available at UW-Whitewater please contact one of the advisors listed above.

**Individualized Opportunities Within The Curriculum**

262-472-1620

**Individually Designed Major**

Students with interdisciplinary academic interests or career goals that cannot be met through existing programs are invited to apply for an individually designed major. This individualized major permits an integration of the courses and programs offered by the University. You will work with an academic advisor to design an individualized program of study that must be approved by a faculty committee. For details and requirements of this major see Interdepartmental Majors and Minors. This major is coordinated by an Assistant Dean of the College of Letters and Sciences.

**Individually Designed Minor**

The individualized minor can help you meet educational goals which cannot be met by the conventional minor programs. With the help of your academic, you can plan your own minor consisting of courses in areas related to your goals. An Assistant Dean of the College of Letters and Sciences coordinates the program and approves individualized minor proposals. For details and requirements see Interdepartmental Majors and Minors.

**African American Studies Courses**

AFRIAMR 100 INTRODUCTION TO BLACK CULTURE  3 Units

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 AMERICAN HISTORY 3 Units
A critical examination and analysis of the status and role of Black Americans in the United States since 1865.
UNREQ: AFRIAMR 141 AND HISTRY 141

AFRIAMR 241 CIVIL RIGHTS HISTORY: TRAVELING FREEDOM'S MAIN LINE 3 Units
Explores the origins, history, and legacies of the Black civil rights movement (c. 1950s - 1970s) at many of the sites where this history was made (includes multi-state travel). Learning through place promotes an experiential understanding of this freedom struggle and how it changed the people who made it and the nation.
PREREQ: SOPHOMORE STANDING
CROSS-LISTED: HISTRY 241 AND AFRIAMR 241

AFRIAMR 261 AFRICAN-AMERICAN POLITICS 3 Units
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.
CROSS-LISTED: POLISCI 261 AND AFRIAMR 261

AFRIAMR 270 THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE 3 Units
This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people.
CROSS-LISTED: AFRIAMR 270 AND SOCIOLGY 270

AFRIAMR 321 A HISTORY OF BLACK MIGRATION IN THE U.S. 3 Units
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
CROSS-LISTED: AFRIAMR 321 AND HISTRY 321

AFRIAMR 345 AFRICAN-AMERICAN LITERATURE, 1800 TO THE PRESENT 3 Units
A survey of essays, prose, fiction, drama, and poetry written by African-Americans from the colonial period to the present.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: AFRIAMR 345 AND ENGLISH 345

AFRIAMR 365 BLACK POLITICAL AND SOCIAL THOUGHT 3 Units
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 217 OR POLISCI 217 OR POLISCI 250

AFRIAMR 397 CURRENT ISSUES IN BLACK STUDIES: HUMANITIES 3 Units
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 GOVERNMENT AND POLITICS OF AFRICA 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: AFRIAMR 461 AND POLISCI 461

AFRIAMR 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

AFRIAMR 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

AFRIAMR 494 SEMINAR Repeatable 3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques.

AFRIAMR 496 SPECIAL STUDIES Repeatable 2-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

AFRIAMR 498 INDEPENDENT STUDY Repeatable 2-3 Units
Study of a selected topic or topics under the direction of a faculty member.

American Indian Studies Courses

AMERIND 102 INTRODUCTION TO AMERICAN INDIAN STUDIES 3 Units
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.
CROSS-LISTED: AMERIND 102 AND HISTRY 102

AMERIND 305 NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL 3 Units
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: THREE CREDITS OF ANTHROPOLOGY OR SOCIOLOGY OR PERMISSION OF INSTRUCTOR
CROSS-LISTED: ANTHROPL 305 AND AMERIND 305

AMERIND 334 AMERICAN INDIAN LITERATURE 3 Units
This course explores contemporary writing and film by Native North American authors in relation to 1) ancient tribal traditions and languages; 2) the history of colonialism; 3) questions of cultural belonging and cultural appropriation; 4) the experiences of contemporary American Indians. Literary criticism and secondary sources introduce key issues in American Indian literary discourse and provide cultural and historical backgrounds.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: AMERIND 334 ENGLISH 334

AMERIND 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable a maximum of three times.
ANTHROPL 305   NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL  3 Units
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: THREE CREDITS OF ANTHROPOLOGY OR SOCIOLOGY OR PERMISSION OF INSTRUCTOR
CROSS-LISTED: ANTHROPL 305 AND AMERIND 305

ANTHROPL 316   PHARMACEUTICALS, CULTURE, AND SOCIETY  3 Units
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 Units
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 Units
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 STANDING
CROSS-LISTED: CRIMJUS 325 AND ANTHROPL 325

ANTHROPL 334   GENDER AND SEXUALITY IN CROSS CULTURAL PERSPECTIVE  3 Units
Anthropological approaches to the cross-cultural study of gender relations and sexuality with emphasis on societies of the non-Western world. Topics vary.
PREREQ: GENED 130 OR GENED 140 OR SOPHOMORE STANDING
CROSS-LISTED: ANTHROPL 334 AND WOMENST 334

ANTHROPL 350   CONTEMPORARY JAPANESE SOCIETY  3 Units
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
CROSS-LISTED: ASIANSTD 350 AND ANTHROPL 350

ANTHROPL 352   URBAN SOCIETY  3 Units
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 OR 3 UNITS OF ANTHROPOLOGY
CROSS-LISTED: SOCIOLOGY 352 AND ANTHROPL 352
ANTHROPL 355 MAYAS, AZTECS AND INCAS: PRECOLUMBIAN CIVILIZATIONS 3 Units
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 STATUS

ANTHROPL 367 ORIGINS OF GENDER 3 Units
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
CROSS-LISTED: ANTHROPL 367 AND WOMENST 367

ANTHROPL 420 ANTHROPOLOGICAL THEORY 3 Units
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 UNITS OF ANTHROPOLOGY OR 6 UNITS OF SOCIOLOGY
UNREQ: ANTHRO/SOCIO 420, SOCIOLOGY 473

ANTHROPL 425 ADVANCED FORENSIC ANTHROPOLOGY: BIOARCHAEOLOGY, TRAUMA & PATHOLOGY 3 Units
The course is a practicum in forensic anthropology. Student 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. They will produce a forensic report and present it in a mock court situation.
PREREQ: CRIMJUS 325
CROSS-LISTED: CRIMJUS 425 AND ANTHROPL 425

ANTHROPL 482 SUPERVISED TEACHING AIDE Repeatable 2 Units
This course provides selected undergraduates with teaching experience in a college classroom. Students learn from a teaching aide experience in which the student assists an instructor in preparing, delivering, and overseeing lab, review or discussion sessions or by tutoring students. The student will attend the class sessions for a second time, meet weekly with the instructor, and is under the direct supervision of a faculty mentor.
PREREQ: JUNIOR STANDING, CONSENT OF INSTRUCTOR, AND GRADE OF B OR HIGHER IN ASSIGNED COURSE
CROSS-LISTED: ANTHROPL 482 AND SOCIOLOGY 482

ANTHROPL 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad

ANTHROPL 492 FIELD STUDY Repeatable 1-6 Units
Variable Topics

ANTHROPL 493 INTERNSHIP IN ANTHROPOLOGY Repeatable 1-12 Units
Supervised internship.
PREREQ: 6 CREDITS OF ANTHROPOLOGY AND DEPARTMENT CONSENT

ANTHROPL 494 ANTHROPOLOGY SEMINAR Repeatable 3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

ANTHROPL 496 SPECIAL STUDIES IN ANTHROPOLOGY Repeatable 3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.
PREREQ: SIX CREDITS IN ANTHROPOLOGY OR CONSENT OF INSTRUCTOR

ANTHROPL 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

ANTHROPL 498 INDEPENDENT STUDY IN ANTHROPOLOGY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

ANTHROPL 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Arabic Courses

ARABIC 141 BEGINNING ARABIC I 4 Units
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 4 Units
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 4 Units
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 4 Units
This fourth semester Arabic course will continue to enhance the Arabic linguistic skills and the knowledge of cultures of Arabic-speaking peoples begin in Intermediate Arabic I.
PREREQ: ARABIC 251

ARABIC 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ’hands on’ and participatory instructional techniques. Repeatable

ARABIC 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

ARABIC 493 INTERNSHIP IN ARABIC Repeatable 1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.
ARABIC 494  SEMINAR  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

ARABIC 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

ARABIC 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable.

ARABIC 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

Asian American Studies Courses

ASIANAM 261  SOUTHEAST ASIA SINCE 1800 - TENSIONS OF DEVELOPMENT  3 Units
Southeast Asia is a region that today consists of eleven nations. The course is intended to provide a general introduction to Southeast Asia to have a better understanding about the historical events that gave the region its own regional identity and its deep implication to the changes of global system in the nineteenth and twentieth centuries.

ASIANAM 308  HMONG AMERICANS: HISTORICAL AND CONTEMPORARY ISSUES  3 Units
This course focuses on the history, culture, and contemporary life of Hmong Americans. In addition to exploring their origins and history in China and Southeast Asia, this course investigates the ways in which race, class, gender, and sexuality have shaped the social, cultural, economic, and political transformations in the Hmong communities since their immigration to America after the Vietnam War.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: HISTRY 308 ASIANAM 308

ASIANAM 310  ASIAN AMERICAN HISTORY, 1850-PRESENT  3 Units
This course surveys Asian American history from 1850 to the present. It explores the changing experiences of Asian immigrants and Asian Americans within the larger context of immigration and race relations in American history, and it focuses on contemporary issues facing Asian Americans and how Asian Americans are changing the United States.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

ASIANAM 335  ASIAN AMERICAN LITERATURE  3 Units
This course examines the rich and varied literatures produced by U.S. writers of Asian descent. It considers the complex ways in which 1) history, 2) socioeconomic structures, 3) group and individual experiences, 4) cultural values and traditions, and 5) collisions and collaborations with other cultural groups in the U.S. come together to (re)shape Asian American identity and literary contributions.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: ENGLISH 335 ASIANAM 335

ASIANAM 408  TOPICS IN ASIAN AMERICAN STUDIES  Repeatable  3 Units
This variable topics course will cover issues critical to the Asian American experience. The topic and disciplinary approach will vary. A substantial semester project will be developed by students and presented formally. Students may repeat the course up to 6 credits but may not repeat the specific course topic.
PREREQ: COMPLETION OF THE DIVERSITY REQUIREMENT OR CONSENT OF INSTRUCTOR

Asian Studies Courses

ASIANSTD 111  INTRODUCTION TO ASIAN RELIGIONS  3 Units
An introduction to the major religious traditions in the cultural areas of South, Southeast, and East Asia: Hinduism, Buddhism, Jainism, Taoism, Confucianism, and Shinto.
CROSS-LISTED: RELIGST 111 AND ASIANSTD 111

ASIANSTD 130  EAST ASIAN TRADITION  3 Units
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.
CROSS-LISTED: HISTRY 130 AND ASIANSTD 130

ASIANSTD 131  EAST ASIA SINCE 1800  3 Units
A survey of China, Korea and Japan in the nineteenth and twentieth centuries centering on the process of modernization in these countries.
CROSS-LISTED: HISTRY 131 AND ASIANSTD 131

ASIANSTD 210  INTRODUCTION TO ASIAN STUDIES  3 Units
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 232  BUDDHISM: THE MIDDLE WAY  3 Units
This course introduces the wide range of Buddhist ideas and practices that have developed in Asia. It considers the social context in which Buddhism developed, the philosophical bases of all Buddhist schools, the development of the Mahayana, Buddhist Tantra, and Buddhist practices in South, Southeast and East Asia.
CROSS-LISTED: RELIGST 232 AND ASIANSTD 232

ASIANSTD 303  ASIAN RELIGIOUS THOUGHT  3 Units
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 INSTRUCTOR
CROSS-LISTED: RELIGST 303 AND ASIANSTD 303

ASIANSTD 323  ASIAN LITERATURES  3 Units
This course is an introduction to the literary and cultural tradition of three Asian civilizations: China, India, and Japan. Students will read a selection of classical and modern works from various genres in the three national literatures. The literary texts will be discussed in their cultural and historical contexts.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 323 / ASIANSTD 323
ASIANSTD 333  JAPANESE LITERATURE  3 Units
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 105 OR ENGLISH 162
CROSS-LISTED: ENGLISH 333 AND ASIANSTD 333

ASIANSTD 347  GENDER AND FAMILY IN JAPAN  3 Units
This course will examine forms of masculinity, femininity, sexuality, and family in contemporary Japan, and their historical development. Students will learn how gender, sexuality, and family are historically and socially constructed, how they are recreated through social interaction, how power inequalities are embedded in gender and family relations, how these inequalities impact individuals (and vice versa).
PREREQ: 3 UNITS OF SOCIOLOGY OR 3 UNITS OF ANTHROPOLOGY OR WOMENST 100 OR JAPANESE 101 OR CONSENT OF INSTRUCTOR

ASIANSTD 350  CONTEMPORARY JAPANESE SOCIETY  3 Units
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
CROSS-LISTED: ASIANSTD 350 AND ANTHROPOLOGY 350

ASIANSTD 358  CONTEMPORARY CHINESE SOCIETY  3 Units
This course is an overview of post-Mao Chinese society. It focuses on the institutional, demographic, cultural, economic, and political transformation in China since 1978. Included are changes in rural and urban social life, mass migration, changing family and gender relations, social and economic inequalities, ethnic and regional diversity, and rising social tensions.
PREREQ: 3 UNITS SOCIOLOGY OR ASIANSTD 210 OR GEOGRPY 364 OR HISTRY 385 OR POLISCI 472
CROSS-LISTED: SOCIOLOGY 358 AND ASIANSTD 358

ASIANSTD 361  GEOGRAPHY OF SOUTH AND SOUTHEAST ASIA  3 Units
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: GEOGRPY 361 AND ASIANSTD 361

ASIANSTD 364  GEOGRAPHY OF EAST ASIA  3 Units
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: GEOGRPY 365 AND ASIANSTD 364

ASIANSTD 385  MODERN CHINA  3 Units
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
CROSS-LISTED: HISTRY 385 AND ASIANSTD 385

ASIANSTD 386  MODERN JAPAN  3 Units
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
CROSS-LISTED: HISTRY 386 AND ASIANSTD 386

ASIANSTD 460  GOVERNMENT AND POLITICS OF ASIA  3 Units
A comparative study of the political structures, institutions, and processes of the nations of Asia.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 460 AND ASIANSTD 460

ASIANSTD 472  GOVERNMENT AND POLITICS IN CHINA  3 Units
This course exposes students to the breadth of Chinese government and politics. It briefly overviews the traditional Chinese system, its breakdown, and the rise of communism. It also overviews a more detailed treatment of the characteristics and major events of the communist era.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 472 AND ASIANSTD 472

ASIANSTD 480  GOVERNMENT AND POLITICS OF JAPAN  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 480 AND ASIANSTD 480

ASIANSTD 488  TOPICS IN JAPANESE STUDIES  Repeatable  3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

ASIANSTD 490  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing hands on and participatory instructional techniques. Repeatable

ASIANSTD 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

ASIANSTD 492  FIELD STUDY  Repeatable  1-12 Units
Variable topics.

ASIANSTD 493  INTERNSHIP IN JAPANESE CULTURE  Repeatable  3-12 Units
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.
PREREQ: SOPHOMORE STANDING AND COMM 424 (FORMERLY SPEECH 424) OR JAPANESE 101 AND CONSENT OF ASIAN STUDIES COORDINATOR

ASIANSTD 494  SEMINAR  Repeatable  1-3 Units
Variable topics. 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 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

ASIANSTD 497 EXCHANGE STUDY Repeatable 1-18 Units
Variable topics.

ASIANSTD 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

ASIANSTD 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

ASIANSTD 499 SENIOR THESIS 3 Units
Individual research under the supervision of a member of the faculty.

American Sign Language Courses

ASL 141 BEGINNING AMERICAN SIGN LANGUAGE I 4 Units
This course focuses on the acquisition of American Sign Language (ASL) conversational skills. Students will learn conversational language and visual gestural strategies to promote ASL fluency. Grammatical principles and functions are emphasized, as well as appropriate cultural behaviors and conversational regulators in ASL. Students are also introduced to Deaf history and culture.

ASL 142 BEGINNING AMERICAN SIGN LANGUAGE II 4 Units
This course focuses on the acquisition of American Sign Language (ASL) conversational skills and builds on the foundation laid in ASL 141. Students will continue to learn conversational language and visual gestural strategies to promote ASL fluency. Grammatical principles and functions; appropriate cultural behaviors and conversational regulators; and Deaf history and culture are emphasized.

PREREQ: GRADE OF C OR BETTER IN ASL 141 OR CONSENT OF INSTRUCTOR

ASL 251 INTERMEDIATE AMERICAN SIGN LANGUAGE I 4 Units
This course focuses on the development of proficiency of American Sign Language (ASL) at the intermediate level. Students will learn conversational language and visual gestural strategies to develop further ASL fluency. Grammatical principles and functions are emphasized, as well as appropriate cultural behaviors and conversational regulators in ASL. Students continue developing their knowledge of Deaf history and culture.

PREREQ: C OR BETTER IN ASL 142 OR CONSENT OF INSTRUCTOR

ASL 296 SPECIAL STUDIES Repeatable 1-5 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable only with change of topic.

ASL 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Astronomy Courses

ASTRONOMY 101 EXPLORING THE UNIVERSE 3 Units
A non-laboratory course that introduces the basic concepts of astronomy, including cultural and historical considerations. Study of the universe, galaxies, stars are among the topics to be covered. One observation night may be required (unless the course is offered online).

PREREQ: MATH 139 OR MATH 141 OR WAIVER UNREQ: ASTRONOMY 112

ASTRONOMY 112 INTRODUCTION TO ASTRONOMY 5 Units
An examination of concepts regarding the organization and structure of the universe. Laws that govern the universe, stellar evolution, galaxies and structure of a solar system are among topics covered. In addition to labs, there are one/two required evening observations sessions during the semester (none for online).

PREREQ: MATH 139 OR MATH 141 OR WAIVER UNREQ: ASTRONOMY 101

ASTRONOMY 490 ASTRONOMY WORKSHOP Repeatable 1-5 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable. Instructor Consent required.

ASTRONOMY 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Department Consent required.

ASTRONOMY 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

ASTRONOMY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

Biological Sciences Courses

BIOLOGY 120 BIOLOGICAL FOUNDATIONS 4 Units
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 humans and their biological environment. Not applicable to biology emphases or minors. Three lectures and two hours of laboratory per week.

PREREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

BIOLOGY 141 INTRODUCTORY BIOLOGY I 5 Units
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.

PREREQ: MATH 141 WITH A GRADE OF C OR BETTER OR WAIVER.

BIOLOGY 142 INTRODUCTORY BIOLOGY II 5 Units
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 AND MATH 141 BOTH WITH A GRADE OF C OR BETTER

BIOLOGY 180 SEX, GENDER, AND HEALTH 3 Units
This course explores the reproductive and sexual functions of human bodies, as well as the scientific and social influences on those bodies. By examining sex, reproduction, and aging, this course uses intersectional lenses to explore uneven access to sexual health resources and reproductive justice across cultures, ultimately demonstrating the achievements and limitations of women's health movements in the recent past.

CROSS-LISTED: WOMENST/BIOLOGY 180
BIOLOGY 190  BIOLOGY FORUM  1 Units
Lectures on current research and career opportunities in biology through invited speakers. Additional topics include preparation and planning for graduation, Resume development and interview skills. Required of Biology majors. Offered on a satisfactory/no credit basis every semester. PREREQ: BIOLOGY 142 WITH A GRADE OF C OR BETTER. COURSE RESTRICTED TO BIOLOGY MAJORS AND MINORS.

BIOLOGY 200  WRITING IN BIOLOGY  3 Units
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 BIOLOGY 142 ALL WITH A GRADE OF C OR BETTER

BIOLOGY 214  ECOLOGY AND SOCIETY  3 Units
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.

BIOLOGY 220  INTRODUCTION TO EPIEDEMILOGY  3 Units
Introduction to basic principles of tracking changes in health indicators and problems in modern society. We will cover both current and historical cases to learn techniques of gathering information, analysis, and application. Problems will include infectious diseases, environmental problems, and other areas of concern in population health.
PREREQ: MATH 139 OR MATH 141 OR WAIVER
CROSS-LISTED: BIOLOGY 220/PUBHLTH 220

BIOLOGY 225  SCIENCE OF FORENSIC ANALYSIS  4 Units
An introduction to the scientific foundation of techniques used for criminal investigation.
PREREQ: MATH 141 OR MATH 139, AND TWO UNIVERSITY LEVEL LAB SCIENCE COURSES.

BIOLOGY 250  ECO & GEOLGY OF YELLOWSTONE NATL. PARK & UPPER GREAT PLAINS  4 Units
An interdisciplinary science course with travel to Yellowstone National Park (YNP) and other sites. On-line work will introduce ecology, geology and the natural history of the travel sites. Labs and fieldwork will be conducted outside of YNP. Students with disabilities may be accommodated. Biology or Geology/Geography majors take Bio/Geo 451 or see Department Chair. Summers only. Additional fees apply.
COREQ: MATH 139 OR MATH 140 OR MATH 141
CROSS-LISTED: BIOLOGY 250 AND GEOLOGY 250

BIOLOGY 251  INTRODUCTION TO GENETICS  4 Units
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 semester.
PREREQ: BIOLOGY 141, BIOLOGY 142, MATH 141 AND CHEM 102, ALL WITH A GRADE OF C OR BETTER

BIOLOGY 253  INTRODUCTION TO CELL BIOLOGY  3 Units
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 semester.
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 Units
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 Units
A survey of ecosystems and animal and plant populations and communities. Topics include review of the Earth’s major biomes and the physical factors that influence them, the ecology and evolution of populations, the nature of biotic communities, the structure and function of ecosystems, and the status and protection of biodiversity. Three hours of lecture per week. Optional field trip. Offered every semester.
PREREQ: BIOLOGY 141 AND BIOLOGY 142 WITH A GRADE OF C OR BETTER; UNREQ: BIOLOGY 214

BIOLOGY 258  ECOLOGICAL FIELD METHODS  2 Units
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 BIOLOGY 142 WITH A GRADE OF "C" OR BETTER; COREQ: BIOLOGY 257

BIOLOGY 301  INTRODUCTION TO BEHAVIORAL NEUROSCIENCE  3 Units
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 CREDITS IN BIOLOGY
CROSS-LISTED: PSYCH 301 AND BIOLOGY 301

BIOLOGY 303  BIOSTATISTICS  4 Units
Students will learn fundamentals of hypothesis formation and testing, using a variety of univariate statistical methods. Consideration of experimental design and the evaluation of research methodologies published in the biological literature are explored in detail. Students will gain practical experience with implementation of statistical analyses using real world datasets and communicating these results effectively.
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 Units
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, CHEM 104 WITH A GRADE OF C OR BETTER; COREQ: CHEM 251 (RECOMMENDED ONLY)
**BIOLOGY 315**  **BIRDING IN SOUTHERN WISCONSIN**  2 Units
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 AND C OR BETTER IN A PREVIOUS GL COURSE

**BIOLOGY 340**  **COMPARATIVE VERTEBRATE ANATOMY**  4 Units
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 OR EQUIVALENTS

**BIOLOGY 341**  **DEVELOPMENTAL BIOLOGY**  4 Units
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 Units
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

**BIOLOGY 350**  **WINTER ECOLOGY & NATURAL HISTORY OF YELLOWSTONE NATIONAL PARK**  2 Units
A field course in Yellowstone National Park (YNP), exploring winter ecology, organisms' behavioral and physiological adaptations and abiotic parameters of winter. We'll also examine the natural history of YNP and locations en route. There is preparatory on-line work and lectures and labs in YNP. Students with disabilities may be accommodated.
PREREQ: BIOLOGY 120 OR BIOLOGY 141 OR CONSENT OF INSTRUCTOR

**BIOLOGY 351**  **THE PLANT KINGDOM**  4 Units
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**  4 Units
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 CONSENT OF INSTRUCTOR

**BIOLOGY 354**  **FIELD BOTANY**  3 Units
A study of the identification and ecology of flowering plants, conifers and ferns. Emphasis will be given to the plants and plant communities in the vicinity of the course location. A collection of local plants is required of all students. Field trips required. Summer session only.
PREREQ: BIOLOGY 141 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

**BIOLOGY 357**  **CONSERVATION BIOLOGY**  3 Units
This course explores the conceptual foundations of conservation biology. We will study the primary threats to biodiversity, and pay particular attention to issues of habitat degradation and loss, overexploitation, species invasions, and climate change. We will learn and apply skills, tools, and biological principles that are used by conservation biologists to study, track, manage, and mitigate environmental threats.
PREREQ: BIOLOGY 257 OR CONSENT OF INSTRUCTOR

**BIOLOGY 361**  **HUMAN ANATOMY AND PHYSIOLOGY I**  4 Units
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 WITH A GRADE OF C OR BETTER OR BIOLOGY 141 AND BIOLOGY 142 WITH A GRADE OF C OR BETTER OR CONSENT OF INSTRUCTOR

**BIOLOGY 362**  **HUMAN ANATOMY AND PHYSIOLOGY II**  4 Units
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, 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 Units
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 Units
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, BIOLOGY 253, AND BIOLOGY 254 WITH A GRADE OF C OR BETTER. COREQ: BIOLOGY 363 AND CHEM 251

**BIOLOGY 370**  **AQUATIC BIOLOGY**  4 Units
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

**BIOLOGY 375**  **INVERTEBRATE ZOOLOGY**  4 Units
A comprehensive study of the morphology, physiology, ecology and significance of the major groups of invertebrate animals. Six 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**  Repeatable  0.5 Units
Lecturer on current research and career opportunities in biology through the colloquium format. Required of Biology majors offered on a satisfactory/no credit basis every semester. May not be taken concurrently with Senior Biology Colloquium.
PREREQ: BIOLOGY 141, BIOLOGY 142 AND SOPHOMORE STATUS
BIOLOGY 400  SENIOR BIOLOGY COLLOQUIUM  0.5 Units
Continuation of Biological Sciences 630-390. 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 semester. May not be taken concurrently with BIOLOGY 390.
PREREQ: BIOLOGY 141, BIOLOGY 142, BIOLOGY 390 AND SENIOR STATUS

BIOLOGY 412 IMMUNOLOGY  4 Units
Study of the function of cells and tissues of the vertebrate immune system. Topics include biology of critical molecules and cells, principles of innate, acquired, and adaptive immunity; immunogenetics, allergy, inflammation, autoimmunity, vaccines, and transplantation. The lab provides experience with modern serological and immunological laboratory techniques and instrumentation. Three hours of lecture and three hours of laboratory per week.
PREREQ: BIOLOGY 251 AND BIOLOGY 253 WITH A GRADE OF C OR BETTER OR EQUIVALENTS

BIOLOGY 416 ADVANCED AND MULTIVARIATE DATA ANALYSIS FOR THE LIFE SCIENCES  3 Units
An introduction to multifactorial and multivariate data analyses commonly used in life sciences such as psychology and biology. Analyses include analysis of variance and covariance, multiple analysis of variance and covariance, multiple regression, foundations of structural equation modeling (path analysis and latent factor analysis), discriminant analysis and logistic regression.
PREREQ: PSYCH 215 OR BIOLOGY 303 OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

BIOLOGY 421 BIOLOGICAL NANOTECHNOLOGY  3 Units
This course is a study of the theory, methods, instrumentation, and applications of biological nanotechnology. Emphasis is also placed on communicating scientific findings and the role that biological nanotechnology plays in the biomedical and environmental sciences.
PREREQ: BIOLOGY 251 WITH A GRADE OF C OR BETTER

BIOLOGY 425 APPLICATIONS OF CELLULAR BIOLOGY  3 Units
This course helps students build on and integrate the knowledge they have gained in Introductory Biology and Introduction to Cell Biology through reading and analysis of primary scientific literature. The course is organized such that students work in small groups to analyze a series of research papers to explore how a scientific research plan changes in response to new data.
PREREQ: BIOLOGY 253 WITH A GRADE OF C OR BETTER

BIOLOGY 430 ANIMAL BEHAVIOR  4 Units
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 Units
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 A GRADE OF C OR BETTER

BIOLOGY 446 ORGANIC EVOLUTION  4 Units
History of evolutionary thought, evidences of evolution and analysis of evolutionary mechanisms and processes.
PREREQ: BIOLOGY 251 WITH A GRADE OF C OR BETTER AND EITHER (BIOLOGY 303, PSYCH 215, MATH 230, OR MATH 342) WITH A GRADE OF C OR BETTER.

BIOLOGY 448 BIOINFORMATICS  3 Units
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 WITH A GRADE OF C OR BETTER AND ONE OF THE FOLLOWING WITH A GRADE OF C OR BETTER: BIOLOGY 303, PSYCH 215, MATH 230, OR MATH 342
CROSS-LISTED: BIOLOGY 448 AND COMPSCI 448

BIOLOGY 450 INTRODUCTORY ENTOMOLOGY  4 Units
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. Offered in the fall semester.
PREREQ: GRADE OF C OR BETTER IN BOTH BIOLOGY 141 BIOLOGY 142

BIOLOGY 451 NATURAL HISTORY OF YELLOWSTONE NP AND THE UPPER GREAT PLAINS  3 Units
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 Units
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 AND BIOLOGY 251 AND BIOLOGY 253 AND CHEM 251 OR CHEM 454 AND CHEM 251
CROSS-LISTED: CHEM 456 AND BIOLOGY 456

BIOLOGY 457 WILDLIFE ECOLOGY  4 Units
Covers advanced ecological concepts related to wildlife. Topics include individual ecological needs, population biology, species interactions, and community-level impacts. In-depth look at quantitative and analytical aspects. Students will gain experiences in the application of concepts and methodologies in real-world settings, and learn more about analytical aspects of wildlife ecology. Provides the groundwork necessary for advanced studies or ecological research.
PREREQ: A GRADE OF C OR BETTER IN ALL OF THE FOLLOWING: BIOLOGY 251; BIOLOGY 257; BIOLOGY 258; BIOLOGY 303 OR PSYCH 215
BIOLOGY 498 RESEARCH IN BIOCHEMISTRY 2 Units
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 456/CHB 456
CROSS-LISTED: CHEM 458 AND BIOLOGY 458

BIOLOGY 499 COMMUNITY ECOLOGY 4 Units
Upper level ecology course which takes quantitative approaches to learning how organisms interact in communities and their natural ecosystems. This class concentrates on defining communities and exploring how different communities are maintained and/or modified with changing conditions. Topics include: community metrics, niche theory, organism interactions (competition, predator-prey relationships, mutualism, and commensalism), food web ecology, spatial ecology, and succession.
PREREQ: BIOLOGY 257 AND BIOLOGY 258 (BIOLOGY 303 OR PSYCH 215), ALL WITH A GRADE OF C OR BETTER

BIOLOGY 500 WORKSHOP Repeatable 1-3 Units
This course provides teaching experience at the college level for undergraduate students. Undergraduate 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.

BIOLOGY 501 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led field courses.

BIOLOGY 502 LABORATORY TEACHING EXPERIENCE Repeatable 1 Units
This course provides teaching experience at the college level for undergraduate students. Undergraduate 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.
PREREQ: CONSENT OF INSTRUCTOR

BIOLOGY 503 INTERNSHIP IN BIOLOGY Repeatable 1-12 Units
Variable topics.

BIOLOGY 504 SEMINAR Repeatable 1 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable two times for a maximum of 2 credits in degree.
PREREQ: 16 HRS OF BIOLOGY INCLUDING BIOLOGY 141 AND BIOLOGY 142

BIOLOGY 505 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in major.

BIOLOGY 506 EXCHANGE STUDY Repeatable 1-99 Units
Variable topics.

BIOLOGY 507L EXCHANGE STUDY (GL) Repeatable 72 Units

BIOLOGY 508 INDEPENDENT STUDY Repeatable 1-3 Units
Typical projects may include helping researchers in conducting research projects or helping instructors develop pedagogical tools for their courses. Eligible students who are conducting their own research projects should enroll in Biology 498R. Repeatable for a maximum of 6 credits in major and degree or 2 units in the minor.
PREREQ: BIOLOGY 141, BIOLOGY 142 AND A 2.0 GRADE POINT AVERAGE IN BIOLOGY

BIOLOGY 509 INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Students will complete and present an undergraduate research project under the direction of a faculty mentor. Projects may require more than one semester to complete. Repeatable for a maximum of 6 units in major and degree or 2 in the minor.
PREREQ: BIOLOGY 141 AND BIOLOGY 142 AND 2.75 GPA IN BIOLOGY.

BIOLOGY 510 BIOLOGY THESIS Repeatable 2-3 Units
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 STATUS

Chemistry Courses

CHEM 100 EVERYDAY CHEMISTRY 4 Units
A terminal course covering the basic concepts of chemistry and how they relate to our everyday lives. Chemistry concepts are covered at the particulate level and then connected to our macroscopic world. The lab provides deeper exploration and hands-on experiments. This course meets the General Education GL requirement and is designed primarily for non-natural science majors.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER; REQUIREMENT MAY BE COMPLETED PRIOR TO ENROLLMENT.

CHEM 102 GENERAL CHEMISTRY I 5 Units
An introduction to chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state. This course is primarily designed for natural science, pre-health, and occupational and environmental safety majors needing two or more semesters of chemistry.
PREREQ: A GRADE OF C OR HIGHER IN MATH 139 OR MATH 141 OR MATH 142 OR WAIVER. MATH 142 MAY BE TAKEN CONCURRENTLY.

CHEM 104 GENERAL CHEMISTRY II 5 Units
This course, along with CHEM 102, forms the foundation of further chemistry studies. The topics covered include intermolecular forces, solutions, colligative properties, kinetics, equilibrium, acid-base theory and equilibria, thermodynamics, electrochemistry, and nuclear chemistry.
PREREQ: CHEM 102 WITH A C OR BETTER AND MATH 142 WITH A C OR BETTER

CHEM 112 CHEMISTRY FOR OCCUPATIONAL AND ENVIRONMENTAL APPLICATIONS 3 Units
This course will explore the bonding, structure, properties and reactivity of the main classes of organic compounds focusing on acid/base, redox, and radical reactions. The safety concerns of these reactions will be discussed and predicted by using chemical information found in online and text sources.
PREREQ: CHEM 102
CHEM 150  SCIENCE AND TECHNOLOGY IN SOCIETY  3 Units
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 139 OR MATH 140 OR MATH 141

CHEM 184  INTRODUCTION TO CHEMISTRY  1 Units
An introduction to career tracks and career opportunities in chemistry. This course will feature readings on different career possibilities in chemistry and visiting lectures by practicing chemists. Professional skills, identification of career tracks, and scientific and technical communication will be emphasized. One hour lecture per week.
PREREQ: DECLARED CHEMISTRY MAJOR OR PERMISSION OF INSTRUCTOR

CHEM 251  ORGANIC CHEMISTRY  3 Units
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 Units
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 260  INORGANIC CHEMISTRY  4 Units
CHEM 260 is an introduction to inorganic chemistry with emphasis on descriptive chemistry, bonding theories, acid-based theories, coordination chemistry and solid state chemistry.
PREREQ: CHEM 104

CHEM 261  ORGANIC CHEMISTRY LABORATORY  2 Units
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 Units
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 AND CHEM 252 OR COREQ: CHEM 252

CHEM 270  INTRODUCTION TO GREEN CHEMISTRY  3 Units
A lecture course covering the principles and common methods of green chemistry. Topics will include: atom economy, reduction of amount and toxicity of waste from chemical processes, reduction of energy use in chemical processes, assuring safety in chemical processes.
PREREQ: CHEM 251 OR CHEM 112

CHEM 271  GREEN CHEMISTRY LABORATORY  1 Units
The principles of green chemistry will be illustrated in this lab course. Topics will include atom economy, reduction of quantity and toxicity of waste, alternative solvents, renewable feedstocks, catalysts, and reaction monitoring.
COREQ: CHEM 270

CHEM 298R  INTRODUCTION TO UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Undergraduate research experience related to chemistry for Freshman or Sophomores. Study of selected topic or topics under the direct supervision of a faculty member. Repeatable up to 4 times for a maximum of 6 credits. Credits in this course may not be used to fulfill minor or major requirements in chemistry.
COREQ: CHEM 102

CHEM 352  QUANTITATIVE ANALYSIS  5 Units
An introduction to volumetric, gravimetric and photometric techniques and fundamental methods of instrumental analysis. Three one-hour lectures and four hours of laboratory per week.
PREREQ: CHEM 104

CHEM 370  PHYSICAL CHEMISTRY  3 Units
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 PHYSCS 181 OR PHYSCS 141

CHEM 371  PHYSICAL CHEMISTRY  3 Units
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 house of lecture weekly. (Spring only)
PREREQ: CHEM 352, COREQ MATH 254 AND PHYSCS 181 OR PHYSCS 141

CHEM 454  BIOCHEMISTRY OF MACROMOLECULES  3 Units
The chemistry of the major compounds of living organisms, e.g., proteins, carbohydrates, lipids and nucleic acids, is 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  ADVANCED ORGANIC CHEMISTRY  3 Units
Lectures on advanced topics in organic chemistry. (Fall only)
PREREQ: CHEM 252

CHEM 456  BIOCHEMISTRY OF METABOLISM AND SIGNALING  3 Units
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 AND BIOLOGY 251 AND BIOLOGY 253 AND CHEM 251 OR CHEM 454 AND CHEM 251 CROSS-LISTED: CHEM 456 AND BIOLOGY 456

CHEM 458  RESEARCH IN BIOCHEMISTRY  2 Units
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 456/ CHEM 456
CROSS-LISTED: CHEM 458 AND BIOLOGY 458
CHEM 460  ADVANCED INORGANIC CHEMISTRY  4 Units
A lecture course that continues CHEM 260: Introduction to Inorganic Chemistry. More detailed study of group theory, molecular orbital theory, and coordination chemistry. Advanced topics may include organometallic chemistry, bioinorganic chemistry and the application of inorganic chemistry to the environment.
PREREQ: CHEM 252, CHEM 260, CHEM 261 AND CHEM 352 AND COREQ: CHEM 370 OR CONSENT OF INSTRUCTOR

CHEM 470  EXPERIMENTAL PHYSICAL CHEMISTRY  1 Units
A laboratory course in experimental physical chemistry. Experiments from various areas of physical chemistry will be performed. Three hours of laboratory per week. (Fall only)
COREQ: CHEM 370

CHEM 471  EXPERIMENTAL PHYSICAL CHEMISTRY  1 Units
Hands on experience with some experimental techniques of physical chemistry. Three hours of laboratory per week. (Spring only)
COREQ: CHEM 371

CHEM 480  INSTRUMENTAL METHODS OF ANALYSIS  4 Units
A survey of optical and electrometric determinations, separation methods and basic instrumentation as applied to chemical analysis. Three one-hour lectures and one three-hour laboratory period per week.
PREREQ: CHEM 252 AND CHEM 352

CHEM 481  INSTRUMENTAL DESIGN AND MAINTENANCE  1 Units
A laboratory course that provides hands-on experience in performing preventative maintenance on instrumentation. Students will study instrumental designs and gain troubleshooting skills. Laboratory instruments covered in this course include balances, IR, GC, GCMS, HPLC, AA, ICP, CVAFS, FS, NMR and UV-VIS.
PREREQ: CHEM 252 AND CHEM 352

CHEM 484  TOPICS IN CHEMISTRY  1 Units
A course where students will use chemical and scientific literature, be introduced to the seminar concept, and participate in the study 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: DECLARED CHEMISTRY MAJOR COREQ: CHEM 370 OR CHEM 371

CHEM 488  SENIOR HONORS THESIS  Repeatable  1 Units
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  WORKSHOP  Repeatable  1-4 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques.

CHEM 492  SUPERVISED TEACHING AIDE  Repeatable  1-2 Units
This course provides students with teaching experience in a college-level chemistry laboratory course they have previously taken. It includes instruction on how to best operate as a teaching aide and in depth instruction on the experiments and instrumentation used in that chemistry course.

CHEM 493  CHEMISTRY INTERNSHIP  Repeatable  1-3 Units
Variable Topics

CHEM 494  CHEMISTRY SEMINAR  Repeatable  1 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Units in this course may not be used to fulfill minor requirements in Chemistry.

CHEM 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.
Repeatable two times for a maximum 6 credits in degree.
PREREQ: ENGLISH 101 OR ENGLISH 161

CHEM 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

CHEM 498  INDEPENDENT STUDY IN CHEMISTRY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

CHEM 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  0.5-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

Chicano Studies Courses

CHICANO 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable a maximum of three times.

CHICANO 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable three times for a maximum of 9 credits.

Chinese Courses

CHINESE 141  BEGINNING CHINESE I  4 Units
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 II  4 Units
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  4 Units
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  4 Units
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 490 WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable.

CHINESE 491 TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

CHINESE 493 INTERNSHIP IN CHINESE  Repeatable  1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.

CHINESE 494 SEMINAR  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

CHINESE 496 SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

CHINESE 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable.

CHINESE 498 INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

Computer Science Courses

COMPSCI 162 COMPUTER APPLICATIONS  3 Units
A thorough introduction to commonly used computer applications, covering word processing, spreadsheets, data storage and retrieval, and presentation software. Students will learn the vocabulary of computing, the concepts of computing and problem solving, and how computer applications can be applied to a wide range of problems.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

COMPSCI 170 INTRODUCTION TO PYTHON PROGRAMMING  3 Units
An introduction to computational thinking and computer programming using the Python language, with applications in science, business, education, and other areas. Students will develop structured programs based on simple algorithms that involve input, output, mathematical operations, decisions, and loops. No previous programming experience is needed.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141, OR WAIVER

COMPSCI 172 INTRODUCTION TO JAVA  3 Units
This course teaches the essentials of object-oriented programming in Java. Students will learn to formulate algorithms, solve problems, and implement those solutions with a Java program that employs objects and classes. Students will be introduced to object-oriented design, class construction, methods and message passing, arrays, string processing, and file processing.
PREREQ: MATH 141 WITH A GRADE OF C OR BETTER, OR MATH 139 WITH A GRADE OF B OR BETTER, OR WAIVER OF MATH 141, OR SCORE OF 3 OR HIGHER ON AP CS PRINCIPLES EXAM

COMPSCI 174 INTRODUCTION TO C++  3 Units
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, classes, and objects. Students will write moderately complex applications using C++.
PREREQ: MATH 141 WITH A GRADE OF C OR BETTER, OR MATH 139 WITH A GRADE OF B OR BETTER, OR WAIVER OF MATH 141, OR SCORE OF 3 OR HIGHER ON AP CS PRINCIPLES EXAM

COMPSCI 180 DATA SCIENCE FOR EVERYONE  3 Units
An introduction to data science and its implementation using the R language, with applications in natural and social science, public health and welfare, and other areas. Students will explore methods of data analysis and visualization and cultivate marketable data-literacy skills. No prior knowledge of statistics or programming is needed.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141, OR WAIVER

COMPSCI 181 INTRODUCTION TO DATABASE AND THE WEB  3 Units
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 139 OR MATH 141 OR WAIVER

COMPSCI 215 DISCRETE STRUCTURES  3 Units
The course offers a formal approach to the mathematics of Computer Science, including set theory, methods of proof, propositional logic, discrete probability, sequences, recurrence relations, introduction to graphs, and algorithmic analysis.
PREREQ: MATH 150 WITH A GRADE OF C OR BETTER, OR MATH 152 WITH A GRADE OF C OR BETTER, OR MATH 243, OR MATH 250

COMPSCI 219 ACCELERATED PROGRAMMING WITH JAVA  5 Units
This is an intense Java course, appropriate for those who need to accelerate in getting the undergraduate degree or removing deficiencies for graduate studies in computer science. Topics include data types and variables, conditional and loop statements, methods, arrays, classes/objects, interfaces, inheritance and polymorphism, exceptions, files, and graphical user interfaces.
PREREQ: COMPSCI 170 W/C OR HIGHER, OR SCORE OF 3 OR HIGHER ON AP CS PRINCIPLES EXAM, OR EQUIVALENT PROGRAMMING EXPERIENCE (AND INSTRUCTOR CONSENT), OR (MATH 142 OR MATH 143 OR MATH 152) W/C OR HIGHER, OR CONCURRENT REGISTRATION IN MATH 253

COMPSCI 220 INTERMEDIATE JAVA  3 Units
This course teaches more advanced topics in object-oriented program design and the Java programming language. Coverage includes multi-dimensional arrays, methods, error handling, strings, regular expressions, encapsulation, inheritance, polymorphism, generic types, program debugging and testing, database and file processing, event-handling, and graphical user interfaces.
PREREQ: (COMPSCI 172 OR (COMPSCI 174 AND CONSENT OF INSTRUCTOR)) AND (MATH 143 OR MATH 150 OR MATH 152), ALL WITH A GRADE OF C OR BETTER
COMPSCI 221  INTERMEDIATE PROGRAMMING IN C#  3 Units
This course introduces C#, a programming language that is widely used in software, web, game, and mobile development. Topics include basic syntax, classes, object-oriented programming (overloading, inheritance, polymorphism), multi-dimensional arrays, file input/output, recursion, lambda expressions, and LINQ. Basic software engineering knowledge including coding standards and testing will also be covered.
PREREQ: (COMPSCI 172 OR COMPSCI 174) AND (MATH 142 OR MATH 143 OR MATH 152), ALL WITH A GRADE OF C OR BETTER

COMPSCI 222  INTERMEDIATE C++  3 Units
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 OR (COMPSCI 172 AND CONSENT OF INSTRUCTOR)) AND (MATH 143 OR MATH 150 OR MATH 152), ALL WITH A GRADE OF C OR BETTER

COMPSCI 223  DATA STRUCTURES  3 Units
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 structures and object-oriented design techniques, including inheritance and polymorphism, are applied to develop larger projects.
PREREQ: COMPSCI 220 WITH A GRADE OF C OR BETTER, OR COMPSCI 222 WITH A GRADE OF C OR BETTER

COMPSCI 271  ASSEMBLY PROGRAMMING  3 Units
This course covers the use of an assembly language based on the RISC processor architecture including writing, linking, and executing a program. Also covered are number systems, instructions for arithmetic and logical operations, memory access, loops, declaring variables, interrupts, machine language, segments, stacks, procedure writing, and file handling.
PREREQ: COMPSCI 172 OR COMPSCI 174

COMPSCI 290  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable. Instructor Consent required.

COMPSCI 296  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable. Instructor Consent required.

COMPSCI 310  INTERMEDIATE DATA SCIENCE  3 Units
This course introduces intermediate data science and its implementation using R and Python, with applications in natural and social science, public health and welfare, and other areas. Students will explore methods of data analysis, cleaning, simulation and visualization and machine learning. Prior knowledge of programming and statistical analysis is assumed.
PREREQ: COMPSCI 170 AND (COMPSCI 180 OR COMPSCI 220 OR COMPSCI 222) AND 1 COURSE IN STATISTICS (BIOLOGY 303 OR ECON 245 OR MATH 230 OR MATH 342 OR PSYCH 215 OR SOCIOLOGY 295 OR SOCWORK 250), OR PERMISSION OF INSTRUCTOR

COMPSCI 320  CONCEPTS OF PROGRAMMING LANGUAGES  3 Units
An exploration of the core concepts upon which all programming languages are built. Students will apply these concepts to write programs in several specialized programming languages, including functional and logic programming languages. Emphasis is placed upon evaluating the strengths and weaknesses of particular languages for various tasks.
PREREQ: COMPSCI 223 AND (COMPSCI 215 OR MATH 280)

COMPSCI 322  COMPUTER LANGUAGES AND COMPILERS  3 Units
In this course, we will study the process of translating computer programs into machine code that runs on a computer. Students will learn the structure and functionality of a compiler, program working versions of all parts of a simple compiler, and test the various parts of a simple compiler for bugs.
PREREQ: COMPSCI 223 AND COMPSCI 271

COMPSCI 332  INTRODUCTION TO ARTIFICIAL INTELLIGENCE  3 Units
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: COMPSCI 222 OR COMPSCI 220

COMPSCI 347  SCIENTIFIC COMPUTING  3 Units
This course provides the applied scientist with the basic tools needed to perform computing within a scientific context. The computational aspects focus on two major areas: (1) the development and implementation of numerical algorithms in computer programs, and (2) the analysis and visualization of complex data sets. Numerical methods covered include finding roots of nonlinear equations, solving linear systems, the eigenvalue problem, numerical integration, the initial value problem, and data fitting. The high-level computer packages used are Mathematic and Matlab.
PREREQ: MATH 253 WITH A C OR BETTER OR CONSENT OF INSTRUCTOR

COMPSCI 353  CYBERSECURITY LAW AND POLICY  3 Units
This course will provide students exposure to the key legal and policy issues related to cybersecurity. It includes such topics as data security laws and enforcement actions, cybersecurity litigation, anti-hacking laws, cybersecurity and corporate governance, privacy law, the Fourth Amendment, surveillance, and international cybersecurity law.

COMPSCI 354  INTRUSION DETECTION AND INCIDENT RESPONSE  3 Units
A blend of theoretical and practical knowledge on design and implementation of intrusion detection and incident response. Topics include intrusion prevention systems, anomaly and signature-based intrusion detection, host-based and network-based intrusion detection, tools for intrusion detection and response, automated and manual response to attacks, and legal/organizational issues of intrusion detection and incident response systems.
PREREQ: ITSCM 221 OR COMPSCI 271

COMPSCI 366  DATABASE MANAGEMENT SYSTEMS  3 Units
This course offers an introduction to the design and programming of databases and the implementation of database management systems from a computer science perspective. Contents include the relational model; SQL; database application development; and concepts and algorithms for building database management systems.
PREREQ: COMPSCI 223 OR CONSENT OF INSTRUCTOR
COMPSCI 381  JAVASCRIPT AND DHTML  3 Units
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 it abilities to manage windows, forms, events, cookies, etc.
PREREQ: COMPSCI 172 OR COMPSCI 174 OR EQUIVALENT PREPARATION AND CONSENT OF INSTRUCTOR

COMPSCI 382  SERVER-SIDE SCRIPTING  3 Units
Server-side scripting is key to processing web forms, as well as for automating a wide range of server tasks. This course will provide a thorough introduction to the Server-side scripting languages. Students will learn to create a data-driven web application that uses Structured Query Language (SQL) to access and update the information in a database.
PREREQ: COMPSCI 172 OR COMPSCI 174 OR EQUIVALENT PREPARATION AND CONSENT OF INSTRUCTOR

COMPSCI 412  COMPUTER ORGANIZATION AND SYSTEM PROGRAMMING  3 Units
Introduction to organization of modern digital computers - understanding the various components of a computer and their interrelationships. Study of systems programming in C/Linux.
PREREQ: COMPSCI 271 OR CONSENT

COMPSCI 424  OPERATING SYSTEMS  3 Units
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 223 AND COMPSCI 271

COMPSCI 433  THEORY OF ALGORITHMS  3 Units
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: COMPSCI 223 AND (COMPSCI 215 OR MATH 280)

COMPSCI 434  THEORY OF COMPUTATION  3 Units
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 OR COMPSCI 215

COMPSCI 448  BIOINFORMATICS  3 Units
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 WITH A GRADE OF C OR BETTER AND ONE OF THE FOLLOWING WITH A GRADE OF C OR BETTER: BIOLOGY 303, PSYCH 215, MATH 230, OR MATH 342 CROSS-LISTED: BIOLOGY 448 AND COMPSCI 448

COMPSCI 451  TOPICS IN APPLIED COMPUTING  Repeatable  3 Units
This course covers emerging topics in modern applied computing. Sample topics include: new computing platforms, blockchain, machine learning, cloud computing, data mining and recommender systems, user modeling, and human-computer interaction. Repeatable with change in topic.
PREREQ: COMPSCI 223

COMPSCI 455  CRYPTOGRAPHY AND NETWORK SECURITY  3 Units
This course covers the fundamental cryptographic algorithms and security protocols for computer networks. Topics include security attacks and security services, classical ciphers, modern block and stream ciphers, public key cryptography, digital signatures, key management and distribution, authentication, and security network protocols. The class involves a significant amount of programming projects and assignments about cipher algorithms and security protocols.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 456  COMPUTER SYSTEM SECURITY  3 Units
General concepts and applied methods of computer system security, especially as they relate to confidentiality, integrity, and availability of information assets. Topics include system security analysis, access control and various security models, information flow, protection against external and internal threats, malware, and reverse engineering. This is a hands-on course, where you will learn by working on programming assignments and projects.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 460  COMPUTER NETWORKING  3 Units
This course introduces the principles, applications, protocols, and architectures of data networks. It places an equal emphasis on practical experience as well as theoretical foundations. There will be abundant network programming and lab activities around application layer, transportation layer, and routing.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 461  MOBILE COMPUTING ARCHITECTURE  3 Units
This course discusses fundamentals of wireless communication and mobile computing, and emphasizes the analysis and design of network architectures in support of mobility related services. It involves intensive critical thinking practices, programming, and hands-on experiments.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 476  SOFTWARE ENGINEERING  3 Units
This capstone course introduces concepts and techniques relevant to the production of large software systems. Topics include: modularity; specification; data abstraction; object modeling; design patterns; and testing. Students work in groups to complete a significant software development project using concepts taught in this course and in prior Computer Science courses.
PREREQ: COMPSCI 223
Criminal Justice Courses

CRIMJUS 321 CRIMINAL INVESTIGATION 3 Units
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 Units
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 Units
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 STANDING
CROSS-LISTED: CRIMJUS 325 AND ANTHROPL 325

CRIMJUS 327 COMMUNITY CORRECTIONS & TREATMENT 3 Units
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 Units
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 CRIMJUS 321, OR CRIMJUS 325 OR CRIMJUS 496

CRIMJUS 377 SOCIOLOGY OF DRUGS AND CRIME 3 Units
This course examines the intersection of drugs and crime in U.S. society. This course utilizes the social constructionist perspective as it pertains to both legal and illegal drugs. Through the use of the constructionist perspective, this class will explore how believed truths and realities about drugs are often socially created, how the laws and the control of drugs has been constructed and maintained, how culture and history influence perceptions of drugs and crime, and how societal norms, values and ideas concerning drugs are created and perpetuated.
PREREQ: SOCIOLOGY 276 OR CONSENT OF INSTRUCTOR

CRIMJUS 425 ADVANCED FORENSIC ANTHROPOLOGY: BIOARCHAEOLOGY, TRAUMA & PATHOLOGY 3 Units
The course is a practicum in forensic anthropology. Student 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. They will produce a forensic report and present it in a mock court situation.
PREREQ: CRIMJUS 325
CROSS-LISTED: CRIMJUS 425 AND ANTHROPL 425
CRIMJUS 491 TRAVEL STUDY  Repeable  1-3 Units
Variable topics. Faculty-led courses abroad.
PREREQ: AT LEAST SOPHOMORE STATUS AND 2.5 GPA

CRIMJUS 494 SEMINAR IN CRIMINAL JUSTICE  Repeable  3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.

CRIMJUS 496 SPECIAL STUDIES  Repeable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

CRIMJUS 497 EXCHANGE STUDY  Repeable  1-12 Units
Variable topics. See Schedule of Classes.

CRIMJUS 498 INDEPENDENT STUDY  Repeable  1-3 Units
Department consent required. Repeatable.

CRIMJUS 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Developmental Education Courses

DEVLPED 49 SPECIAL TOPICS  2 Units
A variety of topics will be taught

DEVLPED 50 STUDY/ACADEMIC SURVIVAL SKILLS  3 Units
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.

DEVLPED 60 COLLEGE LITERACY  3 Units
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.

DEVLPED 80 PASS (PARTNERSHIP FOR ACHIEVING STUDENT SUCCESS) WORKSHOP  1-3 Units
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 the 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 UW-Whitewater instructors.

Economics Courses

ECON 201 PRINCIPLES OF MICROECONOMICS  3 Units
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: A GRADE OF C OR BETTER IN EITHER MATH 139 OR MATH 142
UNREQ: ECON 213

ECON 202 PRINCIPLES OF MACROECONOMICS  3 Units
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 ECONOMICS FOR TEACHERS  3 Units
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 STATUS UNREQ: ECON 201

ECON 245 BUSINESS STATISTICS  3 Units
PREREQ: (MATH 143 OR MATH 152 OR MATH 243 OR MATH 250 OR MATH 253) AND LOWER LEVEL BUSINESS REQUIREMENT

ECON 301 INTERMEDIATE MICROECONOMIC ANALYSIS  3 Units
PREREQ: ECON 202 AND MATH 243 OR MATH 250 OR MATH 253 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 302 INTERMEDIATE MACROECONOMIC ANALYSIS  3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 345 ECONOMETRICS  3 Units
The second course in statistics is a course in applied regression analysis with particular emphasis on economic analysis. It begins with a review and extension of descriptive statistics, probability and statistical inference as presented in Business Statistics before going on to a detailed treatment of simple and multiple regression.
PREREQ: ECON 245 AND MATH 243 OR MATH 250 OR MATH 253 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 346  DATA MANAGEMENT AND HANDLING  1 Units
This course introduces students to the use of data handling and data management in Stata. Much of the course will be hands on and will show students how to manage and manipulate data so that it is ready for analysis.
PREREQ: ECON 245 OR EQUIVALENT

ECON 352  ECONOMICS OF DISCRIMINATION  3 Units
This course analyzes the experiences of ethnic minorities and women in the United States economy, extending traditional and nontraditional interpretations of economic issues to the unique experiences of these groups. Economic tools will be developed and applied to such topics as: Labor Force Participation; Wage Determination; Occupational Choice and Segregation; Comparable Worth; Poverty; and the Criminal Justice System.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 353  ECONOMICS OF LABOR MARKETS AND POLICIES  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 354  MONEY AND BANKING  3 Units
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 202 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

ECON 356  PUBLIC FINANCE  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 359  COMPARATIVE ECONOMIC SYSTEMS  3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 360  GROWTH AND DEVELOPMENT IN THE WORLD ECONOMY  3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 364  THE MICROECONOMICS OF BANKING  3 Units
Understanding and evaluating risk in its various forms is a critical skill in economics. This course will cover institutional details of financial institutions and develop tools to analyze, measure and manage different types of risks associated with these institutions.
PREREQ: ECON 245 AND (MATH 243 OR MATH 250 OR MATH 253) AND (ADMISSION TO UPPER DIV AND 2.50 COMBINED CUM GPA FOR BUSINESS MAJORS) OR (60 UNITS AND 2.00 COMBINED CUM GPA FOR MINORS/NON-BUSINESS MAJORS) NOT OPEN TO FINANCE MAJORS OR FINANCE MINORS

ECON 401  INTERNATIONAL ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 402  BUSINESS CYCLES  3 Units
PREREQ: ECON 202 AND MATH 243 OR MATH 250 OR MATH 253 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 404  HISTORY OF ECONOMIC THOUGHT  3 Units
A study of the development of economic ideas, with emphasis on classical, neo-classical, socialist, Keynesian and institutional schools of thought.
PREREQ: ECON 202 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 406 INTERNATIONAL FINANCE AND BANKING  3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 413 ADVANCED ECONOMIC ANALYSIS  3 Units
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 202 AND (MATH 243 OR MATH 250 OR MATH 253 OR CONSENT OF INSTR); ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUS MAJORS OR 60 UNITS AND 2.00 COMBINED GPA FOR MINORS/NON-BUSMAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 431 ECONOMICS OF GLOBALIZATION  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 433 ADVANCED MICROECONOMICS  3 Units
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 (FORMERLY 212) AND ECON 245, AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 438 URBAN REGIONAL AND TRANSPORT ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 441 INDUSTRIAL ORGANIZATION AND COMPETITIVE STRATEGIES  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 442 GAME THEORY  3 Units
Game Theory is the study of interactive decision-making that involves more than one person, each of whom is affected by the decisions of others. This course provides an introduction to the tools and insights of Game Theory accompanied by applications in economics, political science, business, and finance.
PREREQ: ECON 201 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 445 ECONOMICS OF HEALTH CARE Repeatable  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 446 ADVANCED ECONOMETRICS  3 Units
Advanced Econometrics introduces students to advanced techniques in modeling. In the course students will study applied methods for model selection, implementation, and inference for cross sectional, time series, and panel data. The major emphasis will be on understanding these models from an intuitive perspective and estimating these using computer programs.
PREREQ: ECON 345 WITH C+ OR BETTER; ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 447 NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 489 ECONOMICS SENIOR CAPSTONE 3 Units
The Economics Capstone is a course for seniors soon to graduate with an Economics degree. Students will reflect on their previous education and demonstrate proficiency in program learning objectives. Student work will center on the production of a substantial high-quality thesis on a student-chosen topic of economic interest.
PREREQ: ECONOMICS BBA OR BA/BS MAJOR; COMPLETION OF OR CONCURRENT REGISTRATION IN ECON 301, 302, AND 345; SENIOR STATUS; AND CONSENT OF INSTRUCTOR

ECON 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable. PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 493 INTERNSHIP IN ECONOMICS 1-3 Units
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. Instructor Consent required. PREREQ: JUNIOR STATUS; AND CONSENT OF INSTRUCTOR

ECON 494 SEMINAR IN ECONOMICS Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable. Instructor Consent required. PREREQ: ECON MAJORS OR MINORS; ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the major or 6 credits in the degree. PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required. PREREQ: JUNIOR STATUS; ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

English Courses

ENGLISH 49 WORKSHOP 1-3 Units
Variable credit course offering with a defined topic. Repeatable with a change of topic.

ENGLISH 90 FUNDAMENTALS OF ENGLISH 3 Units
A course for students whose reading and writing skills need improvement through study of basic grammar and rhetoric before they attempt other English courses. This course does not count toward the 120 credits required for graduation, nor does it fulfill General Studies requirements, nor may it be counted toward the English major or minor. It may not be taken by students who are simultaneously taking or have satisfactorily completed another English course on this campus. Required for students with an ACT English subscore of 16 or lower (SAT verbal 429).

ENGLISH 91 WRITTEN COMMUNICATIONS Repeatable 2 Units
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 100 INTENSIVE COLLEGE WRITING AND READING 4 Units
An intensive introduction to college writing and reading for students with appropriate placement scores. Emphasis on textual analysis of a variety of genres (both fiction and nonfiction), critical argumentation, the writing process, conventions of academic prose, and improvement of grammatical control and proofreading skills. PREREQ: ACT ENGLISH SUBSCORE OF 15 OR 16 UNREQ: ENGLISH 101, ENGLISH 161, OR IEI 161

ENGLISH 101 INTRODUCTION TO COLLEGE WRITING AND READING 3 Units
Critical reading and writing with emphasis on textual analysis of a variety of genres (both fiction and nonfiction), critical argumentation, the writing process, and conventions of academic prose. PREREQ: ENGLISH 90 OR ITS EQUIVALENT. RESTRICTED TO STUDENTS WITH ACT ENGLISH SUBSCORE OF 17-29 (SAT VERBAL 430-699) OR COMPLETION OF ENGLISH 90. UNREQ: ENGLISH 100, ENGLISH 161, OR IEI 161 UNREQ: ENGLISH 100/101 ENGLISH/IEI 161

ENGLISH 102 INTRODUCTION TO COLLEGE WRITING, READING, AND RESEARCH 3 Units
Continuation of ENGLISH 100/ENGLISH 101 with additional emphasis on modes of inquiry, the research process, and the completion of a formally documented, argument-based research paper. PREREQ: ENGLISH 100 OR ENGLISH 101 OR ENGLISH 161 OR THE EQUIVALENT OR ACT SUBSCORE OF 30 OR ABOVE (SAT VERBAL 700). UNREQ: ENGLISH/IEI 162

ENGLISH 105 FRESHMAN ENGLISH HONORS 3 Units
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. NOTE - students will be able to receive AP or other test credit for ENGLISH 101 and ENGLISH 102, but they may not enroll in English 101 or ENGLISH 102 for credit after completing this course. PREREQ: ELIGIBILITY FOR THE UNIVERSITY HONORS PROGRAM AND AN ACT SUBSCORE OF AT LEAST 24, OR CONSENT OF UNIVERSITY HONORS PROGRAM DIRECTOR
**ENGLISH 110  POPULAR CULTURE AND LITERATURE  3 Units**
This course introduces students to the textual study of popular culture in such forms as film, television, video games, or comics by pairing such texts with literary periods and/or movements that inform them. Students will question the boundaries between "high culture" and popular culture as reflected in the mass media.  
**PREREQ:** ENGLISH 100 OR ENGLISH 101 OR ENGLISH 105 OR ENGLISH 162

**ENGLISH 161  ADVANCED ACADEMIC READING IN ESL  4 Units**
Development of critical thinking skills in reading and ability to express complex, academic arguments for participation in university courses. Students must pass this course with a C- or better to exit the IEP. This course satisfies the English 101 University Proficiency Requirement.  
**COREQ:** ENGLISH 100 OR ENGLISH 101 OR ENGLISH 161

**ENGLISH 162  COLLEGE WRITING IN ENGLISH AS A SECOND LANGUAGE  4 Units**
Students learn the fundamentals of writing an academic research paper. Students conduct a brief literature review, design and conduct a group research project to address a research question, and write a paper. Students must pass this course with a C- or better to exit the IEP.  
**UNREQ:** ENGLISH 102, ENGLISH/IEI 161

**ENGLISH 163  INTRODUCTION TO U.S. CULTURE FOR INTERNATIONAL STUDENTS  4 Units**
Study of U.S. culture from interdisciplinary perspectives by examining cultural topics (such as the changing form of the family, educational opportunity, economic change) to come to a deeper understanding of U.S. and the students' home cultures. Students must pass this course with a C- or better to exit the IEP.

**ENGLISH 164  SPECIAL TOPICS  Repeatable  2-4 Units**
English 164 is a special topics course in English for specific purposes, repeatable by change in topic. If enrolled in the IEP, students must pass this course with a C- or better.

**ENGLISH 200  INTRODUCTION TO CHICANX LITERATURE  3 Units**
Identifies and interprets Chicano literature in a social and historical context giving students an introduction to literature written by and about Chicanxs.  
**PREREQ:** ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.  
**CROSS-LISTED:** CHICANO 200 AND ENGLISH 200

**ENGLISH 202  INTRODUCTION TO U.S. LATINX LITERATURE  3 Units**
The course will present students with the diverse U.S. Latinx experiences, by introducing them to texts that examine literary works by authors of Latino/Latina backgrounds, in their historical context and cultural context.  
**CROSS-LISTED:** ENGLISH 202 AND RACIEETH 202

**ENGLISH 206  BRITISH LITERATURE SURVEY I  3 Units**
A survey of British literature from the Old English period through the eighteenth century.  
**PREREQ:** ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105 OR PERMISSION OF THE INSTRUCTOR.

**ENGLISH 211  INTRODUCTION TO GREAT BOOKS  3 Units**
This course introduces students to literary, philosophical, political, and religious works that have been instrumental to the evolution of the history of ideas and to the cultural development of civilizations across time and place. Its primary focus is on the aesthetic and intellectual achievements of foundational texts from antiquity to the present day.  
**PREREQ:** ENGLISH 100 OR ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161

**ENGLISH 216  BRITISH LITERATURE SURVEY II  3 Units**
A survey of British literature from the Romantic period to the present.  
**PREREQ:** ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

**ENGLISH 226  AMERICAN LITERATURE SURVEY I  3 Units**
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.  
**PREREQ:** ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

**ENGLISH 230  FOUNDATIONS OF PROFESSIONAL WRITING AND EDITING  3 Units**
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 ENGLISH 102 OR ENGLISH 105 OR ENGLISH 161 AND ENGLISH 162

**ENGLISH 236  AMERICAN LITERATURE I  3 Units**
A survey of American Literature from the Civil War to the present to acquaint the student with the foremost writers of our literary culture.  
**PREREQ:** ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

**ENGLISH 250  AMERICAN ENVIRONMENTAL LITERATURE  3 Units**
Explore American environmental literature (creative non-fiction/fiction/poetry) from its origins, with special attention to key authors such as Ralph Waldo Emerson, Henry David Thoreau, Emily Dickinson, John Muir, Teddy Roosevelt, Aldo Leopold, Leslie Silko, Rachel Carlson, Annie Dillard and Bill McKibben.  
**PREREQ:** ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.  
**CROSS-LISTED:** ENGLISH 252 AND RELIGST 252

**ENGLISH 251  THE BIBLE AS LITERATURE  3 Units**
An examination of classical myths and legends and how they have been used in various periods and genres of English literature.

**ENGLISH 252  THE CONTEMPORARY NOVEL  3 Units**
A study of significant British and American novels and novelists of the last decade.  
**PREREQ:** ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
ENGLISH 265  MULTICULTURAL LITERATURE OF THE UNITED STATES  3 Units
Multicultural Literature of the U.S. offers a wide range of literary texts (dramas, essays, novels, poetry, and short stories) written by people of color. This class offers students the opportunity to study and appreciate the experiences and histories of diverse groups within the U.S., including African-American, Asian American, Native American, and Latinx cultures. PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 266  GENDER AND FILM  3 Units
Students will learn to critically view, consider, and describe films, with special attention to representations of sexuality and gender. The course will include instruction in gender theory and methods for deploying gender analysis in the context of film studies. PREREQ: ENGLISH 101 OR ENGLISH 165 OR ENGLISH 161 CROSS-LISTED: ENGLISH/WOMENST/FILM 266

ENGLISH 271  CRITICAL WRITING IN THE FIELD OF ENGLISH  3 Units
This course will help students become proficient in the skills of research, organization, writing, and revising that they will need in upper-division English courses. Students will learn both the general conventions of academic writing about literature (literary criticism) and the specific methods of some of the most important kinds of literary criticism. PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 272  CRITICAL WRITING IN MULTIMEDIA CONTEXTS  3 Units
In this course, students will learn to conceptualize, structure, and produce analytical writing in multiple forms within digital contexts. Since such contexts are often multi-modal–layered with visual images as well as sound–instruction will include the analysis and appropriation of the visual and auditory in critical writing. COREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 CROSS-LISTED: ENGLISH/FILM 272

ENGLISH 274  CREATIVE WRITING  3 Units
Study, discussion and writing of description, narration, verse and the short story. PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 275  TOPICS IN THE LITERATURE OF RURAL AMERICA  3 Units
This course explores issues of poverty, violence, and disaffection in rural American communities as depicted though literary works spanning the twentieth and twenty-first centuries. It also examines the placement of rural communities within current social, cultural, and literary contexts. Topics will change. PREREQ: ENGLISH 100 OR ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161

ENGLISH 276  READING AS WRITERS  3 Units
Study of craft and aesthetic form in contemporary literary works. PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 281  INTRODUCTION TO LANGUAGE STUDY  3 Units
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. PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 289  SPECIAL STUDIES  Repeatable  1-5 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable only with change of topic.

ENGLISH 305  LITERATURE OF DISABILITY  3 Units
This course is designed to introduce the students to thinking about disability as a rhetorical and cultural phenomenon. The students will explore how disability has been imagined in western culture through an examination of literature, and they will also consider how disabled people have themselves sought to represent their own experience in defiance of established norms. PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 310  LITERATURE FOR ADOLESCENTS  3 Units
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. PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 323  ASIAN LITERATURES  3 Units
This course is an introduction to the literary and cultural tradition of three Asian civilizations: China, India, and Japan. Students will read a selection of classical and modern works from various genres in the three national literatures. The literary texts will be discussed in their cultural and historical contexts. PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105. CROSS-LISTED: ENGLISH 323 / ASIANSTD 323

ENGLISH 325  LITERATURE FROM THE MIDDLE EAST  3 Units
Students will learn how to critically read, research, and write about contemporary Middle Eastern literature in English translation. Different genres will be covered by authors from different countries, including Iran, Egypt, Turkey, and Syria. PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105

ENGLISH 327  AFRICAN LITERATURE  3 Units
The course introduces students to a global consideration of literature through a close examination of the cultural and literary tradition of African literature, extending to the literature of the African Diaspora. It will also examine how writings from colonial margins resist stereotypes as African writers construct counter-narratives to colonial discourse. PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

ENGLISH 329  EUROPEAN LITERATURE  3 Units
This course explores the rich and varied field of European literature from its beginnings in Greek and Roman literature to present-day continental European literature, through studies of theme, genre, theory, or cultural analysis; topics will vary by instructor. PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 330  MANUSCRIPT EDITING  3 Units
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 AND COREQ ENGLISH 362 OR CONSENT OF INSTRUCTOR
ENGLISH 332 WRITING FOR THE WEB 3 Units
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 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR

ENGLISH 333 JAPANESE LITERATURE 3 Units
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 folktale, garden, tea and verse aesthetics, court, samurai and merchant culture, and international contact and war.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 CROSS-LISTED: ENGLISH 333 AND ASIANSTD 333

ENGLISH 334 AMERICAN INDIAN LITERATURE 3 Units
This course explores contemporary writing and film by Native North American authors in relation to 1) ancient tribal traditions and languages; 2) the history of colonialism; 3) questions of cultural belonging and cultural appropriation; 4) the experiences of contemporary American Indians. Literary criticism and secondary sources introduce key issues in American Indian literary discourse and provide cultural and historical backgrounds.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR CROSS-LISTED: AMERIND 334 ENGLISH 334

ENGLISH 335 ASIAN AMERICAN LITERATURE 3 Units
This course examines the rich and varied literatures produced by U.S. writers of Asian descent. It considers the complex ways in which 1) history, 2) socioeconomic structures, 3) group and individual experiences, 4) cultural values and traditions, and 5) collisions and collaborations with other cultural groups in the U.S. come together to (re)shape Asian American identity and literary contributions.
CROSS-LISTED: ENGLISH 335 ASIANSTD 335

ENGLISH 337 LATINX LITERATURE 3 Units
This course deepens students’ knowledge of the literatures produced by U.S. citizens and/or U.S. residents of Latinx descent. It considers the complex ways in which 1) history, 2) group and individual experience, 3) cultural values and traditions, and 4) collisions and collaborations with other cultures in the US come together to shape Latinx identity, writing and overall literary expression.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR CROSS-LISTED: ENGLISH 337 LATINX 337

ENGLISH 340 EARLY BRITISH LITERATURE 3 Units
The course covers the cultural and literary periods from the beginning of writing in English to the late seventeenth century. Courses will rotate in theme or approach, and students will emerge with a firmer understanding of the literary and cultural heritage that informs subsequent literature.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR

ENGLISH 343 LITERATURE OF THE BRITISH EMPIRE (1660-1820) 3 Units
This course will examine the various contexts; cultural, historical, and political; that comprise the long eighteenth century (1660-1820) as they are revealed by various modes of literary endeavor in Britain and its vast empire.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 344 AMERICAN LITERATURE TO 1890 3 Units
An exploration of topics, periods, or genres in American literature from its origins through the Gilded Age. Themes will vary by term, but the course may consider Native American literature; colonial and early national literature; the American Renaissance; African American literature; women’s writing; the Civil War; or regionalism, realism, and naturalism.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 345 AFRICAN-AMERICAN LITERATURE, 1800 TO PRESENT 3 Units
A survey of essays, prose fiction, drama, and poetry written by African-Americans from the colonial period to the present.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: AFRIAM 345 AND ENGLISH 345

ENGLISH 346 SURVEY OF MODERN DRAMA 3 Units
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.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: THEATRE 346 AND ENGLISH 346

ENGLISH 348 AMERICAN LITERATURE 1890 TO 1945 3 Units
A survey of the major developments in American Literature from 1890 to World War II, with an emphasis on the rise of Modernism.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 350 NINETEENTH-CENTURY BRITISH LITERATURE 3 Units
An exploration of topics, periods, or genres in British literature from the Romantic through the Edwardian eras. Themes will vary and may include women’s writing, colonial authors, children’s literature, or periodicals; or address contemporary issues such as science, religion, socioeconomic class, gender, race, and empire; or focus on genre (poetry, drama, prose) or mode (sentimentalism, realism, sensationalism, fantasy, or aestheticism).
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 352 LITERATURE ON FILM Repeatable 3 Units
This course examines the complex cultural work of adapting literature to film. Through critical analysis of narrative fiction - short stories, novels, plays, graphic novels - and the films they inspire, students will investigate the history, narrative, conventions, iconic elements, and cultural significance of literary adaptations to film. Repeatable with topic change.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105 CROSS-LISTED: FILM 352 AND ENGLISH 352

ENGLISH 354 STAGE PLAYS ON FILM Repeatable 3 Units
In this course, students will study stage plays as well as the ways in which screenwriters and filmmakers adapt those plays for the big screen. Repeatable with change in topic.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105 CROSS-LISTED: FILM 354 AND ENGLISH 354
ENGLISH 360 TWENTIETH-CENTURY BRITISH LITERATURE 3 Units
This course examines the rapid evolution of British fiction, drama, and poetry during the twentieth century. Themes will vary from the experiments in modernism that open the century to the postmodern approaches to narrative and identity that close it, as students explore a literature often marked by anxiety over the peak and decline of the British empire.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 362 THE GRAMMAR OF STANDARD WRITTEN ENGLISH 3 Units
This is a course in the grammar of relatively formal and planned written English. We will review a vocabulary for talking about the structural choices that are available to writers of English, and use this vocabulary to practice analyzing and constructing sentences and parts of sentences. The course is meant primarily for people whose professional plans include writing or editing.

ENGLISH 363 AMERICAN LITERATURE IN THE POSTMODERN AGE (1945-PRESENT) 3 Units
This course is designed to acquaint students with the rich tradition of American fiction and poetry of the last fifty years. Focusing on such figures as Ellison, Plath, Morrison, Pynchon, Baraka, and Delillo, this course invites students to debate the role that literature plays in a postwar American society. In doing so, we will focus on how writers address such postwar developments as: dawn of the nuclear age, Vietnam, the rise of mass culture, and rapid technologizing of American society.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 364 STYLE: PRINCIPLES AND PRACTICES 3 Units
Introduction to analysis and revision of texts for their style by a) assessing the rhetorical situations of these texts and b) becoming conversant and widely accepted principles and categories of style. Focus is on stylistic concerns such as clarity, coherence, cohesion, emphasis, concision, shape, and elegance.

ENGLISH 366 TOPICS IN PROFESSIONAL WRITING Repeatable 3 Units
Variable topics course that will focus on particular subsets of professional writing, editing, or rhetorical analysis relevant to these fields. Topics might include discourse analysis, argumentation, technical editing, content strategy, translation studies, or writing and editing for specific fields (e.g. science, medicine, environmental studies, etc.).
PREREQ: ENGLISH 230 AND ENGLISH 362 OR CONSENT OF INSTRUCTOR

ENGLISH 368 AMERICAN MINORITY WOMEN WRITERS 3 Units
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: RACE ETH 368 AND ENGLISH 368

ENGLISH 369 MULTICULTURAL DRAMA OF THE UNITED STATES 3 Units
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 CROSS-LISTED: THEATRE 369 AND ENGLISH 369

ENGLISH 370 ADVANCED COMPOSITION 3 Units
A course in advanced exposition and argumentation. Conventional grade basis only if course is required in the College of Business for major.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162. MUST BE CONVENTIONAL GRADE BASIS ONLY IF COURSE IS REQUIRED IN THE COLLEGE OF BUSINESS FOR MAJOR.

ENGLISH 371 WRITING IN THE SCIENCES 3 Units
Instruction on the nature of writing in the sciences, including features of scientific genres and strategies for producing effective texts.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 372 TECHNICAL AND SCIENTIFIC WRITING 3 Units
Practice in expository, descriptive, and report writing, with special application to technical and scientific subject matter.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 373 POETRY WRITING 3 Units
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 274 OR CONSENT OF INSTRUCTOR

ENGLISH 375 FICTION WRITING 3 Units
Theory, techniques, and practice of the writing of fiction. Requires a minimum of 50 pages of student writing, after careful revisions.
PREREQ: ENGLISH 274 OR CONSENT OF INSTRUCTOR

ENGLISH 376 SCREENWRITING 3 Units
Practical experience in writing scripts for cinema and/or television, with special emphasis on the creative, theoretical, and critical processes.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105. CROSS-LISTED: ENGLISH 376/FILM 376

ENGLISH 378 PROSE STYLISTICS 3 Units
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: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 380 CREATIVE NONFICTION 3 Units
This workshop introduces students to the history, theory, tradition and practice of creative nonfiction in its many forms, including the edited journal, personal essay and memoir, nature essay, literary journalism, and academic/cultural criticism. Through a mix of seminar-style discussions, graduated writing assignments, and intensive workshop response and revision, students work to develop a substantive portfolio (40-50 pages) of their own work by the end of the semester.
PREREQ: ENGLISH 274 OR CONSENT OF INSTRUCTOR

ENGLISH 386 NATURE WRITING 3 Units
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 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 387 SPECIAL TOPICS WRITING WORKSHOP Repeatable 3 Units
Creative writing workshop, variable topics.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162
ENGLISH 388  THE CURRENT WRITING SCENE  3 Units
An intensive study of the range of current writing, with practice in written
composition which may qualify students for professional employment.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 404  SHAKESPEARE  3 Units
A study of the works of Shakespeare which will include representative
genres and which will not duplicate works studied in 680-405.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

ENGLISH 405  SHAKESPEARE  3 Units
A study of the works of Shakespeare which will include representative
genres and which will not duplicate works studied in 680-404.
PREREQ: ENGLISH 102, ENGLISH 105, ENGLISH 162 AND JUNIOR
STANDING OR CONSENT OF INSTRUCTOR

ENGLISH 430  PUBLICATION DEVELOPMENT  3 Units
The course will survey the function of the editor in planning and
developing a major publication. The course examines different editorial
roles, gives an overview of publishing processes, and focuses on
acquiring texts, developing the author-editor relationship, organizing
and restructuring texts, checking facts, and developing production
specifications.
PREREQ: ENGLISH 230 AND ENGLISH 362 OR CONSENT OF
INSTRUCTOR

ENGLISH 435  GRANT/PROPOSAL WRITING  3 Units
This is an advanced writing course on the genre of the proposal, pairing
students with clients to produce a grant. The course benefits students
who will write proposals for their own work as well as students who wish
to add the proposal genre to their portfolio of professional writing skills.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 436  TOPICS IN PUBLICATION
DEVELOPMENT  Repeatable  1-3 Units
Variable topics course that will focus on development of a profession-
ally a worthwhile part of specialized complexity. Students will take a
writing or editing project from conception to polished text and develop
specifications for its production (or actually produce it).
PREREQ: ENGLISH 230 AND ENGLISH 362 OR CONSENT OF
INSTRUCTOR

ENGLISH 471  CURRENT THEORIES OF COMPOSITION FOR
TEACHERS  3 Units
A course in theories and methods of teaching composition, including
practice in the evaluating of student writing. Recommended for Juniors
and Seniors only.
PREREQ: JUNIOR/SENIOR STATUS

ENGLISH 480  SEMINAR IN LITERATURE BEFORE 1800  3 Units
As the capstone course for English Literature and English Education
majors, this senior seminar will offer the student an intensive study of a
topic in literature before 1800, including a semester-long research project
and an oral presentation. Topics will vary.
PREREQ: SENIOR STANDING, ENGLISH 271, AND MAJOR OR MINOR
IN ENGLISH LITERATURE OR ENGLISH EDUCATION OR CONSENT OF
INSTRUCTOR

ENGLISH 482  SEMINAR IN LITERATURE AFTER 1800  3 Units
As the capstone course for English Literature and English Education
majors, this senior seminar will offer the student an intensive study of a
topic in literature after 1800, including a semester-long research project
and an oral presentation. Topics will vary.
PREREQ: SENIOR STANDING, ENGLISH 271, AND MAJOR OR MINOR
IN ENGLISH LITERATURE OR ENGLISH EDUCATION OR CONSENT OF
INSTRUCTOR

ENGLISH 488  ADVANCED WRITERS' STUDIO  Repeatable  3 Units
A closely guided program of instruction in writing, determined in
consultation with the instructor, ranging from creative writing to scholarly
analysis. Repeatable two times for a maximum of 6 credits in major.
PREREQ: JUNIOR OR SENIOR STANDING AND SIX CREDITS CHOSEN
FROM ENGLISH 373, 375, OR 380

ENGLISH 490  WORKSHOP  Repeatable  1-3 Units
Variable topics published prior to registration.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND
ENGLISH 162 OR ENGLISH 105.

ENGLISH 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

ENGLISH 493  APPLIED STUDY: INTERNSHIP IN
WRITING  Repeatable  1-6 Units
Offered on a satisfactory/no credit basis only. Internships, as available, in
business or government for suitably prepared students wishing to make
careers as writers. Repeatable for a maximum of six credits in degree.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND
ENGLISH 162 AND CONSENT OF DEPARTMENT CHAIRPERSON

ENGLISH 496  SPECIAL STUDIES  Repeatable  2-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable only with change of topic.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND
ENGLISH 162 OR ENGLISH 105.

ENGLISH 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

ENGLISH 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND
ENGLISH 162 AND CONSENT OF DEPARTMENT CHAIRPERSON

ENGLISH 498R  INDEPENDENT STUDY - UNDERGRADUATE
RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable.
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO ENGLISH
MAJORS

Environmental Science Courses

ENVSCI 100  EXPLORATION OF THE ENVIRONMENTAL SCIENCE
MAJOR  1 Units
This course provides information about environmental science to recently
declared majors. Students will be introduced to the requirements of the
major, curricular and co-curricular activities, academic advising, emphasis
areas, and internship and employment opportunities.
PREREQ: MUST BE A DECLARED ENVIRONMENTAL SCIENCE MAJOR

ENVSCI 200  INTRODUCTION TO ENVIRONMENTAL SCIENCE  4 Units
The introductory course for the environmental sciences major introduces
students to the complexity of topics included in environmental sciences
and is the important first step in the major. A one hour discussion section
allows students and instructors to explore current topics and issues that
fall within environmental science.
PREREQ: MATH 139 OR MATH 141 OR WAIVER. ENVIRONMENTAL
SCIENCE MAJORS SHOULD COMPLETE MATH 141.
ENVS CI 357 CONSERVATION BIOLOGY 3 Units
This course explores the conceptual foundations of conservation biology. We will study the primary threats to biodiversity, and pay particular attention to issues of habitat degradation and loss, overexploitation, species invasions, and climate change. We will learn and apply skills, tools, and biological principles that are used by conservation biologists to study, track, manage, and mitigate environmental threats.
PREREQ: BIOLOGY 257 OR CONSENT OF INSTRUCTOR

ENVS CI 400 ENVIRONMENTAL SCIENCE CAPSTONE 3 Units
This course enables students to utilize the wide range of knowledge and skills acquired in other courses to complete an original, interdisciplinary environmental science research project while acquiring and refining crucial skills such as research design, analysis, presentation, and teamwork that will prepare them for a career in environmental sciences.
PREREQ: ENVIRONMENT SCIENCE MAJOR, SENIOR STANDING OR CONSENT OF INSTRUCTOR

ENVS CI 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led field courses.

ENVS CI 493 INTERNSHIP IN ENVIRONMENTAL SCIENCE Repeatable 1-3 Units

ENVS CI 497 EXCHANGE STUDY Repeatable 1-12 Units

ENVS CI 498 INDEPENDENT STUDY IN ENVIRONMENTAL SCIENCE Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

ENVS CI 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

English as a Second Language Courses

ESL 310 SURVEY OF EDUCATIONAL LINGUISTICS 3 Units
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. CROSS-LISTED: CIGENRL 310, CIGENRL 510, ESL 310, ESL 510
PREREQ: ENGLISH 101 AND ENGLISH 102 OR CONSENT OF THE INSTRUCTOR

ESL 320 SECOND LANGUAGE ACQUISITION 3 Units
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. CROSS-LISTED: CIGENRL 320, CIGENRL 520, ESL 320, ESL 520
PREREQ: CIGENRL 310/ESL 310

ESL 330 PEDAGOGICAL GRAMMAR FOR ENGLISH LEARNERS 3 Units
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. CROSS-LISTED: CIGENRL 330, CIGENRL 530, ESL 330, ESL 530
PREREQ: CIGENRL 310/ESL 310

ESL 350 INTRODUCTION TO ESL AND BILINGUAL-BICULTURAL EDUCATION 3 Units
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. CROSS-LISTED: CIGENRL 350, CIGENRL 550, ESL 350, ESL 550

ESL 354 CRITICAL PERSPECTIVES ON BILINGUAL LEARNERS IN SCHOOLS 3 Units
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.
PREREQ: CIGENRL 350/ESL 350

ESL 403 ESL METHODS AND CURRICULUM 4 Units
ESL methods and curriculum 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. This course includes a field experience in the schools in addition to regularly scheduled class meetings.
PREREQ: CIGENRL 350/ESL 350, CIGENRL 310/ESL 310 AND CIGENRL 320/ESL 320 OR CONSENT OF INSTRUCTOR CROSS-LISTED: ESL 403, CIGENRL 403, ESL 603

ESL 405 ASSESSMENT IN THE ESL/BILINGUAL CLASSROOM 3 Units
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. CROSS-LISTED: ESL 405, CIGENRL 405, CIGENRL 605
PREREQ: CIGENRL 403 OR ESL 403

ESL 455 TEACHING CONTENT IN THE BILINGUAL CLASSROOM 3 Units
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.
PREREQ: CIGENRL 403 OR ESL 403 CROSS-LISTED: ESL 455 AND CIGENRL 655

ESL 493 APPLIED STUDY IN ESL Repeatable 1-6 Units
Applied Study in ESL is a 1-6 variable credit course for students minoring in TESL. Students would enroll for at least 2 credits. Through working with English language learners with a variety of backgrounds, such as: UW-Whitewater international students enrolled in 680-161 or 680-162, employees of local businesses, parents of children in the Whitewater schools, or other appropriate groups, students will put to practical use the teaching skills they have developed through other courses in the minor. Repeatable for a maximum of 6 credits in minor.
PREREQ: ENGLISH 281 AND PROFICIENCY ENGLISH COMPLETION

ESL 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
**Film Courses**

**FILM 100  INTERNATIONAL FILM APPRECIATION Repeatable 1 Units**
This course seeks to expand the cinematic horizon of course participants and to expose them to historical, social, economic, and political issue of non-US cultures through film.

**FILM 110  VISUAL CULTURE IN AMERICA 3 Units**
This course explores the history and enduring significance of visual culture in America. Themes the course will explore include the role of technology in visual culture, modern consumerism, cinematic representation, and the postmodern digital collage of contemporary culture.

**FILM 266  GENDER AND FILM 3 Units**
Students will learn to critically view, consider, and describe films, with special attention to representations of sexuality and gender. The course will include instruction in gender theory and methods for deploying gender analysis in the context of film studies.
PREREQ: ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161
CROSS-LISTED: ENGLISH/WOMENST/FILM 266

**FILM 272  CRITICAL WRITING IN MULTIMEDIA CONTEXTS 3 Units**
In this course, students will learn to conceptualize, structure, and produce analytical writing in multiple forms within digital contexts. Since such contexts are often multi-modal–layered with visual images as well as sound–instruction will include the analysis and appropriation of the visual and auditory in critical writing.
COREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162
CROSS-LISTED: ENGLISH/FILM 272

**FILM 350  FILM GENRE Repeatable 3 Units**
Film Genre examines the conventions, development, and cultural contexts of a rotating selection of film genres, with a focus on the stylistic innovations, recurrent themes, and varying interpretations of representative films and/or filmmakers. Repeatable with change of instructor.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

**FILM 352  LITERATURE ON FILM Repeatable 3 Units**
This course examines the complex cultural work of adapting literature to film. Through critical analysis of narrative fiction - short stories, novels, plays, graphic novels - and the films they inspire, students will investigate the history, narrative, conventions, iconic elements, and cultural significance of literary adaptations to film. Repeatable with change of instructor.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105
CROSS-LISTED: FILM 352 AND ENGLISH 352

**FILM 354  STAGE PLAYS ON FILM 3 Units**
In this course, students will study stage plays as well as the ways in which screenwriters and filmmakers adapt those plays for the big screen.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105
CROSS-LISTED: FILM 354 AND ENGLISH 354

**FILM 356  TEXT AND IMAGE 3 Units**
This course is a theoretical and practical study of story-based visual media and how audiences understand what they see. It introduces principles of narrative and traces how these have changed (or not changed) through the evolution of both the media we consume and the nature of our media consumption. Primary materials include comics, tv, film, and video games.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

**FILM 358  TOPICS IN FILM STUDIES Repeatable 3 Units**
This course considers important issues in Film Studies not fully addressed in regular film courses. Topics offered will be of particular social and academic importance, and the course will include instruction in both reading and writing film criticism. Repeatable with change of instructor.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

**FILM 374  QUEER CINEMA 3 Units**
In Queer Cinema, students will deploy analyses of gender and sexuality that respond to the possibilities and limitations of the medium. Queer Cinema is appropriate for any student who wishes to learn how to apply complex theories of gender representation and sexual identity to the analysis of visual narratives.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

**FILM 376  SCREENWRITING 3 Units**
Practical experience in writing scripts for cinema and/or television, with special emphasis on the creative, theoretical, and critical processes.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 376/FILM 376

**FILM 483  CINEMA AUTEURS Repeatable 3 Units**
In Cinema Auteurs, students will learn to analyze film in international contexts. The course will either focus on a director whose work crosses national and language boundaries or compare two established film directors, one working in English and one working in another language. Repeatable with topic change.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

**FILM 485  FILM THEORY 3 Units**
In this course, students will learn how film theory developed, study the work of major film theorists, and analyze specific films using sophisticated theoretical lenses. Topics will vary.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

**FILM 497  EXCHANGE STUDY Repeatable 1-12 Units**
Variable topics

**FILM 498  INDEPENDENT STUDY Repeatable 1-3 Units**
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

**French Courses**

**FRENCH 141  BEGINNING FRENCH I 4 Units**
Introductory French language course designed to help students develop written, oral, reading, and cultural competency.

**FRENCH 142  BEGINNING FRENCH II 4 Units**
Continuation of FRENCH 141.
PREREQ: FRENCH 141 OR EQUIVALENT

**FRENCH 251  INTERMEDIATE FRENCH I 4 Units**
Intermediate French language course designed to help students further develop written, oral, reading, and cultural competency. Not open to native speakers.
PREREQ: FRENCH 142 OR EQUIVALENT

**FRENCH 252  INTERMEDIATE FRENCH II 4 Units**
Continuation of French 251. Intermediate French language course designed to help students further develop written, oral, reading, and cultural competency. Not open to native speakers.
PREREQ: FRENCH 251 OR EQUIVALENT
FRENCH 310  FRENCH PHONETICS  3 Units
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 students ability to render French orally.
PREREQ: FRENCH 252

FRENCH 321  ADVANCED FRENCH LANGUAGE STUDY I  3 Units
A thorough study of the structure of the language. Practical application through conversation and composition.
PREREQ: FRENCH 321 OR EQUIVALENT

FRENCH 322  ADVANCED FRENCH LANGUAGE STUDY II  3 Units
Continuation of FRENCH 321.
PREREQ: FRENCH 321 OR EQUIVALENT

FRENCH 331  READINGS IN MODERN FRENCH  3 Units
Language study through reading and discussion in French of selected texts in modern French. Emphasis on vocabulary acquisition and grammatical usage.
PREREQ: FRENCH 252

FRENCH 332  READINGS IN MODERN FRENCH  3 Units
Similar to FRENCH 331; with different texts.
PREREQ: FRENCH 252

FRENCH 340  CONTEMPORARY FRENCH SOCIETY  3 Units
A study of the French way of life today as reflected in its cultural, religious, educational, political and social institutions.
PREREQ: ONE 300 LEVEL FRENCH COURSE

FRENCH 350  FRENCH CIVILIZATION  3 Units
Study of the political, social, intellectual, artistic and literary development of France, from the Middle Ages to the present.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 370  INTRODUCTION TO BUSINESS FRENCH  3 Units
This course seeks to familiarize students with both practical linguistic skills and functional cultural competence in a French-speaking professional environment. Students will learn key terminology, compose professional correspondence, prepare a job portfolio with CV and application letter, and engage in mock interviews. The course also provides a comparison of professional and business culture in French-speaking and U.S. countries.
PREREQ: FRENCH 321 OR CONSENT

FRENCH 375  INTRODUCTION TO FRENCH TRANSLATION  3 Units
Students learn basics of French to English translation by studying the history of translation as well as linguistic, cultural, professional, and ethical aspects of translation. They will then apply these concepts to translate a variety of genres, from technical, medical, and legal texts to literary and audiovisual texts. Class is taught in French and English.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 390  FRENCH CONVERSATION  Repeatable  1 Units
A course designed to maintain and increase oral fluency in French. Emphasis on spontaneous use of the language. Repeatable five times for maximum of 6 credits in major/degree.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 451  SURVEY OF FRENCH LITERATURE  3 Units
General history of French literature from its beginning to the end of the eighteenth century. Reading of representative works of prose and poetry.
PREREQ: NINE CREDITS OF 300 LEVEL FRENCH COURSES

FRENCH 452  SURVEY OF FRENCH LITERATURE  3 Units
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: NINE CREDITS OF 300 LEVEL FRENCH COURSES

FRENCH 481  FRENCH CLASSICS  3 Units
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: NINE CREDITS OF 300 LEVEL FRENCH COURSES

FRENCH 491  TRAVEL STUDY  Repeatable  3 Units
Variable topics. Faculty-led courses abroad. Repeatable

FRENCH 493  INTERNSHIP IN FRENCH  Repeatable  1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.
PREREQ: SIX CREDITS OF 300 OR 400 LEVEL FRENCH COURSES

FRENCH 494  SEMINAR  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable
PREREQ: 9 UNITS OF 300 LEVEL COURSES OR CONSENT OF INSTRUCTOR

FRENCH 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable.

FRENCH 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: MAJOR OR MINOR IN FRENCH

FRENCH 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.

FRENCH 499  FRENCH THESIS  1-3 Units
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO FRENCH MAJORS

General Education Courses

GENED 291  GENERAL EDUCATION TRAVEL STUDY  Repeatable  1-3 Units
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.

GENED 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.
**Geography Courses**

**GEOGRPY 100  INTRODUCTION TO GEOGRAPHY  1 Units**
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: DECLARED GEOGRAPHY MAJOR

**GEOGRPY 120  INTRODUCTION TO METEOROLOGY  4 Units**
This course provides students with a fundamental understanding of the processes that are responsible for the changes in day-to-day weather patterns. The primary focus is on the physical properties of the Earth's system that control those patterns. Topics investigated include Earth's energy and water budgets, cyclone development and evolution, severe weather, and a basic understanding of climate systems.
PREREQ: MATH 139 OR MATH 141 OR WAIVER

**GEOGRPY 210  PHYSICAL GEOGRAPHY  5 Units**
A study of selected physical aspects of our geographic environment. Emphasis is given to the origin and characteristic features of topographic, climatic, vegetative and soil regions of the earth and to their interrelationships. The ultimate objective is to provide a foundation upon which to build a better understanding of human interrelationships with the physical environment. Field trips are normally taken.
PREREQ: MATH 139 OR MATH 141 OR WAIVER

**GEOGRPY 230  HUMAN GEOGRAPHY  3 Units**
A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.

**GEOGRPY 232  GEOGRAPHY OF RACE AND ETHNICITY IN THE UNITED STATES  3 Units**
The course takes a geographical approach to the study of ethnic and racial groups in the United States. Native American, African American, Latino/a American, and Asian American groups are studied systematically. Major topics include mobility, culture regions, the cultural landscape created by the various ethnic and racial groups, immigration, segregation, and their associated politics.
PREREQ: SOPHOMORE STANDING

**GEOGRPY 245  GENDER AND GEOGRAPHY  3 Units**
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.
CROSS-LISTED: GEOGRPY 245 AND WOMENST 245

**GEOGRPY 250  GEOGRAPHY OF WISCONSIN  3 Units**
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  GLOBAL ENVIRONMENTAL CHALLENGES  3 Units**
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  LANDSCAPES OF NORTH AMERICA: PEOPLE AND ENVIRONMENT  3 Units**
The United States and Canada have a diverse geography of land, water, and people. This course explores the regional connections between economic activities, cultures, physical characteristics, and natural resources in North America.

**GEOGRPY 270  GIS I: MAPPING OUR WORLD  3 Units**
Time to get “spatial!” Geographic. To see the world in terms of relationships between places and things, patterns and processes. Students will learn how to use geographic information systems (GIS) to analyze spatial patterns and communicate through maps. Issues, problems, and examples will be used from a variety of natural resources, social science, and business fields.
PREREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

**GEOGRPY 300  SOIL SCIENCE  3 Units**
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 GEOLOGY 100 OR GEOLOGY 101 OR BIOLOGY 142 OR CONSENT OF INSTRUCTOR

**GEOGRPY 310  GEOMORPHOLOGY (LANDFORMS)  3 Units**
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 GEOLOGY 100 OR CONSENT OF INSTRUCTOR

**GEOGRPY 320  WEATHER ANALYSIS  3 Units**
This course examines the fundamental properties of the atmosphere through the use of weather data and weather maps. The primary focus is on analyzing and interpreting various types of weather data, through case studies, to understand energy and mass exchanges, wind patterns, air masses, tropical and mid-latitude cyclones, and severe weather phenomena.
PREREQ: GEOGRPY 210 OR CONSENT OF INSTRUCTOR

**GEOGRPY 323  WATER RESOURCES  3 Units**
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 GEOLOGY 100 OR GEOLOGY 101 OR BIOLOGY 142 OR CONSENT OF INSTRUCTOR

**GEOGRPY 330  BIOGEOGRAPHY  3 Units**
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 Units**
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.
GEOGRPY 333 GEOGRAPHY OF RELIGION 3 Units
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.
CROSS-LISTED: GEOGRPY 333 AND RELIGST 333

GEOGRPY 334 HISTORICAL GEOGRAPHY 3 Units
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 335 GEOGRAPHY OF POPULATION AND MIGRATION 3 Units
This course examines the economic, social, and political processes that contribute to spatial patterns of population and migration throughout the world. Case studies are used to understand contemporary issues of population growth, labor migration, refugee resettlement, immigration policy, and transnational identity.

GEOGRPY 340 ECONOMIC GEOGRAPHY 3 Units
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 Units
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 Units
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 Units
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

GEOGRPY 361 GEOGRAPHY OF SOUTH AND SOUTHEAST ASIA 3 Units
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: GEOGRPY 361 AND ASIANSTD 361

GEOGRPY 362 GEOGRAPHY OF EUROPE 3 Units
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 364 GEOGRAPHY OF EAST ASIA 3 Units
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: GEOGRPY 364 AND ASIANSTD 364

GEOGRPY 365 GEOGRAPHY OF LATIN AMERICA 3 Units
A study of the activities of the peoples of Mexico, Central America, South America and the West Indies, including means of addressing historical and contemporary issues of economic, social, cultural and political development across the Americas.
PREREQ: GENED 140 OR GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR

GEOGRPY 370 GIS II: APPLICATIONS AND DATA 4 Units
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.
PREREQ: GEOGRPY 270 OR CONSENT OF INSTRUCTOR

GEOGRPY 377 REMOTE SENSING OF THE ENVIRONMENT 3 Units
An introduction to the images, sensors, and techniques used to gather and process data on the Earth, 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.
PREREQ: SOPHOMORE STATUS OR CONSENT OF INSTRUCTOR

GEOGRPY 380 CARTOGRAPHY AND GEOVISUALIZATION 3 Units
With the growing use of maps on the web, cartography is experiencing a modern-day renaissance. Our class goals are to learn the principles of map design and apply them to create production-quality maps. We'll also explore advanced techniques for thematic maps and experiment with tools to create interactive web maps. By the course's end, students will have a portfolio of professional maps to share with employers and friends.
PREREQ: GEOGRPY 270

GEOGRPY 390 SPATIAL SOLUTIONS: GEOGRAPHIC DATA ANALYSIS 3 Units
Geographic data is constantly being collected, disseminated and analyzed by governments, businesses, and citizens. This course trains students in the potential and pitfalls of geospatial data analysis using quantitative techniques and modern software.
PREREQ: GEOGRPY 270 COREQ: GEOGRPY 370 OR CONSENT OF INSTRUCTOR
GEOGRPY 400  CAPSTONE IN GEOGRAPHY  1 Units
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  CLIMATE CHANGE: THE SCIENCE AND IMPACTS  3 Units
This course examines the topic of climate change from many perspectives. First, the science behind climate change is explored to determine the various natural and man-made influences on climate change. Second, the impacts are explored and how they are related to climate change; these topics range from the economic, political, cultural, and ecological.
PREREQ: JUNIOR STATUS OR CONSENT OF INSTRUCTOR

GEOGRPY 423  RIVERS AND FLOODS  3 Units
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 440  APPLIED GIS FOR SOCIAL AND BUSINESS RESEARCH  3 Units
This project-based course addresses social- and business-related issues through the application of Geographic Information Systems tools. Objectives of this course are to: 1) Introduce the student to site selection techniques; 2) Assess and map geodemographics (e.g., income, race, lifestyle characteristics) for target marketing; 3) To create professional reports and presentations derived from GIS analysis.
PREREQ: GEOGRPY 370 OR CONSENT OF INSTRUCTOR

GEOGRPY 444  CITIES AND SUSTAINABILITY  3 Units
A study of the historical, social and political framework of the urban and regional planning process with primary emphasis on understanding the links between sustainability and the configuration of urban space. Although American cities are emphasized, course content is placed within a broad global context. Students obtain exposure to professional planning approaches and a field trip is often required.
PREREQ: JUNIOR STATUS OR CONSENT OF INSTRUCTOR

GEOGRPY 452  CULTURAL ECOLOGY AND SUSTAINABLE DEVELOPMENT  3 Units
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  TOPICS IN HUMAN GEOGRAPHY  Repeatable  3 Units
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  GIS IN WATER RESOURCES  Repeatable  3 Units
The course focuses on the use of GIS to develop solutions to problems associated with water resources. Practical applications will include using GIS to spatially and temporally examine the relationship of watershed characteristics on soil erosion, wetlands, water quality, streamflow, and in-stream habitat. The course combines traditional lectures with computer time in labs equipped with the latest GIS software. Grading is heavily based on completion of projects/technical reports and the quality of GIS outputs.
PREREQ: GEOGRPY 270, GEOGRPY 370, AND (GEOGRPY 210 OR GEOGRPY 323)

GEOGRPY 470  APPLIED ENVIRONMENTAL AND NATURAL RESOURCE GIS  3 Units
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 477  ADVANCED GEOGRAPHIC INFORMATION SYSTEMS (GIS)  3 Units
Students will learn a variety of skills needed in professional GIS careers including field techniques (unmanned aerial vehicles and differential GPS), web-based GIS (servers and interactive cartography), and GIS automation through scripting (Python and JavaScript). Practical skills are developed through both field and lab work including applied real-world projects.
PREREQ: GEOGRPY 370

GEOGRPY 490  WORKSHOP  Repeatable  1-8 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable.

GEOGRPY 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led field courses.

GEOGRPY 492  FIELD COURSE  Repeatable  4-6 Units
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.

GEOGRPY 493  INTERNSHIP IN GEOGRAPHY  Repeatable  1-3 Units
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.

GEOGRPY 494  SEMINAR  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

GEOGRPY 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable one time for a maximum of 6 credits in major/degree.

GEOGRPY 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.
GEOLGY 203 VOLCANOES 3 Units
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 placed on volcanoes as major economic resources.

GEOLGY 204 EARTH AND LIFE HISTORY 3 Units
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 139 OR MATH 140 OR MATH 142 OR WAIVER

GEOLGY 310 ROCKS AND MINERALS 4 Units
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 OR GEOGRPY 210

GEOLGY 317 PALEONTOLOGY 3 Units
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. A 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

GEOLGY 318 GEOLOGIC STRUCTURES AND FIELD METHODS 4 Units
Study of causes behind formation of major structural features of earth plus identification techniques and description of geologic structures in field. Emphasizes (1) Understanding and quantifying geologic deformation, (2) material response to conditions of deformation, (3) identification/description of geologic structures in multiple scales, and (4) geologic field/data analyses techniques such as stereographic projections and preparation and interpretation of geologic maps.

PREREQ: (GEOLGY 100 OR GEOLGY 101 OR GEOGRPY 210) AND MATH 152
GEOLOGY 319 STRATIGRAPHY AND SEDIMENTATION 3 Units
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: GEOLOGY 100 OR GEOLOGY 101 OR GEOGRPHY 210 OR GEOLOGY 204 OR CONSENT OF INSTRUCTOR

GEOLOGY 352 GEOHAZARDS 3 Units
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. Repeatable
PREREQ: GEOGRPHY 210 OR GEOLOGY 100 OR GEOLOGY 101

GEOLOGY 451 NATURAL HISTORY OF YELLOWSTONE NP AND THE UPPER GREAT PLAINS 3 Units
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 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable.

GEOLOGY 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led field courses.

GEOLOGY 492 FIELD STUDIES IN GEOLOGY Repeatable 1-3 Units
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: GEOLOGY 100 OR CONSENT OF INSTRUCTOR

GEOLOGY 493 INTERNSHIP IN GEOLOGY Repeatable 1-3 Units
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.

GEOLOGY 494 SEMINAR Repeatable 1-3 Units
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.

GEOLOGY 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

GEOLOGY 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable Topics

GEOLOGY 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: EIGHT CREDITS IN GEOLOGY OR CONSENT OF INSTRUCTOR AND PROGRAM COORDINATOR

GEOLOGY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

GEOLOGY 499 GEOLOGY THESIS Repeatable 2-3 Units
Individual research for major writing a thesis under direct supervision of a member of the faculty. Available only for senior students.
PREREQ: SENIOR STATUS

German Courses

GERMAN 141 BEGINNING GERMAN I 4 Units
Introduction to the fundamental structure of German, equally emphasizing the skills of listening, speaking, reading, and writing.

GERMAN 142 BEGINNING GERMAN II 4 Units
Continuation of GERMAN 141.
PREREQ: GERMAN 141 OR EQUIVALENT

GERMAN 251 INTERMEDIATE GERMAN I 4 Units
Systematic deepening and improving of the four language skills with emphasis on the grammatical structure. Selected reading.
PREREQ: GERMAN 142 OR EQUIVALENT

GERMAN 252 INTERMEDIATE GERMAN II 4 Units
Continuation of GERMAN 251 including outside reading in the area of the student’s interest.
PREREQ: GERMAN 251 OR EQUIVALENT

GERMAN 310 GERMAN PHONETICS 3 Units
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 CONSENT OF INSTRUCTOR

GERMAN 321 ADVANCED GERMAN LANGUAGE STUDY I 3 Units
A thorough study of the structure of German with practice in oral and written application.
PREREQ: GERMAN 252 OR CONSENT OF INSTRUCTOR

GERMAN 322 ADVANCED GERMAN LANGUAGE STUDY II 3 Units
Same as GERMAN 321 but using different materials.
PREREQ: GERMAN 321 OR CONSENT OF INSTRUCTOR

GERMAN 331 READINGS IN MODERN GERMAN LITERATURE 3 Units
Reading and discussion of plays and short stories for comprehension and vocabulary building.
PREREQ: GERMAN 252 OR CONSENT OF INSTRUCTOR

GERMAN 332 READINGS IN MODERN GERMAN LITERATURE 3 Units
Reading and discussion of selected plays, short stories and poems for comprehension and vocabulary building.
PREREQ: GERMAN 331 OR EQUIVALENT OR GERMAN 252 WITH CONSENT OF INSTRUCTOR

GERMAN 350 GERMAN CIVILIZATION 3 Units
The political and cultural development of the German-speaking people with emphasis on present-day Germany, Austria and Switzerland.
PREREQ: SIX CREDITS OF 300 LEVEL COURSES IN GERMAN OR CONSENT OF INSTRUCTOR
GERMAN 360 GERMAN LANGUAGE AND CULTURE THROUGH FILM  3 Units
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 Repeatable 1 Units
A course designed to maintain and increase oral fluency in German. Emphasis on spontaneous use of the language.
PREREQ: SIX CREDITS OF 300 LEVEL COURSES IN GERMAN OR CONSENT OF INSTRUCTOR

GERMAN 451 SURVEY OF GERMAN LITERATURE  3 Units
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 GERMAN OR CONSENT OF INSTRUCTOR

GERMAN 452 SURVEY OF GERMAN LITERATURE  3 Units
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 GERMAN OR CONSENT OF INSTRUCTOR

GERMAN 490 WORKSHOP 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable
PREREQ: 9 UNITS OF 300 LEVEL COURSES OR CONSENT OF INSTRUCTOR

GERMAN 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

GERMAN 493 INTERNSHIP IN GERMAN Repeatable 1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.
PREREQ: 6 CREDITS OF 300 OR 400 LEVEL GERMAN OR CONSENT OF INSTRUCTOR

GERMAN 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

GERMAN 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: SIX CREDITS OF 300 LEVEL COURSES IN GERMAN OR CONSENT OF INSTRUCTOR

GERMAN 497 EXCHANGE STUDY Repeatable 1-26 Units
Variable topics. Repeatable

GERMAN 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: MAJOR OR MINOR IN GERMAN

GERMAN 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.

GERMAN 499 GERMAN THESIS 1-3 Units
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO GERMAN MAJORS

History Courses
HISTRY 102 INTRODUCTION TO AMERICAN INDIAN STUDIES  3 Units
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.
CROSS-LISTED: AMERIND 102 AND HISTRY 102

HISTORY 110 HISTORY THROUGH FILM Repeatable 3 Units
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. Repeatable.

HISTORY 124 AMERICAN HISTORY TO 1877  3 Units
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.

HISTORY 125 AMERICAN HISTORY SINCE 1877  3 Units
A study of the United States from 1877 to the present, analyzing the socio-economic, political and intellectual forces that have shaped the lives of underrepresented racial/ethnic groups as well as contemporary values, problems, and institutions. This course taken in conjunction with HISTRY 124 provides a complete American history survey.

HISTORY 130 THE EAST ASIAN TRADITION  3 Units
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.
CROSS-LISTED: HISTRY 130 AND ASIANSTD 130

HISTORY 131 EAST ASIA SINCE 1800  3 Units
A survey of China, Korea and Japan in the nineteenth and twentieth centuries centering on the process of modernization in these countries.
CROSS-LISTED: HISTRY 131 AND ASIANSTD 131

HISTORY 135 INTRODUCTION TO ISLAMIC CIVILIZATIONS  3 Units
This course examines emergence and evolution of Islamic Civilizations from the seventh century though 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.
CROSS-LISTED: HISTORY 135 AND RELIGST 135

HISTORY 141 MODERN BLACK AMERICAN HISTORY  3 Units
A critical examination and analysis of the status and role of Black Americans in the United States since 1865.
UNREQ: AFRIAMR 141 AND HISTRY 141
HISTORY 142 ANCESTRAL AFRICAN HISTORY 3 Units
This is an introductory class to Ancient African history spanning the
period from the earliest human societies up to the period before
the trans-Atlantic slave trade. Significant attention is placed on diversity,
achievements and technological developments of African societies,
and Africa's contributions and interactions with the wider world before
1400AD.
CROSS-LISTED: HISTORY 150 AND RACEETH 150

HISTORY 150 ATLANTIC HISTORY 3 Units
This course explores the historic Atlantic community from the Columbian
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.
CROSS-LISTED: HISTORY 150 AND RACEETH 150

HISTORY 154 WESTERN CIVILIZATION 3 Units
An examination of the social, cultural, political and economic forces
that have shaped Western civilization from early ancient Mediterranean
cultures to the eighteenth century.

HISTORY 155 HISTORY OF MODERN EUROPE 3 Units
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 HISTORY 154 provides a complete
survey of Western civilization.

HISTORY 190 NORTH AMERICAN ENVIRONMENTAL HISTORY 3 Units
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.

HISTORY 200 HISTORICAL METHODS 2 Units
This course provides an introduction to the methods historians use
to study the past. Through short assignments and quizzes, students
will develop their skills in critically reading, analyzing, and researching
historical topics. The emphasis is on basic research skills including
information literacy and citations.
PREREQ: HISTORY MAJOR, COMPLETION OF SIX UNITS IN HISTORY
(MAY INCLUDE GENED 120) OR CONSENT OF INSTRUCTOR

HISTORY 202 INTRODUCTION TO PUBLIC HISTORY 3 Units
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.
PREREQ: COMPLETION OF SIX UNITS IN HISTORY (MAY INCLUDE GENED
120) OR CONSENT OF INSTRUCTOR

HISTORY 241 CIVIL RIGHTS HISTORY: TRAVELING FREEDOM'S MAIN
LINE 3 Units
Explores the origins, history, and legacies of the Black civil rights
movement (c. 1950s - 1970s) at many of the sites where this history was
made (includes multi-state travel). Learning through place promotes an
experiential understanding of this freedom struggle and how it changed
the people who made it and the nation.
PREREQ: SOPHOMORE STANDING
CROSS-LISTED: HISTORY 241 AND AFRIAMR 241

HISTORY 255 CRITICAL ISSUES Repeatable 3 Units
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.

HISTORY 261 SOUTHEAST ASIA SINCE 1800 - TENSIONS OF
DEVELOPMENT 3 Units
Southeast Asia is a region that today consists of eleven nations. The
course is intended to provide a general introduction to Southeast Asia
to have a better understanding about the historical events that gave the
region its own regional identity and its deep implication to the changes of
global system in the nineteenth and twentieth centuries.

HISTORY 300 AMERICAN COLONIAL HISTORY TO 1763 3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 301 REVOLUTION AND CONFEDERATION 1763-1789 3 Units
A study of the revolutionary generation and of the political, economic and
social developments of the new nation to 1789.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 304 THE AGE OF CIVIL WAR AND RECONSTRUCTION
1850-1877 3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 305 FROM THE GILDED AGE TO THE WORLD STAGE,
1875-1920 3 Units
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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 306 AMERICA IN PROSPERITY, DEPRESSION AND WORLD
WAR II, 1919-1945 3 Units
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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 307 RECENT AMERICA, 1945 TO THE PRESENT 3 Units
A study of American society, diplomacy, economics, and politics from the
end of World War II to the present.

HISTORY 308 HMONG AMERICANS: HISTORICAL AND CONTEMPORARY
ISSUES 3 Units
This course focuses on the history, culture, and contemporary life of
Hmong Americans. In addition to exploring their origins and history in
China and Southeast Asia, this course investigates the ways in which
race, class, gender, and sexuality have shaped the social, cultural,
economic, and political transformations in the Hmong communities since
their immigration to America after the Vietnam War.
CROSS-LISTED: HISTORY 308 ASIANAM 308
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISTRY 310</td>
<td>ASIAN AMERICAN HISTORY, 1850-PRESENT</td>
<td>3</td>
<td>This course surveys Asian American history from 1850 to the present. It explores the changing experiences of Asian immigrants and Asian Americans within the larger context of immigration and race relations in American history, and it focuses on contemporary issues facing Asian Americans and how Asian Americans are changing the United States.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 311</td>
<td>WISCONSIN HISTORY</td>
<td>3</td>
<td>A study of Wisconsin from its first settlement to the present day with emphasis upon the late nineteenth century and the twentieth century.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 313</td>
<td>WOMEN IN AMERICAN HISTORY I: 1600-1875</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STATUS</td>
</tr>
<tr>
<td>HISTORY 314</td>
<td>WOMEN IN AMERICAN HISTORY II: 1875 TO THE PRESENT</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 321</td>
<td>A HISTORY OF BLACK MIGRATION IN THE U.S.</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: AFRIAMR 321 AND HISTRY 321</td>
</tr>
<tr>
<td>HISTRY 322</td>
<td>UNITED STATES FOREIGN RELATIONS AND EMPIRE, 1790 TO RECENT PAST</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 323</td>
<td>RACE, ROCK &amp; ROLL AND AMERICAN HISTORY</td>
<td>3</td>
<td>This course explores the history of rock music in America as a lens into race and ethnicity. It also uses the study of rock to teach methods of historical practice. Topics will include slave musical traditions, 19th century European ethnic and African-influenced music, the blues, jazz and modern rock.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTORY 324</td>
<td>AMERICAN INDIAN HISTORY</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: GENED 120 OR 3 CREDITS OF HISTORY OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 336</td>
<td>EMPIRES &amp; INVASIONS IN THE PRE-MODERN MIDDLE EAST: 500-1500</td>
<td>3</td>
<td>Empires &amp; 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.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 337</td>
<td>MODERNIZATION IN THE MIDDLE EAST</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 338</td>
<td>ARAB-ISRAELI CONFLICT, 1900-PRESENT</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTORY 339</td>
<td>THE CRUSADES IN COMPARATIVE PERSPECTIVE</td>
<td>3</td>
<td>This course focuses on the crusading movements of 1096-1254 CE and their impact on both Western European and Middle Eastern societies.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 340</td>
<td>MODERN AFRICA</td>
<td>3</td>
<td>The course covers the history of Africa from the mid-19th century to the contemporary period. The course examines major problems, events, and interactions in Africa and Africa's relationship with the world. Course themes include social change, colonial experience, independence movements, post-independence governments, globalization in Africa, and contemporary successes and problems.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 341</td>
<td>AFRICAN WOMEN'S HISTORY FROM 1800 TO THE 1970S (GH)</td>
<td>3</td>
<td>The course addresses the experiences of African women from 1800 to independent Africa with a focus on women's experiences and their contributions to African societies. The course cover changing ideas about gender and evaluates women's positions in African societies including rulers, warriors, politicians, activists, and average farmers.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: HISTRY/WOMENST 341</td>
</tr>
<tr>
<td>HISTRY 342</td>
<td>CONQUEST AND COLONIALISM IN LATIN AMERICA</td>
<td>3</td>
<td>This course introduces Latin American history from the pre-Columbian era to 1860. 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.</td>
<td>PREREQ: SOPHOMORE STANDING</td>
</tr>
<tr>
<td>HISTRY 343</td>
<td>MODERN LATIN AMERICA</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STANDING</td>
</tr>
<tr>
<td>HISTRY 346</td>
<td>HISTORY OF MEXICO</td>
<td>3</td>
<td>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.</td>
<td>PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
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</tbody>
</table>
HISTORY 347 REVOLUTIONARY CHANGE IN LATIN AMERICA 3 Units
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 STATUS

HISTORY 351 REBELLION AND REVOLUTION IN ENGLAND, 1066-1688 3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 352 SOCIETY AND CULTURE IN MODERN BRITAIN 1763-PRESENT 3 Units
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

HISTORY 353 ANCIENT HISTORY 3 Units
A study of the civilization of the Ancient Near East, of Greece and of Rome.
PREREQ: SOPHOMORE STANDING

HISTORY 354 MEDIEVAL EUROPE 3 Units
A survey of basic political, socio-economic, cultural and religious trends in European history from A.D. 300 to 1500.
PREREQ: SOPHOMORE STANDING

HISTORY 355 EARLY MODERN EUROPE, 1300-1600 3 Units
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

HISTORY 361 HISTORY OF SEXUALITY 3 Units
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

HISTORY 362 AMERICAN BUSINESS HISTORY 3 Units
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 America's society.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 363 FROM GODDESSES TO WITCHES: WOMEN IN PREMODERN EUROPEAN HISTORY 3 Units
This course is a history of women in ancient, medieval and early modern European history, roughly the period from 4000 B.C. to around 1750 C.E. 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

HISTORY 364 MODERN EUROPEAN WOMEN'S HISTORY 3 Units
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

HISTORY 365 HISTORY OF CAPITALISM IN THE WEST 3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 366 THE AGE OF EUROPEAN REVOLUTIONS, 1789-1848 3 Units
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

HISTORY 367 HISTORY OF RUSSIA SINCE 1815 3 Units
A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 368 MODERN CHINA 3 Units
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
CROSS-LISTED: HISTORY 385 AND ASIANSTD 385

HISTORY 369 MODERN JAPAN 3 Units
A survey of the political, economic, social, and cultural history of Europe since about 1914.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 370 THE AGE OF EUROPEAN REVOLUTIONS, 1789-1848 3 Units
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

HISTORY 371 HISTORY OF RUSSIA SINCE 1815 3 Units
A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 372 HISTORY OF RUSSIA SINCE 1815 3 Units
A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 373 HISTORY OF RUSSIA SINCE 1815 3 Units
A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 374 HISTORY OF RUSSIA SINCE 1815 3 Units
A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 375 THE AGE OF EUROPEAN REVOLUTIONS, 1789-1848 3 Units
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

HISTORY 376 RISE AND FALL OF THE FRENCH OVERSEAS EMPIRE 3 Units
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 INSTRUCTOR

HISTORY 377 HISTORY OF TWENTIETH CENTURY EUROPE 3 Units
A survey of the political, economic, social, and cultural history of Europe since about 1914.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 378 MODERN CHINA 3 Units
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
CROSS-LISTED: HISTORY 385 AND ASIANSTD 385

HISTORY 379 MODERN JAPAN 3 Units
A survey of the political, economic, social, and cultural history of Europe since about 1914.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 380 AMERICAN MILITARY HISTORY 3 Units
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 CONSENT OF INSTRUCTOR
<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Description</th>
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<tbody>
<tr>
<td>HISTRY 394</td>
<td>THE U.S. AT WAR IN VIETNAM</td>
<td>3</td>
<td>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 CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTORY 395</td>
<td>THEMATIC OR REGIONAL TOPICS IN HISTORY (VARIABLE TOPIC)</td>
<td>3</td>
<td>Repeatable Study of a major theme or region in history. The course may be defined thematically across geographical regions or by a study of a specific region overtime. The particular topic of the course will be published before registration. PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTORY 399</td>
<td>RESEARCH METHODS</td>
<td>3</td>
<td>History 399 is part of the history methods block of courses. Taken in sequence after History 200 and in preparation for History 499, this course will give students experience in exploring diverse archival and secondary source collection in preparation for their writing capstone experience in History 499. PREREQ: HISTRY 200, AT LEAST 18 UNITS OF HISTRY, JUNIOR STANDING, OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 403</td>
<td>HISTORY OF THE AMERICAN WEST</td>
<td>3</td>
<td>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 CREDITS OF HISTORY OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTORY 415</td>
<td>HISTORY OF SOCIAL WELFARE IN THE UNITED STATES</td>
<td>3</td>
<td>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 &quot;the needy&quot;, 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</td>
</tr>
<tr>
<td>HISTORY 422</td>
<td>GREAT TRIALS IN HISTORY</td>
<td>3</td>
<td>This course explores major themes in the history of Western Europe 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 CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTORY 425</td>
<td>HISTORY OF AMERICAN INDIAN LAW AND POLICY</td>
<td>3</td>
<td>The purpose of this course is to explain the unique nature of the historic and contemporary federal-Indian relationship. Students completing the course will gain a clearer understanding of the legal process by which American Indians were first subjugated to federal law and policy, and later became active agents by using that same legal system to preserve, protect, and enhance identity and tribal sovereignty in recent years. PREREQ: JUNIOR/SENIOR STATUS</td>
</tr>
<tr>
<td>HISTRY 445</td>
<td>20TH CENTURY COMPARATIVE GENOCIDES</td>
<td>3</td>
<td>The course covers major genocides in the 20th century. The course examines definitions of genocide, historical causes and consequences and contemporary debates regarding the local and global impacts of these events. The course also evaluates long-term consequences. This course is equivalent to a senior seminar and requires a 12 to 15-page research paper. PREREQ: HISTRY 200 AND 6 CREDITS OF 300 OR 400 LEVEL HISTORY, OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTORY 455</td>
<td>STUDIES IN EUROPEAN OR US HISTORY (VARIABLE TOPIC)</td>
<td>3</td>
<td>Repeatable Intensive study of a focused theme or topic in either European or US history close to the research interests of the faculty member. The course includes a 12 to 15-page research paper that serves as one of the artifacts for the senior history portfolio course. This is a variable topics course. PREREQ: HISTRY 200 AND 6 CREDITS OF 300 OR 400 LEVEL HISTORY, OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 465</td>
<td>STUDIES IN AFRICA, ASIA, MIDDLE EAST OR LATIN AMERICA (VARIABLE TOPIC)</td>
<td>3</td>
<td>Repeatable Intensive study of a focused theme or topic in African, Asian, Middle Eastern, or Latin American history close to the research interests of the faculty member. The course includes a 12 to 15-page research paper that serves as one of the artifacts for the senior history portfolio course. This is a variable topics course. PREREQ: HISTRY 200, 6 CREDITS OF 300 OR 400 LEVEL HISTORY, OR CONSENT OF INSTRUCTOR</td>
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<tr>
<td>HISTRY 475</td>
<td>SENIOR PORTFOLIO</td>
<td>1</td>
<td>Students will submit a variety of artifacts from course work from their history majors courses to a portfolio to demonstrate their level of accomplishment in skills related to the discipline of history. In addition students will also prepare materials for further education or employment such as a resume and requesting letters of reference. PREREQ: HISTORY MAJOR, ONE 400 LEVEL HISTORY CAPSTONE COURSE OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 490</td>
<td>WORKSHOP</td>
<td>1-6</td>
<td>Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.</td>
</tr>
<tr>
<td>HISTRY 491</td>
<td>TRAVEL STUDY Repeatable</td>
<td>1-3</td>
<td>Variable topics. Faculty-led courses abroad.</td>
</tr>
<tr>
<td>HISTRY 492</td>
<td>FIELD STUDY Repeatable</td>
<td>3-6</td>
<td>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: GENED 120 OR 3 CREDITS OF HISTORY OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 493</td>
<td>PUBLIC HISTORY INTERNSHIP Repeatable</td>
<td>1-6</td>
<td>Study and work with a historical agency under the direction of a faculty supervisor. May include a related research project. Students will have the opportunity to combine academic learning with practical experience in the operation of a historical agency. Repeatable for a maximum of 6 credits in the history major. PREREQ: HISTRY 200 AND HISTRY 202 OR CONSENT OF INSTRUCTOR</td>
</tr>
<tr>
<td>HISTRY 494</td>
<td>SEMINAR Repeatable</td>
<td>2</td>
<td>Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.</td>
</tr>
</tbody>
</table>
HISTORY 496 SPECIAL STUDIES IN HISTORY Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable two times for a maximum of 6 credits in major/degree.

HISTORY 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

HISTORY 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable two times for a maximum of 2 credits in major/degree.

HISTORY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable two times for a maximum of 2 credits in major/degree.

HISTORY 499 SENIOR THESIS 3 Units
A capstone writing seminar. Senior level History majors employ their previously completed research and analytical skills to complete a perceptive monograph.
PREREQ: HISTORY 200 AND HISTORY 399 OR CONSENT OF INSTRUCTOR.

HMONG Courses

HMONG 141 BEGINNING HMONG I 4 Units
Beginning Hmong I is designed for students with little or no knowledge of the Hmong language. Students will develop basic reading, writing, listening and speaking skills in Hmong. Students will also begin to examine the history of the Hmong people, language and culture in their native lands and in the United States.

HMONG 142 BEGINNING HMONG II 4 Units
Beginning Hmong II is designed for students who have passed Beginning Hmong I or have some knowledge of the Hmong language. Students will increase their Hmong proficiency level in reading, writing, listening and speaking. This course will explore Hmong language, culture and history in greater depth and allow students to discuss events orally.
PREREQ: BEGINNING HMONG I (HMONG 141) OR EQUIVALENT

Intensive English Institute Courses

IEI 51 BEGINNING LISTENING AND CONVERSATION 4 Units
Students develop initial conversational skills for fluency in daily social communication, on campus and in the community. The course includes an emphasis on pronunciation, including stress, rhythm, and intonation, as well as on vocabulary development. Students must pass this course with a C- or better to advance in the IEP.

IEI 53 BEGINNING READING AND WRITING 4 Units
Students develop initial reading and writing skills through reading and responding to texts. Students develop vocabulary, as well. Students must pass this course with a C- or better to advance in the IEP.

IEI 55 BEGINNING GRAMMAR & WRITING 4 Units
In English 055, students focus on grammatical accuracy in speech and writing by engaging in grammar study and practice through communicative activities at an initial proficiency level. Students must pass this course with a C- or better to advance in the IEP.

IEI 61 INTEGRATED ACADEMIC ENGLISH SKILLS 2 4 Units
In English 061, students develop academic English skills in the four language skills areas: listening, speaking, reading, and writing, with an emphasis on academic reading and writing. Students also develop improved control of grammatical structures. Students must pass this course with a C- or better to advance in IEP.

IEI 63 ORAL SKILLS 2 4 Units
In English 063, students use a variety of learning strategies to improve oral skills, including using academic vocabulary in context. Special attention is given to assisting students in accuracy and fluency, especially with language that is key to accessing university discourse.

IEI 65 CULTURE AND ACADEMIC CONVERSATIONS 4 Units
Students use a comparative approach in the study of U.S. culture. Discussion and written work introduce students to language and concepts within the academic contexts of the social sciences and cultural studies. Students must pass this course with a C- or better to advance in the IEP program.

IEI 69 SPECIAL TOPIC Repeatable 2-4 Units
English 069 is an intermediate-level special topics course, with topic based on IEP needs and student interest. Students must pass this course with a C- or better to advance in the IEP.

IEI 71 INTEGRATED ACADEMIC ENGLISH SKILLS 3 4 Units
In English 071, students continue to refine academic English skills in the four language skill areas: listening, speaking, reading and writing, with an emphasis on academic reading and writing. Students also increasing control of grammatical structures so that their academic expression continues to approach the level needed for academic success. Students must pass this course with a C- or better to advance in the IEP.

IEI 73 ORAL PRESENTATION SKILLS 4 Units
In English 073, students conduct short research assignments on campus and present their individual and group work using visual supports, such as posters, PowerPoint or Web-based presentation tools, such as VoiceThread. Through such assignments, students develop experience in public speaking in an academic setting. Students must pass this course with a C- or better to advance in the IEP.

IEI 75 ADVANCED PRONUNCIATION AND SPEECH SKILLS 2 Units
In English 075, students refine accuracy in pronunciation and further refine their control of spoken English for comprehensibility in social and academic settings. Students will conduct a community project in which they speak to a general audience (such as school group or a children's library story time). Student must pass this course with a C- or better to advance in the IEP.

IEI 79 SPECIAL TOPIC Repeatable 2-4 Units
English 079 is a special topics course at the advanced intermediate level. Topics are developed based on IEP needs and student interest. Students must pass this course with a C- or better to advance in the IEP.

IEI 81 ADVANCED ACADEMIC READING IN ESL 4 Units
Development of critical thinking skills in reading and ability to express complex, academic arguments for participation in university courses. Students must pass this course with a C- or better to exit the IEP. This course satisfies the English 101 University Proficiency Requirement.

IEI 83 COLLEGE WRITING IN ENGLISH AS A SECOND LANGUAGE 4 Units
Students learn the fundamentals of writing an academic research paper. Students conduct a brief literature review, design and conduct a group research project to address a research question, and write a paper. Students must pass this course with a C- or better to exit the IEP.
UNREQ: ENGLISH 102, ENGLISH/IEI 162
IEI 161 ADVANCED ACADEMIC READING IN ESL 4 Units
Development of critical thinking skills in reading and ability to express complex, academic arguments for participation in university courses. Students must pass this course with a C- or better to exit the IEP. This course satisfies the English 101 University Proficiency Requirement.
UNREQ: ENGLISH 100/101 ENGLISH/IEI 161

IEI 162 COLLEGE WRITING IN ENGLISH AS A SECOND LANGUAGE 4 Units
Students learn the fundamentals of writing an academic research paper. Students conduct a brief literature review, design and conduct a group research project to address a research question, and write a paper. Students must pass this course with a C- or better to exit the IEP.
UNREQ: ENGLISH 102, ENGLISH/IEI 162

IEI 163 INTRODUCTION TO U.S. CULTURE FOR INTERNATIONAL STUDENTS 4 Units
Study of U.S. culture from interdisciplinary perspectives by examining cultural topics (such as the changing form of the family, educational opportunity, economic change) to come to a deeper understanding of U.S. and the students’ home cultures. Students must pass this course with a C- or better to exit the IEP.

IEI 164 SPECIAL TOPICS Repeatable 2-4 Units
English 164 is a special topics course in English for specific purposes, repeatable by change in topic. If enrolled in the IEP, students must pass this course with a C- or better.

Intrauniversity Courses

INTRAUNV 93 CAREER READINESS INTERNSHIP Repeatable 1-3 Units
This is a non-degree seeking continuing education, repeatable course. It is part of a two-semester internship program to build and enhance job readiness and employment outcomes of individuals with developmental, intellectual or severe disabilities. Each internship is hosted at one of 27 business sites, in partnership with Project SEARCH, a Division of Vocational Rehabilitation, pre-employment training opportunity. Prior approval required.

INTRAUNV 104 NEW STUDENT SEMINAR 1 Units
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 as well as develop skills of social interaction, self-awareness, and personal development.
PREREQ: OPEN TO FIRST SEMESTER NEW STUDENTS ONLY (FRESHMEN TRANSFER IN DESIGNATED SECTIONS) ANTI-REQ: STUDENTS MAY NOT REPEAT INTRAUNV 104

INTRAUNV 124 SERVICE LEARNING & LEADERSHIP 1 Units
This course is designed for learning community students, as an opportunity to maintain contact with instructors from linked fall/spring courses, engage in service in the surrounding community and receive training in leadership. This course will directly focus on the Liberal Education America’s Promise (LEAP) Essential Learning Outcome (ELO) of Personal and Social Responsibility.

INTRAUNV 144 CAREER AND ACADEMIC PLANNING 1 Units
This class is designed to provide students with an approach to career and academic development that includes career assessment, educational/career research, clarification of majors and career interests. Students will also learn about school and work related decision-making and goal setting processes.

INTRAUNV 244 CONSUMERS AND CULTURE 3 Units
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 PREREQ

INTRAUNV 296 SPECIAL STUDIES 1-3 Units

INTRAUNV 300 CREDIT FOR PRIOR LEARNING PORTFOLIO COURSE Repeatable 1.5-4.5 Units
The Credit for Prior Learning Portfolio Course offers adult students and veterans the opportunity to demonstrate, through portfolio, college-level learning they have already done but not earned credit for. Students who build successful portfolios can earn credit for up to three courses offered at UW-W.

INTRAUNV 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

INTRAUNV 494 SEMINAR Repeatable 1-3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

INTRAUNV 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

INTRAUNV 497 INDEPENDENT STUDIES Repeatable 1-12 Units

INTRAUNV 498R INDEPENDENT STUDIES Repeatable 1 Units
Study of a selected topic or topics in undergraduate research under the direction of a faculty member. Repeatable.

International and Area Studies Courses

INTRNAR 200 ISSUES IN INTERNATIONAL STUDIES: INQUIRY AND WRITING IN THE MAJOR 3 Units
Introduction to International Studies is the gateway course to the major. It is a writing-intensive course that will help students develop the communication and critical analysis skills necessary to succeed in higher-level courses in their emphases. It also introduces them to career options to students with International Studies degrees.
PREREQ: INTERNATIONAL STUDIES MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

INTRAUNV 291 TRAVEL STUDY Repeatable 1-4 Units
Variable topics. Faculty-led courses abroad.

INTRAUNV 348 INTERNATIONAL ORGANIZATIONS 3 Units
The course will explore theoretical perspectives as well as the expanding roles of international organizations in the context of global politics. It will 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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: POLISCI 348 AND INTRNAR 348
INTRNAR 488 TOPICS IN INTERNATIONAL STUDIES Repeatable 3 Units
An intensive study of selected topics in International Studies. Subject matter will vary depending on the department and faculty member responsible for the course. Repeatable for a maximum of 6 credits in major/degree (for different topics only).

INTRNAR 491 TRAVEL STUDY Repeatable 1-4 Units
Variable topics. Faculty-led courses abroad.

INTRNAR 493 INTERNSHIP IN INTERNATIONAL AND AREA STUDIES Repeatable 1-12 Units
Study and work with an international unit or in some area of public affairs under the direction of a faculty supervisor. Students will have the opportunity to combine academic learning with practical experience in government and politics. Repeatable for a maximum of 12 credits in major/degree.

INTRNAR 494 SEMINAR Repeatable 1-3 Units
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.

INTRNAR 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

INTRNAR 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

INTRNAR 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Japanese Courses

JAPANESE 101 BEGINNING JAPANESE I 4 Units
Japanese 101 is the first semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.

JAPANESE 102 BEGINNING JAPANESE II 4 Units
Japanese 102 is the second semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.

JAPANESE 103 BEGINNING JAPANESE III 4 Units
Beginning Japanese III is the third semester Japanese course. Its main objective is to continue the development of the four foundational language skills: speaking, listening, writing and reading. This course helps students to communicate and exchange information about familiar topics using a variety of basic grammar and expressions, and to interact in brief social interactions in everyday situations.

JAPANESE 201 INTERMEDIATE JAPANESE I 4 Units
Intermediate Japanese I is the fourth semester Japanese course. Its main objective is the development of the four main language skills at an intermediate level of proficiency. This course helps students to participate in conversations on a number of familiar topics using simple sentences, and interact in brief social interactions in everyday situations.

JAPANESE 202 INTERMEDIATE JAPANESE II 3 Units
Intermediate Japanese II is the fifth semester Japanese course. Its main objective is to continue the development of the four language skills at an intermediate level of proficiency, as well as of sociolinguistic knowledge of the language. This course helps students to communicate everyday needs in common conversational situations and to handle uncomplicated social situations.

JAPANESE 203 INTERMEDIATE JAPANESE III 3 Units
Intermediate Japanese III is the sixth semester Japanese course. Its main objective is to enhance and further develop the four language skills at an intermediate level of proficiency. This course helps to develop knowledge of grammar and vocabulary needed for topics beyond everyday life, converse in an organized way about events and people’s experiences, places, and cultural topics.

JAPANESE 301 JAPANESE CONTEMPORARY ISSUES THROUGH THE LENS OF THE MEDIA 3 Units
This course aims to familiarize students with the linguistic, cultural and social aspects of Japan through a variety of contemporary media.

JAPANESE 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

JAPANESE 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

JAPANESE 493 INTERNSHIP IN JAPANESE Repeatable 1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.

JAPANESE 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

JAPANESE 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

JAPANESE 497 EXCHANGE STUDY Repeatable 1-99 Units
Variable topics. Repeatable.

JAPANESE 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

JAPANESE 499 THESIS IN JAPANESE STUDIES 1-3 Units
PREREQ: JAPANESE 203 OR CONSENT OF INSTRUCTOR

Jornalism Courses

JOURNALISM 220 FOUNDATIONS OF ADVERTISING 3 Units
A survey of advertising and its role as an institution in society, both as a marketing tool and as a communication process.
JOURNLSM 224  MEDIA CRITICISM  3 Units
An introduction to critical and analytical approaches to writing about narrative performative and media texts, such as film, television, stage plays, and digital/online texts. Students will learn about the form and historical/production contexts of media texts and will write reviews and critical analyses of specific films, TV shows, video games, and other texts, for a variety of outlets and audiences.

JOURNLSM 227  WRITING FOR NEWS MEDIA  3 Units
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 Units
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, RESTRICTED TO STUDENTS WITH A MAJOR OF JOURNALISM W/BROADCAST/PRINT/WEB EMPHASIS OR W/ INTERNATIONAL JOURNALISM EMPHASIS OR WITH A MINOR OF JOURNALISM

JOURNLSM 241  ELECTRONIC MEDIA COPYWRITING  3 Units
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.
PREREQ: JOURNLSM 227 OR COMM 203

JOURNLSM 248  PUBLICATION LAYOUT  3 Units
This course is a study of newspaper, magazine and on-line production that integrates working with text and 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  Repeatable 1 Units
A laboratory journalism course in which the student elects to work on the University newspaper or photo staff. A student may earn 1 hour of credit for each term of work and a maximum of 3 credits toward graduation. 
COREQ: JOURNLSM 227

JOURNLSM 303  FEATURE WRITING  3 Units
A study of feature writing and editorial writing and their roles in print publications. Experience in writing feature articles and opinion pieces.
PREREQ: JOURNLSM 227 OR JOURNLSM 241 OR COMM 203

JOURNLSM 304  SPORTS JOURNALISM  3 Units
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  HISTORY OF MASS COMMUNICATION  3 Units
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.
PREREQ: JUNIOR/SENIOR STATUS

JOURNLSM 309  MEDIA ETHICS  3 Units
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: (A) COMM 238 AND COMM 239 OR (B) COMM 131 OR (C) JOURNLSM 227 OR (D) JOURNLSM 220, AND 2.5 GPA IN THE MAJOR QUALIFIER BLOCK FOR EACH MAJOR BELOW: ELECTRONIC MEDIA: BROADCAST/PRINT/WEB: ADVERTISING:

JOURNLSM 310  PUBLICATION PHOTOGRAPHY  3 Units
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 Units
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 Units
This course provides an overview of the development of advertising media objectives and strategies. It examines the characteristics of the various media and processes of selecting and buying. Students will learn to understand 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  Repeatable 1-3 Units
The core of the class will be the planning and execution of regularly scheduled live television news programs produced in the studio of Cable 6. The instructor of the class will guide the students in that activity. Students in the course will each have a specific role to play in the production. The number of credits is variable.
PREREQ: COMM 238 AND EITHER JOURNLSM 227 OR JOURNLSM 241
JOURNLSM 341  TELEVISION NEWS REPORTING AND PRODUCTION  3 Units
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: COMM 238 AND EITHER JOURNLSM 227 OR JOURNLSM 241

JOURNLSM 347  JOURNALISM FOR THE WEB  3 Units
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 364  ADVERTISING AND PUBLIC RELATIONS ACCOUNT MANAGEMENT  3 Units
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 RESTRICTED TO STUDENTS WITH A MAJOR OF JOURNALISM W/ADVERTISING EMPHASIS OR COMMUNICATION W/PUBLIC RELATIONS EMPHASIS OR WITH A MINOR OF ADVERTISING OR COMMUNICATION W/PUBLIC RELATIONS EMPHASIS

JOURNLSM 420  LAW OF MASS COMMUNICATION  3 Units
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 227 OR JOURNLSM 220 OR COMM 131

JOURNLSM 423  ADVERTISING CAMPAIGNS  3 Units
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: COMM 275 AND JOURNLSM 320 AND JOURNLSM 322; COREQ: JOURNLSM 364 AND JOURNLSM 309

JOURNLSM 425  ADVANCED ADVERTISING CREATIVE  3 Units
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  COMMUNICATION AND PUBLIC OPINION  3 Units
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 227 OR JOURNLSM 220 OR ANY COURSE IN POLITICAL SCIENCE OR SOCIOLOGY, AND EITHER JUNIOR STANDING OR INSTRUCTOR CONSENT

JOURNLSM 431  MASS COMMUNICATION IN SOCIETY  3 Units
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 JOURNLSM 227 OR JOURNLSM 220

JOURNLSM 486  JOURNALISM CAPSTONE: PUBLIC AFFAIRS  3 Units
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 227 AND JOURNLSM 237 AND SR STANDING OR CONSENT OF DEPT CHAIR; RESTRICTED TO STUDENTS WITH MAJOR OF JOURNALISM W/BROADCAST/PRINT/WEB EMPH OR W/INTERNATIONAL JOURNALSM EMPH OR WITH A MINOR OF JOURNALSM COREQ: JOURNLSM 309 AND JOURNLSM 420

JOURNLSM 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

JOURNLSM 493G  INTERNSHIP IN JOURNALISM  Repeatable  1-3 Units
Professional experiences in which the student who aspires to a career in journalism works for an approved internship setting in broadcasting, on-line, or print journalism under the supervision of a professional in that field.

JOURNLSM 493A  INTERNSHIP ADVERTISING  Repeatable  1-3 Units
Professional experience in which the student who aspires to a career in advertising works for an approved employer in his/her area of interest under the supervision of a professional in that field.

JOURNLSM 494  SEMINAR  Repeatable  1-4 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.

JOURNLSM 496  SPECIAL STUDIES  Repeatable  1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

JOURNLSM 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable

JOURNLSM 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS

Latinx Studies Courses

LATINX 150  INTRODUCTION TO CHICANX STUDIES  3 Units
Identifies and interprets internal and external cultural experiences converging to form the present day Chicano.

LATINX 200  INTRODUCTION TO CHICANX LITERATURE  3 Units
Identifies and interprets Chicano literature in a social and historical context giving students an introduction to literature written by and about Chicano.
CROSS-LISTED: CHICANO 200 AND ENGLISH 200

LATINX 202  INTRODUCTION TO U.S. LATINX LITERATURE  3 Units
The course will present students with the diverse U.S. Latinx experiences, by introducing them to texts that examine literary works by authors of Latino/Latina backgrounds, in their historical context and cultural context.
CROSS-LISTED: ENGLISH 202 AND RACEETH 202
LATINX 310 CHICANX HISTORY 3 Units

LATINX 337 LATINX LITERATURE 3 Units
This course deepens students' knowledge of the literatures produced by U.S. citizens and/or U.S. residents of Latinx descent. It considers the complex ways in which 1) history, 2) group and individual experience, 3) cultural values and traditions, and 4) collisions and collaborations with other cultures in the US come together to shape Latinx identity, writing and overall literary expression.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: ENGLISH 337 LATINX 337

LATINX 407 LATINA/LATIN AMERICAN WOMEN’S WRITING, ACTIVISM & CHANGE 3 Units
This course analyses writing by Latinas and Latin American women (XIX century-present), as well as the theories that frame their writing. Exposed to various themes and writing styles, students will engage in textual analysis and critical discussion to reflect on the authors’ cultural and historical challenges as they engage in social change from their gendered and/or racialized critical identities.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162; OR ANY LATINX, OR CHICANO COURSE; OR CONSENT OF INSTRUCTOR
CROSS-LISTED: LATINX 407 WOMENST 407

LATINX 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

LATINX 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

LATINX 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

LATINX 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Liberal Studies Courses

LIBST 201 INTRODUCTION TO LIBERAL STUDIES 2 Units
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 capstone project.
PREREQ: GENED 110, GENED 130, GENED 120 OR GENED 140 OR SOPHOMORE STATUS

LIBST 350 TECHNOLOGY AND SOCIAL RESPONSIBILITY 3 Units
This course is an examination of the impact of various types of technology on a user's view of and behaviors regarding social responsibility. The use of digital technologies (such as social media, blogs, wearable technologies, video games) will be examined with regard to issues of gender, race, class, and sexuality, public health, political dissidence, and capitalism.
PREREQ: SOPHOMORE STANDING

LIBST 366 SEX, GENDER, AND TELEVISION 3 Units
This course will focus on analysis of television production, content, and audience reception from the perspective of feminist and cultural theory, with consideration for historical and contemporary texts. Text and images will be examined for representations of sex, gender, women, and LGBT+ individuals with regard to how those representations impact meaning making, identity formation, politics, and social responsibility.
PREREQ: SOPHOMORE STANDING

LIBST 400 CAPSTONE IN LIBERAL STUDIES 1 Units
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 SENIOR STATUS

LIBST 493 INTERNSHIP IN LIBERAL STUDIES Repeatable 1-3 Units
Variable topics.

LIBST 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

LIBST 497 EXCHANGE STUDIES Repeatable 1-12 Units
Variable topics.

LIBST 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

LIBST 499 SENIOR THESIS 3 Units
Individual research under the supervision of a member of the faculty.

LS Interdepartmental Courses

LSINDP 282 LEARNING ASSISTANT SEMINAR Repeatable 1 Units
Tutoring methods and practice are discussed with a focus on inquiry-based learning. Students are required to spend at least one hour each week tutoring any middle school, high school, or university student(s) or as a Learning Assistant in addition to participating in weekly discussions.

LSINDP 291 TRAVEL STUDY Repeatable 1-3 Units
Individual research under the supervision of a faculty member. Repeatable.

LSINDP 296 SPECIAL STUDY Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable only with change of topic.

LSINDP 399 CAREER INFORMATION IN LETTERS & SCIENCES 1 Units
Offered on a satisfactory/no credit basis only. Career information specifically for Letters & Sciences majors, focuses 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 STATUS

LSINDP 484 DISABILITY STUDIES SEMINAR 1 Units
Students participating in the intensive individual learning stage of the Disability Studies Certificate (i.e., internship, independent study, undergraduate research, or service learning project) will discuss their learning experiences and disability and accessibility with other student participants. Each student will make a final presentation to the group.
PREREQ: SPECED 201 SOCIOLOGY 315
LSINDP 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

LSINDP 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

LSINDP 494 SEMINAR Repeatable 1-3 Units
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.

LSINDP 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

LSINDP 497 EXCHANGE STUDY Repeatable 0.5-12 Units
Variable topics.

LSINDP 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

Mathematics Courses

MATH 41 BEGINNING ALGEBRA 4 Units
A course for those who need to strengthen their basic algebra skills. Topics include properties of the real numbers, linear and quadratic equations, linear inequalities, exponents, polynomials, rational and radical expressions, and systems of linear equations. The course credits count towards the semester credit load and GPA, but are not included in the 120 credit graduation requirement.
PREREQ: APPROPRIATE SCORE ON THE UW MATH PLACEMENT TEST

MATH 49 WORKSHOP Repeatable 1-3 Units
Variable credit course offering with a defined topic. Repeatable with a change of topic.

MATH 139 QUANTITATIVE REASONING 3 Units
A quantitative reasoning course which includes topics from college algebra (such as functions, linear, exponential and logarithmic models), statistics, and probability. Emphasizes modeling, problem-solving and applications. Designed for students whose programs do not require further coursework in pre-calculus or calculus. Appropriate for students majoring and minoring in areas such as the arts, humanities, social sciences, and education.
PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR WAIVER CROSS-LISTED: MATH 139/MATH 139W

MATH 140 MATHEMATICAL IDEAS 3 Units
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 for students who do not wish to take any course having MATH 141 as a prerequisite.
PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR WAIVER CROSS-LISTED: MATH 140, MATH 140W

MATH 141 FUNDAMENTALS OF COLLEGE ALGEBRA 4 Units
A functional approach to algebra with emphasis on applications to different disciplines. Topics include linear, exponential, logarithmic, quadratic, polynomial and rational equations and functions, systems of linear equations, linear inequalities, radicals and rational exponents, complex numbers, variation. Properties of exponents, factoring, and solving linear equations are reviewed.
PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR WAIVER

MATH 142 COLLEGE ALGEBRA 4 Units
Study of polynomial, radical, rational, piecewise, exponential, and logarithmic functions, including basic graphs, transformations, inverses, and combining functions; solving equations and inequalities both algebraically and graphically is explored. Applications to other disciplines are used to enhance conceptual understanding.
PREREQ: MATH 41 WITH A C OR BETTER OR PLACEMENT INTO MATH 142 UNREQ: MATH 152

MATH 143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES 3 Units
Mathematical preparation for the understanding of quantitative methods in management and social sciences. Topics include sets, relations, linear functions, interest, annuities, matrices, solution of linear systems by graphical, algebraic, Gauss-Jordan, and inverse methods, linear programming by graphical and simplex methods, counting and probability. College of Business and Economics majors must take this course on a conventional grade basis.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER

MATH 147 MATHEMATICS IN EARLY CHILDHOOD LEARNING 4 Units
A study of topics in early childhood mathematics, including sets, numbers, operations, measurement, data, and geometry. The focus is on increasing conceptual understanding of mathematics, highlighting connections, and developing the ability to communicate mathematical knowledge. Problem-solving methods used by children will also be explored. Manipulatives, cooperative learning activities, and problem solving strategies are used throughout the course.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER, OR WAIVER

MATH 148 MATHEMATICS FOR THE ELEMENTARY TEACHER I 3 Units
A study of topics in early childhood through early adolescence mathematics, including sets, fundamental operations of arithmetic, fundamental algorithms, and structural properties of arithmetic. The focus is on increasing conceptual understanding of mathematics, highlighting connections, and developing the ability to communicate mathematical knowledge. Problem-solving methods used by children will also be explored. Manipulatives, cooperative learning activities, and problem solving emphasized.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER, OR WAIVER

MATH 149 MATHEMATICS FOR THE ELEMENTARY TEACHER II 3 Units
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.
PREREQ: MATH 147 WITH A GRADE OF C OR BETTER OR MATH 148 WITH A GRADE OF C OR BETTER
MATH 151 TRIGONOMETRY 3 Units
Study of trigonometric functions including basic graphs, transformations, and inverses; trigonometric functions are studied through the unit circle and right triangle approaches. Also studied are trigonometric identities, equations, and applications, including Law of Sines and Law of Cosines, as well as polar coordinates.
PREREQ: MATH 141 WITH A C OR BETTER OR MATH 139 WITH A B OR BETTER COREQ: MATH 150 OR CONSENT OF INSTRUCTOR UNREQ: MATH 152

MATH 152 PRECALCULUS 5 Units
Study of polynomial, radical, rational, piecewise, exponential, logarithmic, and trigonometric functions, including basic graphs, transformations, inverses, and combining functions; solving equations and inequalities both algebraically and graphically is explored. In addition, trigonometric functions are studied through the unit circle and right triangle approaches. Also studied are vectors, trigonometric identities, trigonometric equations, and polar coordinates.
PREREQ: MATH 141 WITH A GRADE OF C OR BETTER UNREQ: MATH 150 AND MATH 151

MATH 177 THE LOGIC OF CHESS 1 Units
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.

MATH 200 MATHEMATICS: FORM AND FUNCTION 1 Units
An introduction to abstract and applied mathematical thinking, including exploration of career opportunities in the mathematical sciences. Centered around the dual question of "What is mathematics, and what is it good for?", this course serves as an introduction to the mathematics major and minor and includes an overview of the different emphases within the major.
COREQ: MATH 253

MATH 230 INTRODUCTION TO STATISTICAL REASONING AND ANALYSIS 3 Units
A course on the principles, procedures and concepts surrounding the production, summarization and analysis of data. Emphasis on critical reasoning and interpretation of statistical results. Content includes: probability, sampling, and research design; statistical inference, modeling and computing; practical application culminating in a research project.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER, OR WAIVER

MATH 243 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES 4 Units
A survey of calculus emphasizing business and social science applications. Topics covered include related algebraic concepts and skills, limits, differentiation, max-min theory, exponential and logarithmic functions, and integration. Other topics included at instructor discretion.
PREREQ: MATH 142 WITH A GRADE OF C OR BETTER OR MATH 143 WITH A GRADE OF C OR BETTER OR MATH 152 WITH A GRADE OF C OR BETTER

MATH 250 APPLIED CALCULUS SURVEY FOR BUSINESS AND SOCIAL SCIENCES 5 Units
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. A student may earn credit for only one of MATH 243, MATH 250, and MATH 253.
PREREQ: MATH 143 OR MATH 150 OR MATH 152, EACH WITH A GRADE OF C OR BETTER UNREQ: MATH 253

MATH 253 CALCULUS AND ANALYTIC GEOMETRY I 5 Units
Review of algebraic and trigonometric functions, transcendental functions, limits, study of the derivative, techniques of differentiation, continuity, applications of the derivative, L’Hospital’s Rule and indeterminate forms, the Riemann integral, Fundamental Theorem of Calculus, the substitution rule, and applications of the integral, including volumes of revolution and average value.
PREREQ: (MATH 152 WITH A GRADE OF C OR BETTER) OR (MATH 150 AND MATH 151, BOTH WITH A GRADE OF C OR BETTER) UNREQ: MATH 250

MATH 254 CALCULUS AND ANALYTIC GEOMETRY II 4 Units
Techniques of integration, introduction to differential equations, parametric equations, and infinite sequences and series.
PREREQ: MATH 253 OR (MATH 250 AND MATH 151) OR (MATH 250 AND MATH 152), EACH WITH A GRADE OF C OR BETTER

MATH 255 CALCULUS AND ANALYTIC GEOMETRY III 4 Units
A course in multivariable calculus. Topics include: solid analytic geometry; vectors and vector functions; functions of several variables, including limits, continuity, partial and directional derivatives, gradient vectors, and Lagrange multipliers; multiple integrals in rectangular, cylindrical, and spherical coordinates; line and surface integrals; Green’s Theorem, Stokes’ Theorem, and the Divergence Theorem.
PREREQ: MATH 254 WITH A C OR BETTER

MATH 263 INTRODUCTION TO R 1 Units
This course will cover basic topics in R, a statistical computing framework. Topics include writing R functions, manipulating data in R, accessing R packages, creating graphs, and calculating basic summary statistics.
COREQ: MATH 250 OR MATH 253

MATH 280 DISCRETE MATHEMATICS 3 Units
This course provides an introduction to mathematical proof, beginning with a discussion of formal logic. Topics include sets, functions, relations, number theory, combinatorics, and probability.
PREREQ: MATH 250 WITH A GRADE OF B OR BETTER OR MATH 253 WITH A GRADE OF C OR BETTER

MATH 281 PUTNAM COMPETITION AND PROBLEM SOLVING Repeatable 1 Units
Preparation for the William Lowell Putnam Competition. Includes advanced problem solving techniques in pure mathematics. Review of previous examination problems and related material. May be repeated for a total of four credits. Satisfactory/No Credit only.
PREREQ: MATH 253 OR CONSENT OF INSTRUCTOR COREQ: MATH 280 OR CONSENT OF INSTRUCTOR

MATH 298 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

MATH 301 INTRODUCTION TO ANALYSIS 3 Units
A first course in real analysis. Topics include properties of the real numbers, convergence of sequences, monotone and Cauchy sequences, continuity, differentiation, the Mean Value Theorem, and the Riemann integral. Emphasis is placed on proof-writing and communicating mathematics.
PREREQ: MATH 254 WITH A GRADE OF C OR BETTER, AND MATH 280
MATH 342  APPLIED STATISTICS  3 Units
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 250 OR MATH 253) WITH A GRADE OF C OR BETTER AND (MATH 263 OR COMPSCI 172 OR COMPSCI 174)

MATH 343  APPLIED PROBABILITY THEORY AND PRACTICE  3 Units
Sets and counting, probability spaces, discrete and continuous random variables, mathematical expectation, discrete and continuous distributions with applications and probabilistic computing using R.
PREREQ: (MATH 250 OR MATH 253) WITH A GRADE OF C OR BETTER AND (MATH 263 OR COMPSCI 172 OR COMPSCI 174)

MATH 346  THEORY OF INTEREST  3 Units
This course will cover the topics of interest theory listed in the Society of Actuaries/Casualty Actuarial Society syllabus for Exam FM/2. Topics include the time value of money, annuities, loans, bonds, general cash flows and portfolios, and immunization schedules.
PREREQ: MATH 254 WITH A C OR BETTER

MATH 352  INFINITE PROCESSES FOR THE ELEMENTARY TEACHER  3 Units
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 relationships to change and area will be covered.
PREREQ: (MATH 152 WITH A GRADE OF C OR BETTER) OR (MATH 150 AND 151, BOTH WITH A GRADE OF C OR BETTER)

MATH 353  COLLEGE GEOMETRY  5 Units
This course is adapted for the prospective high school mathematics teacher. Topics include 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.
PREREQ: MATH 280

MATH 355  MATRICES AND LINEAR ALGEBRA  3 Units
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 WITH A GRADE OF B OR BETTER OR MATH 253 WITH A GRADE OF C OR BETTER

MATH 359  PROBABILITY & STATISTICS FOR TEACHERS  4 Units
An introduction to probability and statistics for teachers. Topics covered include counting techniques, basic probability theory, exploratory data analysis, simulation, randomization, and statistical inference. This course contains a writing component.
PREREQ: MATH 253 OR (MATH 250 AND MATH 151) OR (MATH 250 AND MATH 152), EACH WITH A GRADE OF C OR BETTER

MATH 361  DIFFERENTIAL EQUATIONS  3 Units
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 254 WITH A C OR BETTER

MATH 362  APPLIED NONPARAMETRIC STATISTICS  3 Units
This course covers theory and applications of commonly used distribution-free tests such as the sign test and the Wilcoxon signed rank test. Other topics include: the Kruskal-Wallis and Friedman tests for analysis of variance, nonparametric regression, and nonparametric bootstrapping.
PREREQ: (MATH 342 WITH A GRADE OF C OR BETTER) OR (MATH 343 WITH A GRADE OF C OR BETTER)

MATH 370  PROBLEM SOLVING FOR THE ELEMENTARY TEACHER  3 Units
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 WITH C OR BETTER

MATH 375  DEVELOPMENT OF MATHEMATICS  3 Units
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 WITH A GRADE OF C OR BETTER, OR (MATH 150 AND MATH 151, BOTH WITH C OR BETTER) OR CONSENT OF INSTRUCTOR

MATH 381  MATHEMATICAL MODELING AND SIMULATION  3 Units
Modeling involving formulation of deterministic, stochastic and rule-based models and computer simulation in order to make predictions. Topics may include unconstrained and constrained growth models, equilibrium and stability, force and motion, predator-prey model, enzyme kinetics, data-driven models, probability distributions, Monte Carlo simulations, random walk, diffusion, cellular automaton simulations, and high performance computing.
PREREQ: MATH 254 WITH A GRADE OF C OR BETTER AND MATH 355

MATH 415  MODERN ALGEBRA AND NUMBER THEORY FOR THE ELEMENTARY TEACHER  3 Units
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 370 OR CONSENT OF INSTRUCTOR

MATH 416  GEOMETRY FOR THE ELEMENTARY TEACHER  3 Units
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 370 OR CONSENT OF INSTRUCTOR

MATH 417  NUMBER THEORY  3 Units
A study of the properties of integers, representation of integers in a given base, properties of primes, arithmetic functions, module arithmetic. Diophantine equations and quadratic residues. Consideration is also given to some famous problems in number theory.
PREREQ: MATH 280 OR MATH 415 OR CONSENT OF INSTRUCTOR

MATH 420  APPLIED REGRESSION ANALYSIS  3 Units
This is a second course in regression analysis and its applications. Topics include correlation, simple and multiple linear regression, model assumptions, inference of regression parameters, regression diagnostics and remedial measures, categorical predictors, multicollinearity, and model selection. Real data are emphasized and analyzed using statistical software such as R or SAS.
PREREQ: MATH 342 OR CONSENT OF INSTRUCTOR
MATH 421  MATHEMATICS FOR HIGH SCHOOL TEACHERS I  3 Units
The course revisits the high school curriculum from an advanced perspective. The focus is on deepening understanding of concepts, highlighting connections and solving challenging problems. The mathematical content includes number systems, functions, equations, integers, and polynomials. Connections to geometry are emphasized throughout the course.
PREREQ: MATH 280, MATH 301 AND AT LEAST AN ADDITIONAL 3 CREDITS IN UPPER LEVEL MATH

MATH 422  MATHEMATICS FOR HIGH SCHOOL TEACHERS II  3 Units
The course continues the exploration of the high school curriculum from an advanced perspective that was started in MATH 421. The focus is on deepening understanding of concepts, highlighting connections and solving challenging problems. The mathematical content includes congruence, distance, similarity, trigonometry, area, and volume. Connections to algebra are emphasized throughout the course.
PREREQ: MATH 353 AND MATH 421

MATH 423  EXPERIMENTAL DESIGN AND ANALYSIS OF VARIANCE  3 Units
An introduction to applied experimental design with emphasis on the construction of causal knowledge, analytical techniques, and statistical publication requirements. Topics include single and multiple factor, randomized block, and repeated measure designs; model selection, underlying assumptions, inference, diagnostics, multiple comparison procedures, confidence intervals, effect sizes, and difficulties in applied research settings. The R computing platform will be used.
PREREQ: MATH 342 WITH A GRADE OF C OR BETTER

MATH 430  SAMPLING, DESIGN, AND ANALYSIS OF SURVEY DATA  3 Units
Practical issues in sampling, applied survey research, analysis of complex survey data, and professional reporting are emphasized. Topics include random and non-random sampling, parameter estimation, bias, questionnaire design and wording, psychology of participant response, data imputation, weighting, finite population correction, analysis of categorical data and hierarchical linear models. Students will conduct survey research and complete a data analysis project.
PREREQ: MATH 342 WITH A GRADE OF C OR BETTER

MATH 431  TOPOLOGY  3 Units
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 CONSENT OF INSTRUCTOR

MATH 442  MATHEMATICAL STATISTICS  4 Units
This course will cover moment generating functions; multivariate probability distributions including moments of linear combinations of random variables and conditional expectation; functions of random variables; sampling distributions and the Central Limit Theorem; the theory and properties of estimation; confidence intervals; and the Neyman-Pearson Lemma, likelihood ratio tests and common tests of hypotheses.
PREREQ: MATH 255 WITH A GRADE OF C OR BETTER AND MATH 343 WITH A GRADE OF C OR BETTER

MATH 452  INTRODUCTION TO ABSTRACT ALGEBRA  3 Units
An introductory survey of abstract algebra and number theory with emphasis on the development and study of the number systems of integers, integers mod n, rationals, reals, and complex numbers. These offer examples of and motivation for the study of the classical algebraic structures of groups, rings, integral domains and fields.
PREREQ: MATH 280 OR CONSENT OF INSTRUCTOR
UNREQ: MATH 415 AND MATH 452

MATH 453  ABSTRACT ALGEBRA  3 Units
This course is a continuation of MATH 452 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  APPLIED MATHEMATICAL ANALYSIS  3 Units
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  PARTIAL DIFFERENTIAL EQUATIONS  3 Units
Fourier analysis, partial differential equations and boundary value problems, complex variables, and potential theory.
PREREQ: MATH 361

MATH 463  COMPLEX VARIABLES  3 Units
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 471  ADVANCED CALCULUS  3 Units
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: MATH 301 OR CONSENT OF INSTRUCTOR

MATH 474  NUMERICAL ANALYSIS  3 Units
An analytic, geometric, and intuitive study 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 OR CONSENT OF INSTRUCTOR

MATH 490  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

MATH 492  FIELD STUDY  Repeatable  1-3 Units
A study for which data is obtained or observations are made outside the regular classroom. Repeatable. Instructor Consent required.
MATH 493 MATH INTERNSHIP  Repeatable  1-3 Units
MATH 494 SEMINAR  Repeatable  2 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable. Instructor Consent required.

MATH 496 SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable three times maximum in 6 years. Instructor Consent required.

MATH 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics

MATH 498 INDEPENDENT STUDY  Repeatable  1-5 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

MATH 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

MATH 499 PROJECT FOR MAJORS  1 Units
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: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

Miscellaneous Courses
MISC 497 EXCHANGE STUDY  1-12 Units
Variable topics.

Peace and Justice Studies Courses
PAX 200 INTRODUCTION TO PEACE AND SOCIAL JUSTICE  3 Units
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, GENED 130 OR GENED 140 CROSS-LISTED: PAX 200, POLISCI 200, SOCIOLOGY

PAX 375 RESTORATIVE JUSTICE  3 Units
This course offers an overview of Restorative Justice including a consideration of definitions, cultural roots, theoretical origins, key principles, models and practices, global conflicts and peaceful resolutions, controversial issues, and future directions. The course also provides a critical assessment of the potential of Restorative Justice as well as its limitations.
PREREQ: SOCIOLOGY 276 OR CONSENT OF INSTRUCTOR CROSS-LISTED: PAX 375 AND SOCIOLOGY 375

PAX 490 WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

PAX 491 TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

PAX 496 SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

PAX 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

PAX 498 INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

Philosophy Courses
PHILSPHY 101 INTRODUCTION TO PHILOSOPHY  3 Units
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 121 TRUTH AND THE MEDIA  3 Units
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 245 CONTEMPORARY MORAL ISSUES  3 Units
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 246 BUSINESS ETHICS  3 Units
This course offers a critical examination and discussion of ethical issues and problems which arise within all areas of business. Topics include but are not limited to: workers’ rights, harassment and discrimination in the workplace, whistleblowing, and consumer ethics.

PHILSPHY 247 BIOETHICS  3 Units
This course introduces key ethical approaches such as Kantian ethics, utilitarianism, and feminist ethics and addresses their application to issues in health care. 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  3 Units
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  3 Units
In this course, students will develop skill in recognizing, constructing, and evaluating arguments, both deductive and inductive. Methods include identifying formal and informal fallacies, techniques for determining the validity of deductive arguments, and symbolizing English arguments.

PHILSPHY 261 INTRODUCTION TO ETHICS  3 Units
The first half of this course studies major ethical theories, offering students some frameworks for moral reasoning. The second half of the course applies those theories to a variety of current moral issues of immediate relevance to the students’ lives.
PHILSPHY 271 INTRODUCTION TO AESTHETICS  3 Units
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.

PHILSPHY 281 SOCIAL PHILOSOPHY  3 Units
A discussion of ideas that are basic to thinking about society, its purposes, and its structure. Such ideas as justice, equality, rights, obligations and freedom are examined.

PHILSPHY 310 KNOWLEDGE AND REALITY  3 Units
This course examines key philosophical positions and figures regarding knowledge (epistemology) and reality (metaphysics). We will ask questions such as: What do we know? How do we know? What is reality? Why is there a world? What is space? What is time? and What is social ontology?
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

PHILSPHY 320 PHILOSOPHY OF SCIENCE  3 Units
Science is an important human enterprise. This course is designed to provide a more philosophical understanding of science so that one can critically assess claims people make about evidence, confirmation, theory, model, simulation, causation, etc. It presupposes no previous knowledge of philosophy or any particular science, only a serious curiosity about them.

PHILSPHY 341 CLASSICAL PHILOSOPHY  3 Units
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 OR CONSENT OF INSTRUCTOR

PHILSPHY 342 MODERN PHILOSOPHY  3 Units
This course concentrates on the main movements in philosophy from Descartes through Kant. Principal works from the major philosophers will be read.

PHILSPHY 346 19TH CENTURY PHILOSOPHY  3 Units
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 Units
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 350 PHILOSOPHY OF MIND  3 Units
This course explores conceptual issues including: how mental activities correlate with brain activities, how the mind relates to action, how the mind’s attention can be gripped by the physical world, and how research in A.I. informs our understanding of the nature of the mind.
PREREQ: SOPHOMORE STANDING

PHILSPHY 351 SEXUAL ETHICS  3 Units
This course covers a range of moral issues surrounding sex and sexuality through the lens of contemporary analytic philosophy. Topics include but are not limited to: gender identity, gender equality, discrimination, sexual exploitation, consent, prostitution, and pornography. PHILSPHY 261: Introduction to Ethics is recommended but not required.

PHILSPHY 355 ETHICS OF GAMING  3 Units
The course uses central ethical theories to investigate gaming. We will focus on questions such as "What is a game?" "What is cheating?" "How is my identity and agency within a game related to my identity and agency outside of a gaming environment?" "What distinguishes esports from non-esports?" "How can we ethically treat professionals in the gaming industry?
PREREQ: SOPHOMORE STANDING

PHILSPHY 364 EXISTENTIALISM  3 Units
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 Units
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 STANDING OR CONSENT OF INSTRUCTOR

PHILSPHY 390 FEMINIST PHILOSOPHY  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

PHILSPHY 393 INTERNSHIP IN PHILOSOPHY  Repeatable  1-12 Units
Study and work with a government unit or in some area of public affairs under the direction of a faculty supervisor. Students will have the opportunity to combine academic learning with practical experience in government and politics. Repeatable for a maximum of 12 credits in major/degree.

PHILSPHY 400 WORKSHOP Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

PHILSPHY 402 SEMINAR Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable

PHILSPHY 406 SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

PHILSPHY 407 EXCHANGE STUDY Repeatable  1-12 Units
Variable topics.

PHILSPHY 408 INDEPENDENT STUDY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

Physics Courses

PHYSICS 100 ENERGY  3 Units
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.
PHYSICS 120  LIGHT AND COLOR  4 Units
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.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

PHYSICS 130  PHYSICS FOUNDATIONS  5 Units
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.
COREQ: MATH 139 OR MATH 141 OR CONSENT OF INSTRUCTOR
UNREQ: PHYSICS 212

PHYSICS 140  PRINCIPLES OF PHYSICS I  5 Units
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.
COREQ: MATH 152
UNREQ: PHYSICS 160 AND PHYSICS 170

PHYSICS 141  PRINCIPLES OF PHYSICS II  5 Units
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.
PREREQ: PHYSICS 140

PHYSICS 150  FROM EINSTEIN TO STAR TREK  3 Units
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.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

PHYSICS 180  PHYSICS FOR SCIENTISTS AND ENGINEERS I  5 Units
A lecture/lab 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 two-hour lab per week. Previous study of calculus recommended.
COREQ: MATH 253

PHYSICS 181  PHYSICS FOR SCIENTISTS AND ENGINEERS II  5 Units
A lecture/lab 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 two-hour lab per week.
PREREQ: PHYSICS 180 OR CONSENT OF INSTRUCTOR; COREQ: MATH 254

PHYSICS 190  FRONTIERS OF ENGINEERING AND PHYSICS  Repeatable  1 Units
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  4 Units
An activity-based, hands-on learning course that focuses on conceptual understanding of physics phenomena. The course emphasizes a student-oriented pedagogy. Topics include motion, force, energy, light, heat, electricity, and magnetism as well as the nature of science. Elementary education students will find this course particularly helpful as it explores ideas related to how children and students learn physics.
PREREQ: MATH 141 OR MATH 139 AND RESTRICTED TO STUDENTS WITH BSE PROGRAM OR INSTRUCTOR CONSENT UNREQ: PHYSICS 130

PHYSICS 221  INTERMEDIATE LABORATORY  2 Units
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.
PREREQ: (PHYSICS 181 OR PHYSICS 141) AND MATH 254

PHYSICS 240  PHYSICS OF SOUND AND MUSIC  3 Units
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.
COREQ: MATH 139 OR MATH 140 OR MATH 141

PHYSICS 290  PHYSICS RECITATIONS I  1 Units
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 Units
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 305  MECHANICS - STATICS  3 Units
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.
PREREQ: PHYSICS 181 OR PHYSICS 141 AND MATH 254
PHYSICS 310 MECHANICS - DYNAMICS 3 Units
A study of classical mechanics. Topics will include Newtonian mechanics, Lagrangean and Hamiltonian formalisms, symmetry principles, conservation laws, oscillations, central force and two-body problems, collisions and scattering cross-sections, motion in non-inertial reference frames, and rigid body motion. Required of all majors and minors in physics. Three one-hour lectures per week. PREREQ: PHYSICS 324 WITH A GRADE OF C OR BETTER

PHYSICS 316 INTRODUCTION TO MATERIALS SCIENCE 3 Units
An introduction to materials science with emphasis on general properties of materials. Topics will include bonding, crystal structure, defects in materials, failure, phase diagrams, and mechanical, electrical, optical, thermal and magnetic properties of metals, ceramics, electronic materials, composites and organic materials. PREREQ: (PHYSICS 181 OR PHYSICS 141) AND CHEM 102 OR CONSENT OF INSTRUCTOR

PHYSICS 321 INTRODUCTION TO NANOTECHNOLOGY 3 Units
Since nanotechnology is an interdisciplinary field, students taking this course will develop a cross-disciplinary communication. They will learn the basics of physical phenomena at nanoscales. Through the in-class experimental activities, students will gain hands-on experience and will develop a better understanding of most common tools used in nanotechnology. PREREQ: PHYSICS 130 OR PHYSICS 141 OR PHYSICS 181 OR CONSENT OF INSTRUCTOR

PHYSICS 324 METHODS OF THEORETICAL PHYSICS 4 Units
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. PREREQ: (PHYSICS 181 OR PHYSICS 141) AND MATH 254

PHYSICS 325 CLASSICAL ELECTROMAGNETISM 3 Units
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 4 Units
An introductory lab-based 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. PREREQ: PHYSICS 221

PHYSICS 344 MODERN PHYSICS 4 Units
Topics covered include relativity, selected topics of 20th century physics, atomic and molecular structure, elementary quantum physics and its applications in modern technology, elementary nuclear physics and fundamental particles. Laboratory experiments complement material presented in lectures. PREREQ: (PHYSICS 181 OR PHYSICS 141) AND MATH 254

PHYSICS 360 OPTICS 4 Units
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

PHYSICS 364 THERMAL PHYSICS 3 Units
A study of the Laws of Thermodynamics and Statistical Mechanics. Thermodynamic topics include potentials, equilibrium, phase transitions and critical phenomena with applications to gasses, liquids and solids. Statistical Mechanics topics include Maxwell-Boltzmann, Fermi-Dirac and Bose-Einstein Statistics. PREREQ: PHYSICS 324 WITH A C OR BETTER AND EITHER PHYSICS 344 OR PHYSICS 425

PHYSICS 389 JUNIOR SEMINAR 1 Units
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. Students will also learn about career, internship, and graduate school opportunities and prepare materials for future applications. PREREQ: JUNIOR STANDING AS A PHYSICS MAJOR OR PERMISSION OF INSTRUCTOR

PHYSICS 424 VIBRATIONS AND WAVES 3 Units
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 Units
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 490 WORKSHOP Repeatable 1-8 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 3 credits in major or minor in physics.

PHYSICS 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led field courses.

PHYSICS 493 PHYSICS COOPERATIVE EDUCATION 1 Units
The course gives the student an opportunity to intersperse full time study with full time employment. The student will be interviewed by a potential employer identified by the Physics Department. If accepted as an employee, the student may work from one to four terms. A work term is defined as a semester or a summer of employment. No more than two credits may be counted towards the Physics Major. A written report is required. PREREQ: PHYSICS 181
<table>
<thead>
<tr>
<th>PHYSICS 494</th>
<th>PHYSICS SEMINAR</th>
<th>Repeatability: 1 Units</th>
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<tbody>
<tr>
<td>Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.</td>
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<td>PREREQ: SENIOR STATUS</td>
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<thead>
<tr>
<th>PHYSICS 496</th>
<th>SPECIAL STUDIES</th>
<th>Repeatability: 1-10 Units</th>
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<tbody>
<tr>
<td>Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in major or minor in physics.</td>
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<tr>
<td>PREREQ: MAJOR OR MINOR IN PHYSICS, JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR</td>
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<tr>
<th>PHYSICS 497</th>
<th>EXCHANGE STUDY</th>
<th>Repeatability: 1-12 Units</th>
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<tr>
<td>Variable Topics</td>
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<thead>
<tr>
<th>PHYSICS 498</th>
<th>INDEPENDENT STUDY</th>
<th>Repeatability: 1-3 Units</th>
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<tbody>
<tr>
<td>Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major or minor in physics.</td>
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<td>PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR</td>
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<tr>
<th>PHYSCS 498R</th>
<th>INDEPENDENT STUDENT - UNDERGRADUATE</th>
<th>RESEARCH</th>
<th>Repeatability: 1-3 Units</th>
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<tbody>
<tr>
<td>Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major or minor in physics.</td>
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<tr>
<td>PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR</td>
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### Political Science Courses

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<thead>
<tr>
<th>POLISCI 101</th>
<th>INTRODUCTION TO POLITICAL SCIENCE</th>
<th>1 Units</th>
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<tbody>
<tr>
<td>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.</td>
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<tr>
<td>PREREQ: POLITICAL SCIENCE MAJOR OR MINOR OR CONSENT OF INSTRUCTOR</td>
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<thead>
<tr>
<th>POLISCI 141</th>
<th>AMERICAN GOVERNMENT AND POLITICS</th>
<th>3 Units</th>
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<tr>
<td>An introductory course covering the history, structure and functioning of American national government and its relation to state and local government.</td>
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<tr>
<td>PREREQ: POLITICAL SCIENCE MAJOR OR MINOR OR CONSENT OF INSTRUCTOR</td>
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<thead>
<tr>
<th>POLISCI 200</th>
<th>INTRODUCTION TO PEACE AND SOCIAL JUSTICE</th>
<th>3 Units</th>
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<tbody>
<tr>
<td>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</td>
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<tr>
<td>PREREQ: COMPLETION OF GENED 120, GENED 130 OR GENED 140 CROSS-LISTED: PAX 200, POLISCI 200, SOCIOLOGY</td>
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<tr>
<th>POLISCI 217</th>
<th>AMERICAN MINORITY POLITICS</th>
<th>3 Units</th>
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<tr>
<td>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.</td>
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<tr>
<td>CROSS-LISTED: RACEETH 217 AND POLISCI 217</td>
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<tr>
<th>POLISCI 220</th>
<th>INTRODUCTION TO PUBLIC ADMINISTRATION</th>
<th>3 Units</th>
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<tr>
<td>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.</td>
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<tr>
<th>POLISCI 240</th>
<th>LAW AND SOCIETY</th>
<th>3 Units</th>
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<td>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.</td>
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<tr>
<th>POLISCI 247</th>
<th>ISSUES AND CRISES IN AMERICAN POLITICS</th>
<th>Repeatability: 3 Units</th>
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<tbody>
<tr>
<td>An examination of selected major issues and crises confronting the American political system today. Attention will also be given to the response to these issues and crises as reflected in recent policies and proposals of the national government. Repeatable one time (different topic) for a maximum of 6 credits in major/degree, but not repeatable for general studies credit.</td>
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<tr>
<th>POLISCI 250</th>
<th>INTRODUCTION TO POLITICAL THEORY</th>
<th>3 Units</th>
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<tr>
<td>An introduction to Western political thought, the role of ideology in politics, and perennial questions in political philosophy.</td>
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<tr>
<th>POLISCI 255</th>
<th>INTRODUCTION TO COMPARATIVE POLITICS</th>
<th>3 Units</th>
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<tr>
<td>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?</td>
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<tr>
<th>POLISCI 261</th>
<th>AFRICAN-AMERICAN POLITICS</th>
<th>3 Units</th>
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<tr>
<td>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.</td>
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<tr>
<td>CROSS-LISTED: POLISCI 261 AND AFRIAMR 261</td>
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<tr>
<th>POLISCI 265</th>
<th>POLITICS OF TERRORISM AND COUNTERTERRORISM</th>
<th>3 Units</th>
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<tr>
<td>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.</td>
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<tr>
<th>POLISCI 266</th>
<th>ASIAN AMERICANS IN U.S. POLITICS</th>
<th>3 Units</th>
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<tr>
<td>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.</td>
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<tr>
<th>POLISCI 280</th>
<th>POLITICS OF URBAN INEQUALITY IN THE U.S.</th>
<th>3 Units</th>
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<td>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.</td>
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<td>CROSS-LISTED: POLISCI 280 AND RACEETH 280</td>
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</table>
POLISCI 291 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques.

POLISCI 301 POLITICAL SCIENCE RESEARCH METHODS 3 Units
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: 3 UNITS OF POLITICAL SCIENCE

POLISCI 302 WRITING IN POLITICAL SCIENCE 3 Units
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 314 MEDIA AND AMERICAN POLITICS 3 Units
This course will examine the principles of media and politics, and how the media impacts American public's political attitudes and behaviors. Topics will include campaign advertising, alternative media, public space, bias, and persuasion.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 316 POLICE AND CRIMINAL JUSTICE ADMINISTRATION 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 317 THE AMERICAN LEGISLATIVE PROCESS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 318 THE AMERICAN PRESIDENCY 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 319 AMERICAN POLITICAL PARTIES AND ELECTIONS 3 Units
This course will examine the development, organization, and functions of 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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 321 AMERICAN INTEREST GROUP POLITICS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 330 PUBLIC POLICY ANALYSIS AND ADVOCACY 3 Units
A systematic introduction to the study of public policy through an analytical problem-solving approach and the use of that evidence-based approach to advocate for policy change. The course will also examine and explore public problems and policy issues.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 331 U.S. DISABILITY POLITICS AND POLICY 3 Units
This course will examine disability politics and policy in the United States with a special emphasis on the Americans with Disabilities Act of 1990 (ADA). It will explore the formulation and adoption of disability policy with particular attention paid to the subsequent legal challenges that have interpreted disability law and expanded rights over time.
PREREQ: 3 UNITS OF POLITICAL SCIENCE OR SPECD 201

POLISCI 334 STATE AND LOCAL GOVERNMENT 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 335 FEDERALISM 3 Units
This course offers a critical and comparative exploration of origins, operation, and significance of federalism in a variety of countries.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 341 PARADOXES AND PROMISES: CRITICAL ISSUES IN URBAN EDUCATION 3 Units
This course introduces students to critical issues and policies that influence urban schools, and by extension American society. It provides a deeper understanding of paradoxes and promises we collectively face in making American schools truly equitable institutions, particularly for marginalized communities of color. Trips to regional cities are an enhanced feature of the course and are covered by course fees.
CROSS-LISTED: EDFOUN 341 AND POLISCI 341

POLISCI 342 SCIENCE POLICY AND HUMAN HEALTH 3 Units
This course will explore the intersections between science, public policy, and human health. A number of controversial scientific issues that have the potential to affect human health will be reviewed, which may include climate change, medical marijuana, genetic engineering and childhood vaccination.
PREREQ: SOPHOMORE STANDING

POLISCI 343 US ENVIRONMENTAL POLITICS AND POLICY 3 Units
This course will explore opportunities and constraints in the development of environmental policy in the United States.
PREREQ: SOPHOMORE STANDING

POLISCI 344 INTERNATIONAL ORGANIZATIONS 3 Units
The course will explore theoretical perspectives as well as the expanding roles of international organizations in the context of global politics. It will 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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 348 AND INTRNAR 348
POLISCI 350 INTERNATIONAL LAW 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 351 INTERNATIONAL RELATIONS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 352 COMPARATIVE GOVERNMENT - EUROPE 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 356 POLITICAL SOCIOLOGY 3 Units
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: 3 CREDITS IN SOCIOLOGY OR POLITICAL SCIENCE CROSS-LISTED: POLISCI 356 AND SOCIOLOGY 356

POLISCI 357 PUBLIC OPINION AND POLITICAL BEHAVIOR 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 365 BLACK POLITICAL AND SOCIAL THOUGHT 3 Units
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 both in the Diaspora African Community as well as those in Africa.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 410 ANCIENT AND MEDIEVAL POLITICAL THOUGHT: GREEK, ROMAN, CHRISTIAN 3 Units
This course will examine the political thought of the ancient and medieval worlds, focusing on the Greek, Roman and early Christian periods. Through study of texts by Aristotle, Cicero, Augustine, and others, this course will highlight how these texts both reflect their own times, and inform political thinking today.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 411 MODERN POLITICAL THOUGHT 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 412 CONTEMPORARY POLITICAL THOUGHT 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 413 CONSTITUTIONAL LAW 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 414 THE CONSTITUTION AND CIVIL LIBERTIES 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 415 CRIMINAL JUSTICE AND THE CONSTITUTION 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 416 THE CONSTITUTION AND CIVIL RIGHTS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 418 LEGAL RESEARCH AND WRITING 3 Units
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: POLISCI 413 OR POLISCI 414 OR POLISCI 415 OR POLISCI 416

POLISCI 419 THE JUDICIAL PROCESS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 420 AMERICAN POLITICAL THOUGHT 3 Units
A study of the fundamental political ideas of America and the political philosophers who espoused them from colonial times to the present.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 421 PUBLIC PERSONNEL ADMINISTRATION 3 Units
A critical study of problems of public personnel, with particular emphasis on the process of recruiting and managing people in the public services.
PREREQ: 3 UNITS OF POLITICAL SCIENCE UNREQ: MANGEMNT 320 AND POLISCI 421

POLISCI 422 RELIGION AND AMERICAN POLITICS 3 Units
This course provides an overview of how religion influences American politics, and how the U.S. political process shapes the practice of religion in America. Students will learn about American religious history, religious pluralism, religious political behavior, religious interest groups and social movements, and religion and the U.S. constitution.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 430 FORMATION OF PUBLIC POLICY 3 Units
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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
POLISCI 440  THE POLITICS OF GOVERNMENT BUDGETING  3 Units
An introduction 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 and on the political system, and evaluating the problems and solutions for allocating tax burden equitably among different groups in society.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 446  POLITICS OF THE METROPOLIS  3 Units
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: 3 UNITS OF POLITICAL SCIENCE

POLISCI 456  GOVERNMENT AND POLITICS OF LATIN AMERICA  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 457  AMERICAN FOREIGN POLICY  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 460  GOVERNMENT AND POLITICS OF ASIA  3 Units
A comparative study of the political structures, institutions, and processes of the nations of Asia.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: POLISCI 460 AND ASIANSTD 460

POLISCI 461  GOVERNMENT AND POLITICS OF AFRICA  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: AFRIAMR 461 AND POLISCI 461

POLISCI 462  SOCIAL WELFARE POLICY  3 Units
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: POLISCI 141 AND (SOCWORK 371 OR 3 ADDITIONAL UNITS POLISCI) OR CONSENT OF INSTRUCTOR CROSS-LISTED: POLISCI 462 AND SOCWORK 462

POLISCI 463  PEACE STUDIES: CONFLICT RESOLUTION AND CRISIS MANAGEMENT  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 464  GLOBAL GENDER POLITICS  3 Units
This course takes seriously the explanatory power and importance of gender in the study of global politics. It explores the roles of women and men, femininities and masculinities in the shaping, defining, and legitimating of world affairs. Using a critical, interdisciplinary perspective, this course considers how gender helps us better understand security, the global political economy, and global governance.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: POLISCI 464 AND WOMENST 464

POLISCI 471  GOVERNMENT AND POLITICS IN THE MIDDLE EAST  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 472  GOVERNMENT AND POLITICS OF CHINA  3 Units
This course exposes students to the breadth of Chinese government and politics. It briefly overviews the traditional Chinese system, its breakdown, and the rise of communism. It also overviews a more detailed treatment of the characteristics and major events of the communist era.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: POLISCI 472 AND ASIANSTD 472

POLISCI 480  GOVERNMENT AND POLITICS OF JAPAN  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: POLISCI 480 AND ASIANSTD 480

POLISCI 489  SEMINAR IN PUBLIC ADMINISTRATION  3 Units
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 220 OR CONSENT OF INSTRUCTOR

POLISCI 490  WORKSHOP  Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: 3 UNITS OF POLITICAL SCIENCE

POLISCI 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

POLISCI 493  INTERNSHIP IN POLITICAL SCIENCE  Repeatable  1-12 Units
Study and work with a government unit or in some area of public affairs under the direction of a faculty supervisor. Students will have the opportunity to combine academic learning with practical experience in government and politics. Repeatable for a maximum of 12 credits in major/degree.
PREREQ: 3 UNITS OF POLITICAL SCIENCE
POLSCI 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: 3 UNITS OF POLITICAL SCIENCE

POLSCI 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. See Schedule of Classes.

POLSCI 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 4 credits in major/degree. Department Consent required.

POLSCI 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 4 credits in major/degree. Department Consent required.

POLSCI 499 SENIOR HONORS THESIS 3 Units
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: 3.25 GPA AND 21 CREDITS IN POLITICAL SCIENCE

Psychology Courses

PSYCH 101 INTRODUCTION TO THE PSYCHOLOGY MAJOR 1 Units
Introduction to the Psychology Major outlines academic emphases and requirements within the major and introduces students to a breadth of psychological careers. Students will learn basics of APA style, become familiar with paths to graduate school and psychology-related careers, and plot their own course of study in the major.
PREREQ: PSYCHOLOGY MAJOR OR PSYCHOLOGY MINOR OR CONSENT OF INSTRUCTOR

PSYCH 104 PSYCHOLOGY OF HUMAN ADJUSTMENT 3 Units
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 3 Units
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 3 Units
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 Units
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 hypothesis-testing procedures. Lectures are supplemented by computational laboratory sessions.
PREREQ: GRADE OF C OR BETTER IN MATH 139 OR MATH 141

PSYCH 216 RESEARCH METHODS 5 Units
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 296 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 6 credits in degree.

PSYCH 301 INTRODUCTION TO BEHAVIORAL NEUROSCIENCE 3 Units
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 CREDITS IN BIOLOGY
CROSS-LISTED: PSYCH 301 AND BIOLOGY 301

PSYCH 302 THE BIOLOGICAL BASIS OF EMOTION 3 Units
Explores the biological function of emotion, the physiological, neural, and psychological structure of emotion, and the biological mechanisms by which emotion interacts with other aspects of human behavior. Understanding of how scientific researchers explore the biology of behavior, and skills in reading, summarizing, and critiquing primary literature will be developed.
PREREQ: PSYCH 211

PSYCH 303 LEARNING AND CONDITIONING 3 Units
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 Units
An introduction to the study of the uniqueness of the individual. Emphasis will be on research methods and on theories as well as on some of the more important characteristics on which individuals differ.
PREREQ: PSYCH 211

PSYCH 305 PSYCHOLOGY OF PERCEPTION 3 Units
A study of how sensations emerge from physical energies falling upon sense receptors and get organized into the percepts we call events. Topics include illusions, hallucinations, and normal experiences with all the senses, especially touch, hearing, and vision.
PREREQ: PSYCH 211

PSYCH 321 POSITIVE PSYCHOLOGY 3 Units
This course provides an introduction to the scientific study of human flourishing including ideas such as hope, mindfulness, love, humor, wisdom and purpose. Students will gain an understanding of the current research into positive traits, experiences, and institutions and learn to apply evidence-based strategies for improving well-being in their lives.
PREREQ: PSYCH 211
PSYCH 327  INTRODUCTION TO THE SCIENTIST-PRACTITIONER DISCIPLINES IN PSYCHOLOGY  3 Units
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 330  LIFESPAN DEVELOPMENT  3 Units
This course provides an examination of the biological, cognitive, social and emotional development of humans from conception to death. The course emphasizes typical developmental stages and patterns of adjustment to differing life-time demands as well as the role of cultural difference in the developmental process. The theories and principles of human development are examined in light of contemporary research.
PREREQ: PSYCH 211

PSYCH 345  ABNORMAL PSYCHOLOGY  3 Units
An introductory survey of abnormal psychology covering the clinical syndromes includes in the diagnostic classification system of the American Psychiatric Association. Current research regarding causal factors, treatment, and outcomes supplement descriptions of maladaptive patterns of behavior.
PREREQ: PSYCH 211 OR GRADUATE STANDING

PSYCH 351  COGNITIVE PSYCHOLOGY  3 Units
Course will explore processes of thought, attention memory, language, and problem-solving. Students will explore various theories of cognition from traditional psychological theories (i.e., linguistic vs. image based thought) to the current computer-based models (i.e., artificial intelligence) and examine relevant evidence to help us gain insight into the workings of the human mind.
PREREQ: PSYCH 211

PSYCH 355  SOCIAL PSYCHOLOGY  3 Units
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 383  HEALTH PSYCHOLOGY  3 Units
In this course, students will study the inter-relationship between psychology and health. Students will gain an understanding of the mind-body connection in the context of evidence-based approaches to disease prevention and wellness promotion through the lens of the biopsychosocial model.
PREREQ: PSYCH 211 OR PUBHLTH 101

PSYCH 394  DIRECTED RESEARCH IN PSYCHOLOGY  Repeatable  3 Units
Students, under faculty supervision, participate in some of all phases of research projects, literature search, design, data collection and analysis, and preparation of research reports. Repeatable for a maximum of 6 credits in the psychology major or minor. Topics vary from term to term. Department Consent required.

PSYCH 407  PSYCHOLOGY OF EMOTION AND MOTIVATION  3 Units
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 216 AND (PSYCH 302 OR PSYCH 304 OR PSYCH 330 OR PSYCH 355)

PSYCH 412  COMPARATIVE PSYCHOLOGY  3 Units
Comparative psychology is the study of animal behavior. Studying animals helps us understand what makes us uniquely human, and it also illuminates many areas of cross-species similarity. This course will examine the research on topics such as animal reasoning, language, and social behavior.
PREREQ: (PSYCH 216 OR BIOLOGY 303) AND (PSYCH/BIOLOGY 301 OR PSYCH 303 OR PSYCH 351) OR CONSENT OF INSTRUCTOR

PSYCH 416  ADVANCED AND MULTIVARIATE DATA ANALYSIS FOR THE LIFE SCIENCES  3 Units
An introduction to multifactorial and multivariate data analyses commonly used in life sciences such as psychology and biology. Analyses include analysis of variance and covariance, multiple analysis of variance and covariance, multiple regression, foundations of structural equation modeling (path analysis and latent factor analysis), discriminant analysis and logistic regression.
PREREQ: PSYCH 215 OR BIOLOGY 303 OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

PSYCH 420  FOUNDATIONS OF PROFESSIONAL SCHOOL PSYCHOLOGY  3 Units
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. Instructor Consent required.

PSYCH 426  CROSS-CULTURAL PSYCHOLOGY  3 Units
This course examines the relationship between culture and psychological processes. We will explore theories and research in various areas (e.g., self, socialization, cognition, motivation, emotion, and well-being) from the perspective of culture. We will discuss the implications of cultural similarities and differences in these areas for the scientific study of psychology, and for our personal lives in a diverse society.
PREREQ: PSYCH 216 AND (PSYCH 355 OR PSYCH 304 OR PSYCH 330)

PSYCH 431  PSYCHOLOGY OF CHILDHOOD  3 Units
An in-depth overview of the core theories, scientific methods, and major research findings for studying young children. Multiple aspects of early child development, including neurological/cognitive and social/emotional development from infancy through middle childhood, are considered. The approach to these topics is scientific, with an emphasis on recent research findings in developmental psychology.
PREREQ: PSYCH 216 AND PSYCH 330

PSYCH 432  PSYCHOLOGY OF ADOLESCENCE  3 Units
An examination of the biological, cognitive, social, and emotional development of humans from puberty to young adulthood, with particular attention to theory and research on key developmental tasks including identity, autonomy, intimacy, and sexuality development. Includes an emphasis on the influence of sociocultural contexts on development.
PREREQ: PSYCH 216 AND PSYCH 330
PSYCH 440 PSYCHOLOGICAL TESTS AND MEASUREMENTS 3 Units
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 216 AND (PSYCH 304 OR PSYCH 327)

PSYCH 444 PRINCIPLES OF BEHAVIOR MODIFICATION 3 Units
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 216 AND PSYCH 303

PSYCH 475 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 Units
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: PSYCH 216 AND (PSYCH 303 OR PSYCH 304 OR PSYCH 305 OR PSYCH 351)

PSYCH 480 SCHOOL VIOLENCE AND CRISIS MANAGEMENT 3 Units
Advanced undergraduate students who have professional and/or scholarly interests in understanding variables associated with violence and crisis management in public school setting. Emphasizes: Psychological, developmental, and risk correlates of childhood aggression; critical examination of prevention and intervention models considered most effective and useful in the school setting; in depth understanding of crisis prevention and response models.
PREREQ: PSYCH 216 AND (PSYCH 331 OR PSYCH 327 OR PSYCH 330 OR PSYCH 345) OR CONSENT OF INSTRUCTOR

PSYCH 483 ADVANCED HEALTH PSYCHOLOGY 3 Units
An examination of how scientific knowledge of the biopsychosocial components in health and disease are applied to the development of prevention and interventions programs for physical disease and disability as well as the promotion of health. Includes attention to theory, assessment, and prevention and intervention techniques with an emphasis on their ethical and evidence-based applications in diverse populations.
PREREQ: PSYCH 216 AND PSYCH 383

PSYCH 486 INTERVIEW AND PSYCHOTHERAPY TECHNIQUES 3 Units
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 216 AND (PSYCH 304 OR PSYCH 327)

PSYCH 487 FIELD TRAINING IN PSYCHOLOGY 3 Units
In this course students are placed in a supervised field experience in a selected agency or institution along with a classroom component. The course emphasizes application of psychological concepts and research in an applied setting.
PREREQ: PSYCH 216 AND CONSENT OF INSTRUCTOR; CONTACT INSTRUCTOR FOR APPLICATION PROCESS AND PREREQUISITES

PSYCH 489 FAMILY THERAPY 3 Units
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 216 AND (PSYCH 327 OR PSYCH 345)

PSYCH 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable for a maximum of 6 credits in degree.
PREREQ: SENIOR STATUS OR CONSENT OF INSTRUCTOR

PSYCH 494 SEMINAR IN PSYCHOLOGY Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable, with permission of the Psychology Department, for a maximum of 6 credits in major/degree.
PREREQ: 12 CREDITS IN PSYCHOLOGY

PSYCH 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled catalog offerings. Repeatable, with permission of department, for a maximum of 6 credits in major/degree.
PREREQ: 12 CREDITS IN PSYCHOLOGY OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

PSYCH 497 EXCHANGE STUDY Repeatable 0.5-12 Units
Variable topics. See Schedule of Classes. Repeatable.

PSYCH 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable in combination with PSYCH 498R, for a maximum of 6 units in major and 12 units in degree.
PREREQ: 2.75 GPA, 9 CREDITS IN PSYCHOLOGY, JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR

PSYCH 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
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: 2.75 GPA, 9 CREDITS IN PSYCHOLOGY, JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR

PSYCH 499 SENIOR THESIS Repeatable 3-6 Units
Students engage in a critical review or an experimental study of a topic of interest to them under the supervision of an honors thesis committee of the psychology department. Repeatable for a maximum of 6 credits in the major.
PREREQ: PSYCHOLOGY MAJOR OR MINOR WITH AT LEAST 20 UNITS IN PSYCHOLOGY COURSES AND A MINIMUM COMBINED CUMULATIVE GPA OF 3.0

Public Health Courses
PUBHLTH 101 INTRODUCTION TO PUBLIC HEALTH 3 Units
The course introduces students to core concepts, practices, and issues in the field of public health. Students develop an interdisciplinary population-level perspective on population-level health encompassing socioeconomic, cultural, behavioral, biological, and environmental factors. Students will critically examine the connections between patterns of health and disease, social conditions, public policies, and healthcare institutions, from the local to global levels.
PUBHLTH 220 INTRODUCTION TO EPIDEMIOLOGY 3 Units
Introduction to basic principles of tracking changes in health indicators and problems in modern society. We will cover both current and historical cases to learn techniques of gathering information, analysis, and application. Problems will include infectious diseases, environmental problems, and other areas of concern in population health.
PREREQ: MATH 139 OR MATH 141 OR WAIVER
CROSS-LISTED: BIOLOGY 220/PUBHLTH 220

PUBHLTH 350 TOPICS IN GLOBAL HEALTH Repeatable 3 Units
This revolving topics course examines selected issues in global health from varying disciplinary perspectives. Students will become familiar with core global health concepts, methods, and debates, with a particular focus on low resource countries and vulnerable populations. Repeatable with a change of topic.
PREREQ: SOPHOMORE STATUS

PUBHLTH 493 INTERNSHIP Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

PUBHLTH 498 INDEPENDENT STUDY 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

PUBHLTH 498R INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

Race Ethnic Cultures General Courses

RACEETH 150 ATLANTIC HISTORY 3 Units
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.
CROSS-LISTED: HISTRY 150 AND RACEETH 150

RACEETH 201 INTRODUCTION TO RACE AND ETHNIC STUDIES 3 Units
As the gateway and methods course for all the minors in the Race and Ethnic Studies Program, this interdisciplinary course provides an introduction to race theory frameworks from multiple disciplines (critical race theory, racial identity development, third space and cultural hybridity) and applies them to the dynamic and overlapping histories, cultures and literatures of historically underrepresented groups in the U.S.

RACEETH 217 AMERICAN MINORITY POLITICS 3 Units
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.
CROSS-LISTED: RACEETH 217 AND POLISCI 217

RACEETH 241 YOUTH CULTURE FORMATION: RACE, GENDER, AND SEXUALITY 3 Units
This course explores how various U.S. institutions construct "youth" as a social category, how those constructions are primarily interlocked with race and ethnicity, and how those constructions subsequently shape youth cultures in multi-faceted, intersectional cultural contexts such as music, gaming, sports, and media.

RACEETH 265 MULTICULTURAL LITERATURE OF THE UNITED STATES 3 Units
Multicultural Literature of the U.S. offers a wide range of literary texts (dramas, essays, novels, poetry, and short stories) written by people of color. This class offers students the opportunity to study and appreciate the experiences and histories of diverse groups within the U.S., including African-American, Asian American, Native American, and Latinx cultures.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

RACEETH 280 POLITICS OF URBAN INEQUALITY IN THE U.S. 3 Units
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.
CROSS-LISTED: POLISCI 280 AND RACEETH 280

RACEETH 285 ASIAN AMERICANS (DV) (GS) 3 Units
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.
PREREQ: GENED 130 AND GENED 120 OR GENED 140, OR SOPHOMORE STANDING

RACEETH 321 IMMIGRATION TODAY: INDIVIDUAL, COMMUNITY, AND GLOBAL PERSPECTIVES 3 Units
This course focuses on the changes in immigration to the United States in recent decades, challenges that recent immigrants face, and the controversies around this immigration. The immigrant experience of Latinos and the Hmong in Midwest will be emphasized, from an individual, family, and community perspective.
CROSS-LISTED: SOCWORK 321/RACEETH 321

RACEETH 344 RACE, ETHNICITY AND FILM 3 Units
This course will sociologically analyze racial and ethnic patterns in American films. We will discuss how decision-makers shape the public imagination. We will examine how race intersects with other identities in ways that lead to specific trends in Hollywood. We will highlight the relationship between media, culture and the economy.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR
CROSS-LISTED: SOCIOLOGY/RACEETH 344

RACEETH 365 BLACK POLITICAL AND SOCIAL THOUGHT 3 Units
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 both in the Diaspora African Community as well as those in Africa.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

RACEETH 368 AMERICAN MINORITY WOMEN WRITERS 3 Units
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: RACEETH 368 AND ENGLISH 368
RACEETH 380  RACE, ETHNICITY, AND SOCIAL JUSTICE FOR HELPING PROFESSIONS  3 Units
The course helps 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. Within the framework of the helping professions, students will explore, examine, and learn to advocate for social justice issues, especially related to African American/Black, Hispanic/Latino or Native Americans.
CROSS-LISTED: RACEETH 380 AND SOCIWORK 380

RACEETH 393  RACIAL & ETHNIC INEQUALITY: BEYOND THE CLASSROOM  3 Units
This course offers an in-depth investigation of contemporary racial-ethnic issues through experiential learning. The course combines scholarly readings, lectures, and discussions with hands-on assignments that occur "beyond the classroom," such as field trips, research, online engagement, service learning, or community-based projects.
PREREQ: 3 UNITS OF SOCIOLOGY OR SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

RACEETH 394  MINORITY AND MULTIRACIAL FAMILIES  3 Units
This course will examine the "traditional" definition of family throughout American history as well as how more and more families challenge this definition. We will discuss how political, economic and social factors have shaped the experiences, structure and dynamics of families, and we will analyze trends in family formation patterns. (Offered jointly with Race and Ethnic Studies).
PREREQ: COMPLETION OF THE UNIVERSITY U.S. RACIAL/ETHNIC DIVERSITY REQUIREMENT OR 3 CREDITS OF SOCIOLOGY
CROSS-LISTED: RACEETH 394 AND SOCIOLOGY 394

RACEETH 481  CAPSTONE SEMINAR IN RACE AND ETHNIC STUDIES  3 Units
This capstone course, to be taken as one of the last courses in the minor, is required of all minors in the Race and Ethnic Studies Program. Students will hone their research methods in race/ethnic studies and apply them to a project. The project, which may be research, creative, or professional application in nature, will be presented orally.
PREREQ: JUNIOR STANDING, A MINOR IN RACE AND ETHNIC STUDIES, RACEETH 201, AND AT LEAST 9 ADDITIONAL UNITS OF COURSES WITHIN THE RACE AND ETHNIC STUDIES AREA, INCLUDING AFRIAMR, ASIANAM, AMERIND, CHICANO, LATINX, AND RACEETH

RACEETH 490  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques.

RACEETH 491  TRAVEL STUDY  1-3 Units
Variable topics. Faculty-led courses abroad.

RACEETH 493  INTERNSHIP RACEETH  Repeatable  1-12 Units
Internship

RACEETH 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

RACEETH 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable three times for maximum of 9 credits.

Religious Studies Courses

RELIGST 111  INTRODUCTION TO ASIAN RELIGIONS  3 Units
An introduction to the major religious traditions in the cultural areas of South, Southeast, and East Asia: Hinduism, Buddhism, Jainism, Taoism, Confucianism, and Shinto.
CROSS-LISTED: RELIGST 111 AND ASIANSTD 111

RELIGST 112  INTRODUCTION TO WESTERN RELIGIONS  3 Units
An introduction to the major religious traditions that have shaped Near Eastern and Western culture; especially Judaism, Christianity, and Islam.

RELIGST 135  INTRODUCTION TO ISLAMIC CIVILIZATIONS  3 Units
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.
CROSS-LISTED: HISTRY 135 AND RELIGST 135

RELIGST 222  INTRODUCTION TO JUDAISM  3 Units
A basic introduction to Judaism, this course explores Jewish traditions from their origins in ancient Israelite religion; Rabbinic Judaism; Jewish philosophy and mysticism; contemporary Jewish movements; the primary texts of Judaism; and the religious experience, values, beliefs, practices, and symbols of a variety of "Judaisms" throughout the world.

RELIGST 232  BUDDHISM: THE MIDDLE WAY  3 Units
This course introduces the wide range of Buddhist ideas and practices that have developed in Asia. It considers the social context in which Buddhism developed, the philosophical bases of all Buddhist schools, the development of the Mahayana, Buddhist Tantra, and Buddhist practices in South, Southeast and East Asia.
CROSS-LISTED: RELIGST 232 AND ASIANSTD 232

RELIGST 242  NATIVE AMERICAN RELIGIONS  3 Units
This course explores the historical development and manifestations of Native American religions from before European contact to the present. The course examines the diverse experiences of Native Americans, analyzes the changing roles of Native American religions, and questions traditional conceptions of Native Americans and Native American religions throughout American history.

RELIGST 252  THE BIBLE AS LITERATURE  3 Units
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 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 252 AND RELIGST 252

RELIGST 262  RELIGIONS OF INDIA  3 Units
India is well-known as the land of Hinduism, but it is also the birthplace of Buddhism, Jainism, and Sikhism, and it is the home to a substantial portion of the world's Muslims. In this class, we will learn about each of these major Indian religions, as well as the way in which they relate to each other historically.

RELIGST 301  CRITICAL ISSUES IN MODERN RELIGION  3 Units
An introduction to selected critical issues relating to contemporary academic concerns. A variety of religion to modern culture and intellectual positions will be analyzed and discussed.
RELIGST 302 RELIGIOUS ETHICS 3 Units
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 STANDING OR CONSENT OF INSTRUCTOR

RELIGST 303 ASIAN RELIGIOUS THOUGHT 3 Units
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 INSTRUCTOR
CROSS-LISTED: RELIGST 303 AND ASIANSTD 303

RELIGST 304 CONTEMPORARY ISLAMIC THOUGHT AND PRACTICE 3 Units
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, centrist, liberalism, and feminism.

RELIGST 330 RELIGION, SEXUALITY AND GENDER 3 Units
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: THREE CREDITS OF SOCIOLOGY, HISTORY OR RELIGIOUS STUDIES.

RELIGST 331 GEOGRAPHY OF RELIGION 3 Units
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.
CROSS-LISTED: GEOGRPY 331 AND RELIGST 331

RELIGST 340 EVIL AND RELIGION 3 Units
This course presents a variety of ways of examining the problem of evil in several of the world's religious traditions--as a philosophical and theological problem for understanding the relationship between God and human beings in monotheistic religions, but also in broader comparative perspective through the confrontation of evil in polytheistic and non-theistic religions.

RELIGST 351 RELIGION IN AMERICAN CULTURE 3 Units
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 INSTRUCTOR

RELIGST 353 SOCIOLOGY OF RELIGION 3 Units
A study of the function and forms of religious groups inprimitive and contemporary societies; a theoretical examination of religion as a basic social institution. (Offered jointly with sociology).
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: RELIGST 353 AND SOCIOLOGY 353

RELIGST 365 RELIGIOUS AND PHILOSOPHICAL PERSPECTIVES ON DEATH AND DYING 3 Units
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 STATUS OR CONSENT OF INSTRUCTOR

RELIGST 371 MODERN RELIGIOUS MOVEMENTS 3 Units
Modern Religious Movements will introduce students to the historical development and contemporary manifestations of various religions or religious traditions throughout the world from the early modern era to the present. It explores both those religious forms born within the modern era and those religious movements that are shaping religious expression today.

RELIGST 388 THE HOLOCAUST: NAZI GERMANY AND THE GENOCIDE OF THE JEWS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: RELIGST 388 AND SOCIOLOGY 388

RELIGST 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

RELIGST 494 SEMINAR Repeatable 1-3 Units

RELIGST 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

RELIGST 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

RELIGST 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

Russian Courses

RUSSIAN 141 BEGINNING RUSSIAN 4 Units
This first-semester Russian course will introduce students to the Russian language (speaking, reading, writing and listening) and culture.

RUSSIAN 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

RUSSIAN 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

RUSSIAN 493 INTERNSHIP IN RUSSIAN Repeatable 1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.
Sociology Courses

SOCIOLGY 200 INTRODUCTION TO PEACE AND SOCIAL JUSTICE 3 Units
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, GENED 130 OR GENED 140 CROSS-LISTED: PAX 200, POLISCI 200, SOCIOLGY

SOCIOLGY 240 PRINCIPLES OF SOCIOLOGY 3 Units
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.

SOCIOLGY 250 SOCIAL PROBLEMS 3 Units
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.

SOCIOLGY 252 INTRODUCTION TO FAMILY STUDIES 3 Units
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.

SOCIOLGY 255 SOCIOLOGY OF SCIENCE FICTION 3 Units
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.

SOCIOLGY 260 SOCIOLOGY OF HATE 3 Units
This course provides an overview of the sociological study of hate and prejudice using a variety of perspectives. Substantive topics include the nature of prejudice and stereotyping, hate crime, and hate groups. The course will end with an exploration and evaluation of methods for combating hate and its social manifestations.

SOCIOLGY 265 RACE AND ETHNIC RELATIONS 3 Units
This course examines relationships between racial minorities and the majority group in the United States in their socio-historical contexts. Early histories of relations between minorities and the majority as well as present relations will be addressed. Questions raised include whether American society should attempt to minimize differences between minorities and the majority, and whether to blend or maintain group identities.
PREREQ: 3 UNITS OF SOCIOLOGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 270 THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE 3 Units
This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people.
CROSS-LISTED: AFRIAMR 270 AND SOCIOLOGY 270

SOCIOLGY 276 INTRODUCTION TO CRIMINOLOGY 3 Units
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.

SOCIOLGY 285 ASIAN AMERICANS 3 Units
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.
PREREQ: GENED 130 AND GENED 120 OR GENED 140, OR SOPHOMORE STANDING

SOCIOLGY 291 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

SOCIOLGY 295 BASIC SOCIAL STATISTICS 3 Units
Introduction to basic statistical methods and their utility in sociology including statistical concepts, frequency distribution, measures of central tendency and variability, correlation analysis, OLS regression analysis, and including the logic of hypothesis testing. In addition, introduction to basic operations of SPSS statistical software in social data analysis.
PREREQ: SOCIOLGY 240 OR SOCIOLGY 276; GRADE OF C OR BETTER IN MATH 139 OR MATH 141

SOCIOLGY 302 CULTURE, MEDICINE AND HEALTH 3 Units
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 CROSS-LISTED: ANTHROPOLOGY 302 AND SOCIOLOGY 302

SOCIOLGY 310 SOCIOLOGY OF HEALTH AND ILLNESS 3 Units
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 OF SOCIOLOGY OR CONSENT OF INSTRUCTOR
SOCIOLGY 315  SOCIOLOGY OF DISABILITY  3 Units
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, SPECD 201, 3 UNITS OF SOCIOLOGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 319  ENVIRONMENTAL SOCIOLOGY  3 Units
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

SOCIOLGY 321  SOCIOLOGY OF NATURAL DISASTERS  3 Units
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 loses and the loss of community. Agency and 
governmental response to disaster emergencies will also be considered. 
PREREQ: 3 CREDITS OF SOCIOLOGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 337  SOCIOLOGY OF NEWS AND THE MASS MEDIA  3 Units
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 CREDITS OF SOCIOLOGY

SOCIOLGY 340  SOCIAL MOVEMENTS AND COLLECTIVE BEHAVIOR  3 Units
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: THREE CREDITS OF SOCIOLOGY

SOCIOLGY 342  SOCIOLOGY OF FAMILY AND WORK  3 Units
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 CREDITS OF SOCIOLOGY OR WOMENST 240

SOCIOLGY 344  RACE, ETHNICITY AND FILM  3 Units
This course will sociologically analyze racial and ethnic patterns in 
American films. We will discuss how decision-makers shape the public 
imagination. We will examine how race intersects with other identities 
in ways that lead to specific trends in Hollywood. We will highlight the 
relationship between media, culture and the economy. 
PREREQ: JUNIOR/Senior status or consent of instructor 
cross-listed: sociology/raceeth 344

SOCIOLGY 345  SOCIOLOGY OF GENDER  3 Units
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 CREDITS OF SOCIOLOGY

SOCIOLGY 347  GENDER AND FAMILY IN JAPAN  3 Units
This course will examine forms of masculinity, femininity, sexuality, and 
family in contemporary Japan, and their historical development. Students 
will learn how gender, sexuality, and family are historically and socially 
constructed, how they are recreated through social interaction, how 
power inequalities are embedded in gender and family relations, how 
these inequalities impact individuals (and vice versa). 
PREREQ: 3 UNITS OF SOCIOLOGY OR 3 UNITS OF ANTHROPOLOGY OR 
WOMENST 100 OR JAPANESE 101 OR CONSENT OF INSTRUCTOR

SOCIOLGY 350  CONTEMPORARY JAPANESE SOCIETY  3 Units
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. 
PREREQ: GENED 130 AND GENED 140 OR GENED 120 
cross-listed: asianst 350 and anthropol 350

SOCIOLGY 351  SOCIOLOGY OF SOCIAL CLASS  3 Units
This course investigates social stratification: socioeconomic status 
(SES), the U.S. class structure, and related inequalities. We examine 
historical and contemporary trends in wealth and income gaps, economic 
shifts, government policies, and the "American dream" of social mobility, 
and we consider how SES intersects with other statuses, such as gender 
and race/ethnicity. 
PREREQ: 3 UNITS OF SOCIOLOGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 352  URBAN SOCIETY  3 Units
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 OR 3 UNITS OF ANTHROPOLOGY 
cross-listed: sociology 352 and anthropl 352

SOCIOLGY 353  SOCIOLOGY OF RELIGION  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR 
cross-listed: religst 353 and sociology 353

SOCIOLGY 355  SOCIAL PSYCHOLOGY  3 Units
An examination of the process and results of human interaction with an 
emphasis on attitudes and attitude change, social psychology, inter-
group relations and processes of socialization. 
PREREQ: THREE CREDITS OF SOCIOLOGY

SOCIOLGY 356  POLITICAL SOCIOLOGY  3 Units
An analysis of the impact of social cleavages and cohesions on the 
operation of political institutions; the composition and behavior of power 
élites; the social bases of political power; and the social functions of 
electoral behavior. (Offered jointly with Political Science.) 
PREREQ: 3 CREDITS IN SOCIOLOGY OR POLITICAL SCIENCE 
cross-listed: polisci 356 and sociology 356
SOCIOLOGY 358  CONTEMPORARY CHINESE SOCIETY  3 Units
This course is an overview of post-Mao Chinese society. It focuses on the institutional, demographic, cultural, economic, and political transformation in China since 1978. Included are changes in rural and urban social life, mass migration, changing family and gender relations, social and economic inequalities, ethnic and regional diversity, and rising social tensions.
PREREQ: 3 UNITS SOCIOLOGY OR ASIANSTD 210 OR GEOGRPY 364 OR HISTRY 385 OR POLISCI 472
CROSS-LISTED: SOCIOLOGY 358 AND ASIANSTD 358

SOCIOLOGY 362  POPULATION STUDIES  3 Units
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: THREE CREDITS OF SOCIOLOGY

SOCIOLOGY 365  SOCIOLOGY OF LAW  3 Units
An introduction to the interdependence of law and society through an analysis of legal concepts and organization from a sociological view.
PREREQ: THREE CREDITS OF SOCIOLOGY

SOCIOLOGY 370  JUVENILE DELINQUENCY  3 Units
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 VIOLENT CRIME  3 Units
This course will provide an in-depth look at homicide and other violent crimes as a social and legal category and at the social psychological variables that affect them. Various types of criminal violence 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 Units
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 Units
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 COURTS  3 Units
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 375  RESTORATIVE JUSTICE  3 Units
This course offers an overview of Restorative Justice including a consideration of definitions, cultural roots, theoretical origins, key principles, models and practices, global conflicts and peaceful resolutions, controversial issues, and future directions. The course also provides a critical assessment of the potential of Restorative Justice as well as its limitations.
PREREQ: SOCIOLOGY 276 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: PAX 375 AND SOCIOLOGY 375

SOCIOLOGY 377  SOCIOLOGY OF DRUGS AND CRIME  3 Units
This course examines the intersection of drugs and crime in society through the social constructionist perspective. It explores how believed truths and realities about drugs are often socially created, how laws and drug control has been constructed and maintained, how culture and history influence drugs and crime perceptions, and how norms, values and ideas concerning drugs are created and perpetuated.
PREREQ: SOCIOLOGY 276 OR CONSENT OF INSTRUCTOR

SOCIOLOGY 378  SOCIOLOGY OF PUNISHMENT AND CORRECTIONS  3 Units
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 Units
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.
PREREQ: WOMENST 100 OR SOCIOLOGY 276

SOCIOLOGY 380  ORGANIZATIONS AND SOCIETY  3 Units
An examination of the growth and role of organizations in society with specific attention to American society.
PREREQ: THREE CREDITS OF SOCIOLOGY

SOCIOLOGY 385  SOCIOLOGY OF GLOBALIZATION  3 Units
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: THREE CREDITS OF SOCIOLOGY

SOCIOLOGY 388  THE HOLOCAUST: NAZI GERMANY AND THE GENOCIDE OF THE JEWS  3 Units
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: THREE CREDITS OF SOCIOLOGY, HISTORY OR RELIGIOUS STUDIES.
CROSS-LISTED: RELIGST 388 AND SOCIOLOGY 388
SOCIOLGY 420 ANTHROPOLOGICAL THEORY 3 Units
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 UNITS OF ANTHROPOLOGY OR 6 UNITS OF SOCIOLOGY
UNREQ: ANTHRO/SOCIOL 420,SOCIOLGY 473

SOCIOLGY 426 MINORITIES & THE CRIMINAL JUSTICE SYSTEM 3 Units
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 240 OR CONSENT OF INSTRUCTOR

SOCIOLGY 428 POVERTY, HEALTH, AND CRIME 3 Units
This course examines poverty and related forms of socioeconomic disadvantage as they impact individuals, families, and communities. Students will develop a sociological understanding of poverty, in order to understand how it may lead to poor health outcomes and criminal offending. Students will additionally investigate how crime and its penal consequences (e.g., incarceration) may generate poverty and negatively affect public health.
PREREQ: GRADE OF C OR BETTER IN (SOCIOLOGY 240 OR SOCIOLOGY 276) OR CONSENT OF INSTRUCTOR

SOCIOLGY 429 CRIMINOLITICAL THEORY 3 Units
This course is an in-depth investigation of criminological theories with an emphasis on sociological criminology. Students will compare-contrast the assumptions, principles and concepts of major theories, examine empirical research relevant to the theories, and consider the policy applications of theoretical perspectives.
PREREQ: SOCIOLOGY 276 WITH GRADE OF C OR HIGHER

SOCIOLGY 472 SOCIAL THEORY: CLASSICAL AND CONTEMPORARY PERSPECTIVES 3 Units
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: (SOCIOLOGY 240 OR SOCIOLOGY 276) AND 3 ADDITIONAL UNITS OF SOCIOLOGY, OR CONSENT OF INSTRUCTOR

SOCIOLGY 476 METHODS OF SOCIAL RESEARCH 3 Units
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: SOCIOLOGY 240 OR SOCIOLOGY 276

SOCIOLGY 482 SUPERVISED TEACHING AIDE Repeatable 2 Units
This course provides selected undergraduates with teaching experience in a college classroom. Students learn from a teaching aide experience in which the student assists an instructor in preparing, delivering, and overseeing lab, review or discussion sessions or by tutoring students. The student will attend the class sessions for a second time, meet weekly with the instructor, and is under the direct supervision of a faculty mentor.
PREREQ: JUNIOR STANDING, CONSENT OF INSTRUCTOR, AND GRADE OF B OR HIGHER IN ASSIGNED COURSE
CROSS-LISTED: ANTHROPL 482 AND SOCIOLOGY 482

SOCIOLGY 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable.

SOCIOLGY 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable.
Social Work Courses

SOCWORK 101 INTRODUCTION TO THE SOCIAL WORK PROFESSION 1 Units
This course is required for all social work majors as it introduces social work majors to the social work department, social work profession, code of ethics, critical thinking and social work writing skills. PREREQ: RESTRICTED TO SOCIAL WORK MAJORS COREQ: SOCWORK 102

SOCWORK 102 INTRODUCTION TO SOCIAL WELFARE 3 Units
This course is an introduction to the ways in which social welfare policies and programs and the social work profession contribute to society. Students will examine current social welfare issues and the ways that levels of government, social service agencies, voluntary associations, and social workers have responded and currently respond to these issues.

SOCWORK 235 CHILD WELFARE 3 Units
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.

SOCWORK 250 STATISTICS FOR SOCIAL WORK 3 Units
This course introduces basic statistics applicable to social work practice and research. Social work practitioners must be able to conduct research and data analysis to provide effective interventions for their clients. The course also provides students with opportunities to learn a popular statistical software for social research, SPSS, to analyze the data and present results. PREREQ: GRADE OF C OR BETTER IN MATH 139 OR MATH 141 OR ADMISSION TO THE MSW PROGRAM

SOCWORK 291 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

SOCWORK 296 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable. PREREQ: SOCWORK 102 OR CONSENT OF INSTRUCTOR

SOCWORK 301 ASSERTIVENESS TRAINING IN THE HELPING PROFESSIONS 1 Units
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 311 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II 3 Units
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

SOCWORK 321 IMMIGRATION TODAY: INDIVIDUAL, COMMUNITY, AND GLOBAL PERSPECTIVES 3 Units
This course focuses on the changes in immigration to the United States in recent decades, challenges that recent immigrants face, and the controversies around this immigration. The immigrant experience of Latinos and the Hmong in Midwest will be emphasized, from an individual, family, and community perspective. CROSS-LISTED: SOCWORK 321/RACEETH 321
SOCWORK 325  SOCIAL WORK WITH CHILDREN AND ADOLESCENTS  3 Units
This course is designed to introduce undergraduate students to the knowledge and skills necessary for working with children and adolescents including assessment and interview of this population, child welfare policy (Wisconsin Juvenile Code), practice settings (i.e. group homes), etc. The major emphasis will be on populations at risk (emotional problems, abuse/neglect, gay/lesbian, etc.) with a focus on current intervention approaches.
COREQ: SOCWORK 371

SOCWORK 330  LEGAL ISSUES IN SOCIAL WORK PRACTICE  3 Units
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  INTRODUCTION TO SOCIAL GERONTOLOGY  3 Units
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: SOPHOMORE STATUS

SOCWORK 341  SEXUALITY FOR PROFESSIONAL GROWTH  3 Units
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 Units
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 360  COMMUNITY-BASED LEARNING  3 Units
Through a partnership with a social service organization, students will undertake a project from start to finish. Students in groups will develop a plan for implementing a new program and will work in small groups to implement the plan, which could include advocacy, policy development, training and program evaluation.
PREREQ: JUNIOR STATUS OR CONSENT OF INSTRUCTOR

SOCWORK 371  PRACTICE I: SOCIAL WORK WITH INDIVIDUALS  3 Units
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.
PREREQ: SOCWORK 101, SOCWORK 102, GENED 130 OR PSYCH 211, JUNIOR STATUS, AND COMBINED CUMULATIVE GPA OF 2.50. RESTRICTED TO SOCIAL WORK STUDENTS ADMITTED TO PROFESSIONAL PROGRAM OR CONSENT OF DEPARTMENT. COREQ: SOCWORK 311

SOCWORK 372  PRACTICE II: SOCIAL WORK WITH FAMILIES AND GROUPS  3 Units
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 families and groups.
PREREQ: SOCWORK 311, SOCWORK 371, AND COMBINED CUMULATIVE GPA OF 2.50

SOCWORK 375  SOCIAL WORK CASE MANAGEMENT  3 Units
This course introduces students to case management and explores its utility as a service to assist a wide range of social work clients. The course goals include defining case management, carrying-out the activities, exploring legal and ethical issues, and developing practice skills. Students will perform activities core to case management.
PREREQ: SOCWORK 371

SOCWORK 380  RACE, ETHNICITY, AND SOCIAL JUSTICE FOR HELPING PROFESSIONS  3 Units
The course helps 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. Within the framework of the helping professions, students will explore, examine, and learn to advocate for social justice issues, especially related to African American/Black, Hispanic/Latino or Native Americans.
CROSS-LISTED: RACEETH 380 AND SOCWORK 380

SOCWORK 402  SOCIAL WORK RESEARCH  4 Units
This course introduces students to the research process. A major focus of this course is the integration of research and practice. Students will learn to use research evidence to inform practice and advocacy, and use practice-based experiences to inform scientific inquiry. Students will also learn basic quantitative skills.
PREREQ: SOCWORK 102 AND SOCWORK 311 COREQ: SOCWORK 371

SOCWORK 430  SOCIAL WORK PRACTICE IN Bereavement  Repeatable  3 Units
This course focuses on how to professionally engage, assess and intervene with intersectional aspects of bereavement. This course builds on theoretical knowledge of on grief, loss, death, and dying anchored in a social work practice perspective.
PREREQ: SOPHOMORE STANDING

SOCWORK 435  SOCIAL WORK PRACTICE WITH LGBTQ POPULATION  Repeatable  3 Units
This course aims to provide students with a deeper understanding of the experiences of lesbian, gay, bisexual, transgender, and queer (LGBTQ) people, and their diverse and intersectional identities as applied to direct social work practice, intervention, and policy. This course will examine a variety of areas of relevance to social work with LGBTQ populations including history, theory, and contemporary issues.
PREREQ: SOPHOMORE STANDING

SOCWORK 440  ADVANCED STRESS MANAGEMENT  3 Units
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/HEALTHED 562 OR SOCWORK 303 OR CONSENT OF INSTRUCTOR
SOCWORK 497  EXCHANGE STUDY  1-12 Units
Variable topics. Offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: SOCWORK 371 OR 3 ADDITIONAL UNITS POLISCI OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 462 AND SOCWORK 462

SOCWORK 473  PRACTICE III: SOCIAL WORK WITH ORGANIZATIONS AND COMMUNITIES  3 Units
This course will cover advanced problem solving approaches for intervention with organizations, and communities. The class will utilize simulated practice situations. The course has an emphasis on social work practice with organizations and communities.
PREREQ: SOCWORK 372 AND COMBINED CUMULATIVE GPA 2.25.
SPECIAL UNDERGRADUATES AND GRADUATE STUDENTS MUST HAVE APPROVAL OF THE DEPARTMENT CHAIR.

SOCWORK 489  SENIOR SEMINAR IN SOCIAL WORK  1 Units
The course prepares students for future options within the field of social work. Portfolio preparation (including resume) and presentation is emphasized as an essential element of making the transition to careers in the private and public sectors, as well as graduate studies.
PREREQ: SOCWORK 372 WITH A C OR BETTER COREQ: SOCWORK 473

SOCWORK 490  SOCIAL WORK WORKSHOP Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable. Instructor Consent required.

SOCWORK 491  TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

SOCWORK 493  SOCIAL WORK EXPERIENCE Repeatable  3-12 Units
Students are placed in a community agency under the supervision of an experienced social worker. Students are expected to develop an in-depth understanding of agency activities and programs and will assume increasing levels of responsibility as beginning social workers. Attendance at periodic field placement meetings is expected. This course may be taken as a block placement (12 credits) for one semester or summer, or over two semesters at 6 credits per semester. A total of 480 hours in the agency is required in either option.
PREREQ: ALL OTHER REQUIRED SOCIAL WORK COURSES MUST BE COMPLETED AND CONSENT OF INSTRUCTOR, COMBINED CUMULATIVE GPA OF 2.25 REQUIRED.

SOCWORK 494  SEMINAR IN SOCIAL WORK METHODS Repeatable  3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.
PREREQ: SOCWORK 371

SOCWORK 496  SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: SOCWORK 102 OR CONSENT OF INSTRUCTOR

SOCWORK 497  EXCHANGE STUDY Repeatable  1-12 Units
Variable topics.

SOCWORK 498  INDEPENDENT STUDY IN SOCIAL WORK Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

SOCWORK 498R  INDEPENDENT STUDIES IN SOCIAL WORK - UNDERGRADUATE RESEARCH Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

SOCWORK 499  SENIOR HONOR THESIS IN SOCIAL WORK  3 Units
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. Students must have invitation from the staff.
PREREQ: SENIOR STATUS

Spanish Courses

SPANISH 141  BEGINNING SPANISH I  4 Units
An elementary course with oral emphasis. Grammar, reading, writing, conversation.

SPANISH 142  BEGINNING SPANISH II  4 Units
Continuation of SPANISH 141.
PREREQ: SPANISH 141 OR EQUIVALENT

SPANISH 251  INTERMEDIATE SPANISH I  4 Units
Grammar review, reading, oral and written exercises. Conversation.
PREREQ: SPANISH 142 OR EQUIVALENT

SPANISH 252  INTERMEDIATE SPANISH II  4 Units
Continuation of SPANISH 251. Grammar review, reading, oral and written exercises. Conversation.
PREREQ: SPANISH 251 OR EQUIVALENT

SPANISH 291  TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

SPANISH 310  SPANISH PHONETICS  3 Units
A study of the elements of speech sounds, the application of sounds to understanding and speaking, with emphasis on oral practice.
PREREQ: SPANISH 252 OR CONSENT OF INSTRUCTOR

SPANISH 320  SPANISH FOR SPANISH SPEAKERS  3 Units
The course presents students the opportunity to achieve a clear grasp of formal Spanish as well as comprehension of the origins, development, and richness of Spanish and the peoples that speak it. It also offers a culturally contextualized, structured forum for the exploration of topics pertaining to the linguistic and cultural identity of Spanish speakers in the United States.

SPANISH 321  ADVANCED SPANISH LANGUAGE STUDY I  3 Units
A thorough study of the structure of the language. Practical application through conversation and composition.
PREREQ: SPANISH 252 OR CONSENT OF INSTRUCTOR

SPANISH 322  ADVANCED SPANISH LANGUAGE STUDY II  3 Units
Continuation of SPANISH 321.
PREREQ: SPANISH 321 OR SPANISH 320 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

SPANISH 331  INTRODUCTION TO THE LITERATURE OF SPAIN I  3 Units
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR EQUIVALENT OR CONSENT OF INSTRUCTOR
SPANISH 332 INTRODUCTION TO THE LITERATURE OF SPAIN II  3 Units
Introductory-level study of representative 20th Century literary texts of
Spain. Emphasis on vocabulary acquisition.
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR
EQUIVALENT OR CONSENT OF INSTRUCTOR

SPANISH 333 INTRODUCTION TO THE LITERATURE OF LATIN AMERICA
I  3 Units
Introductory-level study of representative 19th and 20th Century literary
texts of LatinAmerica with an emphasis on vocabulary acquisition.
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR
EQUIVALENT OR CONSENT OF INSTRUCTOR

SPANISH 334 INTRODUCTION TO THE LITERATURE OF LATIN AMERICA
II  3 Units
Introductory-level study of representative 20th Century literary texts of
Latin America with emphasis on vocabulary acquisition.
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR
EQUIVALENT OR CONSENT OF INSTRUCTOR

SPANISH 350 SPANISH CIVILIZATION  3 Units
Study of the political, social, intellectual, artistic and literary development
of Spain and Hispanic areas from remote times to the present day.
PREREQ: SIX CREDITS OF 300 LEVEL SPANISH OR CONSENT OF
INSTRUCTOR

SPANISH 360 SPANISH AMERICAN CIVILIZATION  3 Units
An introduction to the geography, history, literature, sociology, economics
and political life of Spanish America.
PREREQ: SIX CREDITS OF 300 LEVEL SPANISH OR CONSENT OF
INSTRUCTOR

SPANISH 370 SPANISH FOR BUSINESS  3 Units
A course for those students who plan to use or may need to use their
proficiency in Spanish in a business career. This course provides an
introduction to concepts and terminology associated with doing business
in Spanish-speaking countries or with the Hispanic community in this
country; affords practice in employing those concepts and terminology
in the oral, reading and writing skills; and offers a brief overview of the
culture and structure of the Hispanic business world.
PREREQ: SIX CREDITS OF 300 OR 400 LEVEL SPANISH COURSES OR
CONSENT OF INSTRUCTOR

SPANISH 371 SPANISH FOR HEALTH PROFESSIONS  3 Units
This course is a Spanish language course geared toward individuals
studying or working in health-related areas. The course is devoted to the
study of medical Spanish terminology and the cultural issues related to
successful interactions with Spanish-speaking patients and their families
in the clinical encounter. It will introduce the student to a wide array of
vocabulary particular to the medical field, as well as help the student
develop a cultural understanding of medicine and illness in the Spanish-
speaking world to prepare for potential work with Spanish-speaking
patients in future careers in medicine, nursing, social work, translation/
interpreration, or mental health settings.
PREREQ: SPANISH 321 AND SPANISH 322 OR SPANISH 320

SPANISH 372 INTRODUCTION TO LEGAL SPANISH & THE HISPANIC
COMMUNITY  3 Units
This course reinforces the student’s Spanish skills while focusing on
many different aspects of working with the Hispanic community that
relate to the law. The class will cover a broad mix of legal contexts,
while building the student’s practical legal terminology and written oral
communication skills. In addition, emphasis will be placed on cultural
issues that may affect successful interaction with Spanish-speaking
individuals and families faced with matters concerning the law.
PREREQ: SPANISH 321 AND SPANISH 322 OR SPANISH 320

SPANISH 390 SPANISH CONVERSATION  Repeatable  1 Units
Designed to maintain and increase oral fluency in Spanish. Emphasis on
spontaneous use of the language. Repeatable five times for a maximum
of 6 credits in major/degree.
PREREQ: SIX CREDITS OF 300 LEVEL SPANISH OR CONSENT OF
INSTRUCTOR

SPANISH 451 SURVEY OF SPANISH LITERATURE  3 Units
General history of Spanish literature from its beginning to the end of the
eighteenth century. Reading of representative works of each genre.
PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH
MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN
LITERATURE CLASS

SPANISH 452 SURVEY OF SPANISH LITERATURE  3 Units
General history of Spanish literature from the end of the eighteenth
century to the present day. Reading of representative works of each
genre.
PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH
MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN
LITERATURE CLASS

SPANISH 453 SURVEY OF SPANISH AMERICAN LITERATURE  3 Units
General survey of main developments, works and authors of the literature
from the discovery of the New World until 1888.
PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH
MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN
LITERATURE CLASS

SPANISH 454 SURVEY OF SPANISH AMERICAN LITERATURE  3 Units
General survey of main developments, works and authors of the literature
from 1888 until the present time.
PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH
MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN
LITERATURE CLASS

SPANISH 481 SPANISH CLASSICS Repeatable  3 Units
Topics alternate: 1) Don Quixote, 2) Golden Age drama, 3) Golden Age
prose. Repeatable with change of topic.
PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH
MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN
LITERATURE CLASS

SPANISH 483 CONTEMPORARY SPANISH AMERICAN NARRATIVE  3
Units
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: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH
MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN
LITERATURE CLASS

SPANISH 484 WOMEN WRITERS OF SPAIN AND THE AMERICAS  3
Units
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 WORKSHOP  1-3 Units
Variable topics. Group activity oriented presentations emphasizing
‘hands on’ and participatory instructional techniques. Repeatable
1-3 Units
Variable topics. Faculty-led courses abroad.

SPANISH 493 INTERNSHIP IN SPANISH Repeatable 1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.
PREREQ: SIX CREDITS OF 300 OR 400 LEVEL SPANISH COURSES OR CONSENT OF INSTRUCTOR

SPANISH 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

SPANISH 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

SPANISH 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. Repeatable.

SPANISH 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: MAJOR OR MINOR IN SPANISH

SPANISH 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.

SPANISH 499 SPANISH THESIS 1-3 Units
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO SPANISH MAJORS

Women's Studies Courses

WOMENST 100 INTRODUCTION TO WOMEN'S AND GENDER STUDIES 3 Units
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 120 INTRODUCTION TO LGBTQ STUDIES 3 Units
An investigation of LGBTQ Studies from the perspective of various disciplines. The course examines the ways gender and sexuality interact with ethnicity, race, class, and ability and explores contemporary and historical issues related to LGBTQ lives. Included are such subjects as gender and sexuality as social constructions, violence and oppression, representation, history of LGBTQ movements and activism, and intersectional alliances.

WOMENST 180 SEX, GENDER, AND HEALTH 3 Units
This course explores the reproductive and sexual functions of human bodies, as well as the scientific and social influences on those bodies. By examining sex, reproduction, and aging, this course uses intersectional lenses to explore uneven access to sexual health resources and reproductive justice across cultures, ultimately demonstrating the achievements and limitations of women's health movements in the recent past.
CROSS-LISTED: WOMENST/BIOLOGY 180

WOMENST 240 GENDER, SEXUALITY, AND WORK 3 Units
This course explores the social construction of paid and unpaid work, using the lenses of gender, sexuality, race, class and more. With this intersectional lens, this course provides an overview of the changing nature of work in the United States, gender and sexuality based problems in the workplace, and strategies to overcome institutional and interpersonal workplace challenges.
PREREQ: SOPHOMORE STATUS

WOMENST 241 YOUTH CULTURE FORMATION: RACE, GENDER, AND SEXUALITY 3 Units
This course explores how various U.S. institutions construct "youth" as a social category, how those constructions are primarily interlocked with race and ethnicity, and how those constructions subsequently shape youth cultures in multi-faceted, intersectional cultural contexts such as music, gaming, sports, and media.

WOMENST 245 GENDER AND GEOGRAPHY 3 Units
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.
CROSS-LISTED: GEOGRAPHY 245 AND WOMENST 245

WOMENST 250 WOMEN IN AMERICAN CULTURE 3 Units
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 STATUS

WOMENST 266 GENDER AND FILM 3 Units
Students will learn to critically view, consider, and describe films, with special attention to representations of sexuality and gender. The course will include instruction in gender theory and methods for deploying gender analysis in the context of film studies.
PREREQ: ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161 CROSS-LISTED: ENGLISH/WOMENST/FILM 266

WOMENST 280 FEMINIST THEORIES 3 Units
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 WOMEN'S VOICES/WOMEN'S LIVES 3 Units
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 STATUS

WOMENST 320 LESBIAN STUDIES 3 Units
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) Ideals of Community, 3) Life-Cycle Choices, 4) Research on Current Issues.
PREREQ: WOMENST 100 AND SOPHOMORE STANDING
WOMENST 325 QUEER POPULAR CULTURE 3 Units
Queer Popular Culture analyzes mainstream popular culture through a queer perspective, and investigates queer subcultures and their role in creating belonging for the LGBTQ community. Key topics include queer theory, intersectional feminism, heteronormativity, cultural representations, and subversive cultural creation.
PREREQ: 3 CREDITS OF WOMEN'S AND GENDER STUDIES COURSES OR JUNIOR STANDING OR PERMISSION OF INSTRUCTOR

WOMENST 330 RELIGION, SEXUALITY AND GENDER 3 Units
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 INSTRUCTOR CROSS-LISTED: RELIGST 330 AND WOMENST 330

WOMENST 334 GENDER AND SEXUALITY IN CROSS CULTURAL PERSPECTIVE 3 Units
Anthropological approaches to the cross-cultural study of gender relations and sexuality with an emphasis on societies of the non-Western world. Topics vary.
PREREQ: GENED 130 OR GENED 140 OR SOPHOMORE STANDING CROSS-LISTED: ANTHROPL 334 AND WOMENST 334

WOMENST 341 AFRICAN WOMEN'S HISTORY FROM 1800 TO THE 1970S 3 Units
The course addresses the experiences of African women from 1800 to independent Africa with a focus on women's experiences and their contributions to African societies. The course covers changing ideas about gender and evaluates women's positions in African societies including rulers, warriors, politicians, activists, and average farmers.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: HISTRY/WOMENST 341

WOMENST 345 WOMEN IN MUSIC 3 Units
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, ENGLISH 101 AND ENGLISH 102 OR ENGLISH 105 CROSS-LISTED: MUSC 345 AND WOMENST 345

WOMENST 347 GENDER AND FAMILY IN JAPAN 3 Units
This course will examine forms of masculinity, femininity, sexuality, and family in contemporary Japan, and their historical development. Students will learn how gender, sexuality, and family are historically and socially constructed, how they are re-created through social interaction, how power inequalities are embedded in gender and family relations, and how these inequalities impact individuals (and vice versa).
PREREQ: 3 UNITS OF SOCIOLOGY OR 3 UNITS OF ANTHROPOLOGY OR WOMENST 100 OR JAPANESE 101 OR CONSENT OF INSTRUCTOR

WOMENST 351 GENDER AND VIOLENCE 3 Units
This course examines gender-based violence, focusing specifically on domestic violence, intimate partner violence, sexual assault, stalking, sexual harassment, and human trafficking. Readings and course activities explore the gendered dimensions of violence and inequality within diverse racial, ethnic, and socioeconomic backgrounds and across sexual identities and national and immigrant statuses. A community-based learning project is required.
PREREQ: SOPHOMORE STANDING

WOMENST 365 WOMEN, SCIENCE & SOCIETY 3 Units
Survey of women's contributions to science; case studies of modern women scientists; feminism and scientific knowledge.
PREREQ: JUNIOR STANDING OR WOMENST 100

WOMENST 367 ORIGINS OF GENDER 3 Units
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 archaeo-cultural 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 CROSS-LISTED: ANTHROPL 367 AND WOMENST 367

WOMENST 370 WOMEN: RACE AND ETHNICITY (DV) (GE) 3 Units
This course will provide an examination of Native American, African American, Hispanic, and Asian American women in the broad areas of work, family/community relationships, creativity, and social action.
PREREQ: JUNIOR STANDING OR WOMENST 100

WOMENST 374 QUEER CINEMA 3 Units
In Queer Cinema, students will deploy analyses of gender and sexuality that respond to the possibilities and limitations of the medium. Queer Cinema is appropriate for any student who wishes to learn how to apply complex theories of gender representation and sexual identity to the analysis of visual narratives.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

WOMENST 380 GENDER LAW AND POLICY 3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

WOMENST 407 LATINA/LATIN AMERICAN WOMEN'S WRITING, ACTIVISM & CHANGE 3 Units
This course analyzes writing by Latinas and Latin American women (XIX century-present), as well as the theories that frame their writing. Exposed to various themes and writing styles, students will engage in textual analysis and critical discussion to reflect on the authors' cultural and historical challenges as they engage in social change from their gendered and/or racialized critical identities.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162; OR ANY LATINX, OR CHICANO COURSE; OR CONSENT OF INSTRUCTOR CROSS-LISTED: LATINX 407 WOMENST 407

WOMENST 410 DIVERSITY LEADERSHIP CERTIFICATE SEMINAR Repeatable 1 Units
Organized around individual student needs, this course provides students the specialized instruction necessary to complete the curricular requirements of the Diversity Leadership Certificate. The course emphasizes the creation of an ePortfolio that will be used to document a student's learning through the submission of a wide range of diversity-related learning artifacts and reflection essays.
WOMENST 455  ISSUES AND TOPICS IN WOMEN AND GENDER STUDIES  Repeatable  3 Units
This course provides intensive study of important issues in Women's Studies, with special emphasis on courses that reflect the most contemporary thought 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  GLOBAL GENDER POLITICS  3 Units
This course takes seriously the explanatory power and importance of gender in the study of global politics. It explores the roles of women and men, femininities and masculinities in the shaping, defining, and legitimating of world affairs. Using a critical, interdisciplinary perspective, this course considers how gender helps us better understand security, the global political economy, and global governance.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 464 AND WOMENST 464

WOMENST 481  GENDER, ETHNICITY, AND THE ENVIRONMENT  3 Units
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, ecofeminism, environmental justice, etc.) and responses to the environmental crisis.
PREREQ: SOPHOMORE STANDING

WOMENST 489  ADVANCED SEMINAR IN WOMEN'S AND GENDER STUDIES  3 Units
An intensive, integrative study of selected issues in Women's and Gender Studies, emphasizing critical thinking and research techniques. A substantial research paper is required.
PREREQ: WOMENST 100 AND WOMENST 280 OR PHILSPHY 390

WOMENST 490  WORKSHOP IN WOMEN'S, GENDER, AND SEXUALITY STUDIES  1-6 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.

WOMENST 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

WOMENST 493  INTERNSHIP IN WOMEN'S, GENDER, AND SEXUALITY STUDIES  3 Units
Work and study with an agency in women's, gender, and/or LGBTQ+ advocacy. Students working under faculty supervision will combine academic learning with practical experience.
PREREQ: 12 CREDITS IN COURSES APPROVED FOR WOMENS STUDIES

WOMENST 496  SPECIAL STUDIES  Repeatable  1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

WOMENST 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

WOMENST 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

WOMENST 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

World Language Courses

WRLDLANG 375  TRANSLATION AND INTERPRETATION  3 Units
This general interest course taught in English is for students in World Languages interested in translation or interpretation as a career, regardless of specific language studied. It examines ethical, linguistic and cultural issues connected with translation and interpretation practice, as well as professional paths for translators and interpreters. Students study and present case studies related to their particular language.

WRLDLANG 493  INTERNSHIP - FOREIGN LANGUAGE  Repeatable  1-3 Units
WRLDLANG 496  SPECIAL STUDIES  Repeatable  1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

WRLDLANG 497  STUDY ABROAD  Repeatable  1-12 Units
Variable topics.

WRLDLANG 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

Department of Biological Sciences

Outstanding facilities, innovative faculty members and a nationally recognized undergraduate research program make the Department of Biological Sciences an excellent choice for students interested in a career in the life sciences. Students with training in the biological sciences will be among those who will contribute significantly toward solving critical problems facing the world today, such as environmental challenges and health improvements.

Hands-on learning is at the heart of the department. Most courses feature a laboratory or field work component. Students are able to collaborate with faculty members on research projects with the possibility of co-authoring articles in national scientific publications. A variety of internship opportunities are also available, ranging from biotechnology to veterinary sites, at local to national locations. The department offers an annual field course to Yellowstone National Park in August, as well as other locales.

Students also have the opportunity to participate in on-campus organizations including Beta Beta Beta (national biological honor society), Pre-Health Associates of Tomorrow, and Helping Hands, and the Terrestrial and Aquatic Ecology Club.

UW-Whitewater has agreements with Deakin University in Australia, the State Laboratory of Hygiene cytotechnology training program, and the Palmer College of Chiropractic.

Majors/Emphases

Students may elect one of eight emphases in the Biological Sciences major. The Cell/Physiology and Ecology/Evolution/Behavior emphases are appropriate for students planning to pursue a career or post-graduate training in those fields. These include natural resource regulation, conservation and environmental studies. (next sentence was moved to the end of this paragraph). The Marine Biology and Freshwater Ecology
emphasizes provides students with three years of training locally, followed
by one year at Deakin University in Australia. The Early Entrance Pre-
Professional emphasis is designed for students to complete 3 years
locally and then transfer to a health professions program to complete
their training; at this time, this emphasis serves students participating
in the articulation agreement between UW-Whitewater and Palmer
College of Chiropractic. The Pre-Biomedical Professions emphasis was
initially designed for students planning to attend medical, veterinary, or
dental schools; it is also suitable for students interested in allied health
professions (physician assistant, physical therapist, nurse practitioner,
pharmacist, optometrist, podiatrist, chiropractor, athletic trainer, exercise
physiologist, cytotechnologist, etc.). There are two emphases that
offer training in biology and education (the BSE in Cell/Physiology
and Ecology/Evolution/Behavior); students considering a career in
subsequent employment. ISBM graduates will know more about business
and have a broader understanding of science and technology than most
business majors. Graduates of the program will be highly competitive for
teaching may also earn a degree in Biological Sciences and pursue
licensure separately. Students planning to attend graduate school are
also encouraged to consider one of the Honors emphases.

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.

Majors in Biological Sciences
- Biology - Cell/Physiology Emphasis (BA/BS) (p. 266)
- Biology - Early Entrance Pre-Professional Emphasis (BA/BS)
  (p. 266)
- Biology - Ecology, Evolution and Behavior Emphasis (BA/BS)
  (p. 266)
- Biology - Honors Emphasis (BA/BS) (p. 266)
- Biology - Marine Biology and Freshwater Ecology Emphasis (BA/BS)
  (p. 266)
- Biology - Pre-Biomedical Professions Emphasis (BA/BS) (p. 266)
- Biology Education - Cell/Physiology Emphasis (BSE) (p. 131)
- Biology Education - Ecology/Field Emphasis (BSE) (p. 131)

Minors in Biological Sciences
- Bioinformatics (p. 266)
- Biology (p. 266)
- Biology Education (p. 266)

Department of Chemistry

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 ensure
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, such as MFT
(Major Field Test) and the Departmental Exit Interview are requirements
for graduation.
Majors/Emphases

The Chemistry Department offers six options for chemistry majors.

1. The Liberal Arts Bachelor of Science 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, and various fields related to the medical sciences. This consists of 35 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 50 units of chemistry in addition to coursework in physics, and mathematics. 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. This program also satisfies the requirements of the University Honors program. It consists of 56 units of chemistry.

4. The Chemistry (BSE) option is designed for prospective secondary school teachers. This program consists of 34 chemistry units and 23 special major requirement units, including 10 mathematics units and 10 physics units. In addition, a 3-unit writing course (ENGLISH 372) is required. Finally, this program requires an approved academic minor and 40 units licensure courses, advised by an academic advisor in Education.

5. The Biochemistry Bachelor of Science major is offered for those who wish to focus on the study of chemical reactions as pertaining to biological systems. This is a field of intense research with numerous medical, industrial and agricultural applications. One of the main goals of this track is to introduce students to fundamental biochemical concepts and laboratory techniques, and to help them bridge the gap between chemistry and biology while developing a working vocabulary of biochemistry. This major requires 63 units. This program does not require an academic minor.

6. Analytical/Instrumental Emphasis This track is particularly recommended for students who intend to go to graduate school or work in the chemical industry with a more intensive training in analytical/instrumental chemistry. It consists of 44 units of chemistry in addition to coursework in physics and mathematics. A minor in "Physics" or "Physical Science" is recommended.

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.

Majors in Chemistry
- Chemistry - Analytical/Instrumental Emphasis (BA/BS) (p. 267)
- Chemistry - Biochemistry Emphasis (BA/BS) (p. 267)
- Chemistry - Honors Emphasis (BA/BS) (p. 267)
- Chemistry - Liberal Arts Emphasis (BA/BS) (p. 267)
- Chemistry - Professional ACS Approved Emphasis (BA/BS) (p. 267)
- Chemistry Education (BSE) (p. 131)

Minor in Chemistry
- Chemistry (p. 267)

Chemistry - Analytical/Instrumental Emphasis Requirements (BA/BS)
Chemistry - Biochemistry Emphasis Requirements (BA/BS)
Chemistry - Honors Emphasis Requirements (BA/BS)
Chemistry - Liberal Arts Emphasis Requirements (BA/BS)
Chemistry - Professional ACS Approved Emphasis Requirements (BA/BS)
Chemistry Education Requirements (BSE)
Chemistry Minor Requirements

Department of Computer Science

Computer Science is the study of modern computers including their design, applications, programming and theoretical foundation. 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.

Employment opportunities are to be found in a wide variety of corporations, state and federal agencies, research laboratories, and other organizations. 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.

**Majors/Emphases**

The Computer Science major prepares students for a wide range of careers using computer technology. Graduates are prepared to use modern technology and mathematical theory to engineer solutions that affect our daily lives. Depending on a student's choice of coursework within the major, a graduate could be prepared to work for a company needing a specialist in commercial software development, Web site development and administration, systems programming, cybersecurity, industrial programming applications, database engineer, data analytics, artificial intelligence, software engineering. Students obtaining a BSE degree can complete a minor or second major in Computer Science to be licensed to teach Computer Science in K-12 schools. The major also prepares students to begin graduate programs in Computer Science, Computer Engineering, or Cybersecurity.

The two emphases within the Computer Science major serve students with a variety of interests and career objectives. The General emphasis is targeted toward students who want to combine their study of computer science with a minor or second major in another area of study. Students who choose the Comprehensive emphasis are not required to complete a minor or second major; instead, they complete additional coursework in computer science, mathematics, natural science, and ethics.

All Computer Science majors choose one emphasis when they declare the major. Computer Science majors may change their emphasis at any time, but they are encouraged to consult with an academic advisor in Computer Science before doing so.

**Minors**

The minors offered by the Department of Computer Science allow students to build programming and data analysis skills that complement their major coursework and prepare them for a wide variety of careers.

The computer science minor builds a solid background in computing and related principles, which allows students to explore advanced or emerging areas of the computer science field. Students obtaining a BSE degree can become licensed to teach computer science in K-12 schools by completing this minor.

The Web Site Development and Administration minor gives students experience with the technologies used to build modern Web applications and equips students to form the technical core of a Web design team.

Students in the Cybersecurity minor learn about operational security in penetration testing, vulnerability analysis, system administration, intrusion detection, and incident response. They also learn to design and implement security features in the areas of cryptography-based secure network protocol design, secure operating system design, and secure software design.

The Bioinformatics minor, offered jointly with the Department of Biological Sciences, provides students with marketable skills that are required to solve computational problems in biological, biochemical, biomedical, and psychological research and in related fields.

The Data Science minor introduces students to this rapidly growing field and equips them with marketable problem solving skills and strategies needed to confront diverse analytic challenges. The curriculum of the data science minor covers conceptual, computational, and quantitative methods used to distill valuable patterns from the abundance of data that surrounds us.

**Majors in Computer Science**

- Computer Science (BA/BS) (p. 268)
- Computer Science - Comprehensive Emphasis (BS) (p. 268)

**Minors in Computer Science**

- Bioinformatics (http://uww-public.courseleaf.com/undergraduate/letters-sciences/interdepartmental-majors-minors/bioinformatics-minor/)
- Computer Science (p. 268)
- Cybersecurity (http://uww-public.courseleaf.com/undergraduate/letters-sciences/computer_science/cybersecurity-minor/)
- Data Science (p. 268)
- Web Site Development and Administration (p. 268)

**Certificates in Computer Science**

- Computer Science Master's Bridge Program (p. 268)
- Web Site Development and Administration (p. 268)

**Computer Science Requirements (BA/BS)**

**Computer Science - Comprehensive Emphasis Requirements (BS)**

**Data Science Minor Requirements**

**Web Site Development and Administration Minor Requirements**

**Computer Science Master's Bridge Certificate Requirements**

**Web Site Development and Administration Certificate Requirements**

**Department of Economics - COLS**

Economics is a social science concerned with choices made by individuals and society as well as a business science essential to
understanding the business world. Economics provides the foundation for analytical applications in accounting, finance, management, marketing, and public policy analysis. And beyond...the tools of economics can actually be applied to any area of human choice.

Students develop skills in analytical and critical thinking, quantitative and statistical proficiency, and economic literacy and knowledge that are broadly useful in many job descriptions. An economics education opens up opportunities for career paths in business, government, non-governmental and non-profit organizations, journalism and education. Economics is valuable as a major or minor for those planning to pursue further professional or graduate training, including 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.

Economics is divided into economic theory, quantitative methods and a variety of applied subfields. The department offers courses in Micro and Macroeconomic fundamentals, 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.

Students can major in economics within the College of Letters and Sciences (or 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 can pursue a minor in Economics through the College of Letters and Sciences. Students in the College of Education can obtain a BSE with a major in economics. The requirements for the Economics major courses are the same in all cases with only the courses required for the degree (BA, BS, BSE) being different.

**Majors in Economics**

- Economics (BA/BS) (p. 269)
- Economics Education (BSE) (p. 131)
- Social Studies Broadfield Education - Economics I Emphasis (BSE) (p. 269)
- Social Studies Broadfield Education - Economics II Emphasis (BSE) (p. 269)

**Minors in Economics**

- Economics (p. 269)
- Economics Education (p. 269)

**Economics Requirements (BA/BS)**

**Economics Education Requirements (BSE)**

**Social Studies Broadfield Education - Economics I Emphasis Requirements (BSE)**

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**Social Studies Broadfield Education - Economics II Emphasis Requirements (BSE)**

**Economics Minor Requirements**

**Economics Education Minor Requirements**

**Department of Geography, Geology and Environmental Science**

The majors, minors, programs, and certificates in the GGES department provide students with integrative knowledge and analytical skills to address environmental and social issues. Students can choose different emphases of study while also selecting courses that broaden knowledge across natural and social sciences. Our students find employment in both private and public sectors as well as funded positions in graduate schools. Our department has scholarship resources; connects students to internships, job opportunities and graduate schools; demonstrates a high rate of undergraduate research participation; and has state-of-the-art lab facilities for students to study and complete work. Students gain skills in quantitative, qualitative, and mapping analysis.

**Areas of study, with opportunities to integrate, include:**

- Human-Environmental Interaction – Environmental monitoring, landscape change, sustainability, resource management, satellite imagery and analysis and drone monitoring.
- Geologic Resources and Formations – Environmental geologic mapping; stratigraphy and paleoecology; museum studies; petroleum, mining and other extraction industries.
- Urban and Regional Analysis – Economic development, business and service location strategies, sustainable growth, segregation and inequality.
- Environmental Processes – Climate patterns and change, soil and landform development, environmental hazards and water quality.
- Culture and International Relations – Global development and human rights, population and international migration, governance and institutions, language, religion and gender.

**Majors in Geography, Geology and Environmental Sciences**

- Environmental Science - Environmental Resource Management Emphasis (BA/BS) (p. 270)
- Environmental Science - Geosciences Emphasis (BA/BS) (p. 270)
- Environmental Science - Natural Science Emphasis (BA/BS) (p. 270)
- Geography - General Emphasis (BA/BS) (p. 270)
- Geography - Geology Emphasis (BA/BS) (p. 270)
- Geography Education (BSE) (p. 131)
Minors in Geography, Geology and Environmental Science
- Environmental Studies (p. 270)
- Geography (p. 270)
- Geography Elementary Education (p. 270)
- Geology (p. 270)
- GIS (p. 270)

Certificate in Geography, Geology and Environmental Science
- GIS (p. 270)

Environmental Science - Resource Management Emphasis Requirements (BA/BS)

Environmental Science - Geosciences Emphasis Requirements (BA/BS)

Environmental Science - Natural Science Emphasis Requirements (BA/BS)

Geography - General Requirements (BA/BS)

Geography - Geology Emphasis Requirements (BA/BS)

Geography Education Requirements (BSE)

Social Studies Broadfield - Geography Emphasis Requirements (BSE)

Environmental Studies Minor Requirements

Geography Minor Requirements

Geography Elementary Education Minor Requirements

Geology Minor Requirements

GIS Minor Requirements

GIS Certificate Requirements

Department of History

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 in History
- History (BA/BS) (p. 270)
- History - History Honors Emphasis (BA/BS) (p. 270)
- History - Public History Emphasis (BA/BS) (p. 270)
- History - Public History Honors Emphasis (BA/BS) (p. 270)
- History Education (BSE) (p. 132)
- History Education - Honors Emphasis (BSE) (p. 271)
- Social Studies Broadfield - History Emphasis (BSE) (p. 271)

Minors in History
- History (p. 271)
- History - Education (p. 271)

Certificate in History
- Public History (p. 271)

History Requirements (BA/BS)
- History - History Honors Emphasis Requirements (BA/BS)
- History - Public History Emphasis Requirements (BA/BS)
- History - Public History Honors Emphasis Requirements (BA/BS)
- History Education Requirements (BSE)
History Education - Honors Requirements (BSE)

Social Studies Broadfield - History Emphasis Requirements (BSE)

History Minor Requirements

History Education Minor Requirements

Public History Certificate Requirements

International and Area Studies

International Studies Major

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.

Approved Course List

Majors in International and Area Studies

• International Studies - Business Emphasis (BA/BS) (p. 271)
• International Studies - Foreign Language and Area Studies Emphasis (BA/BS) (p. 271)
• International Studies - International Economics Emphasis (BA/BS) (p. 271)
• International Studies - Public Diplomacy Emphasis (BA/BS) (p. 271)

Minor in International and Area Studies

• International Studies (p. 271)

Certificate in International and Area Studies

• Global Engagement (p. 272)

International Studies - Business Emphasis Requirements (BA/BS)

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>INTRNAR 200</td>
<td>ISSUES IN INTERNATIONAL STUDIES: INQUIRY AND WRITING IN THE MAJOR</td>
<td>3</td>
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Select one of the following:

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<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ANTHROPL 218</td>
<td>CULTURAL ANTHROPOLOGY (GS)</td>
<td>3</td>
</tr>
</tbody>
</table>

International Studies Major - Foreign Language and Area Studies Emphasis Requirements (BA/BS)

International Studies Major - International Economics Emphasis Requirements (BA/BS)

International Studies Major - Public Diplomacy Emphasis Requirements (BA/BS)

International Studies Minor Requirements

HISTORY 326  Course HISTRY 326 Not Found
RELIGST 111  INTRODUCTION TO ASIAN RELIGIONS (GH)
RELIGST 112  INTRODUCTION TO WESTERN RELIGIONS (GH)
GEOGRPY 230  HUMAN GEOGRAPHY (GS)
or SOCIOLOGY 385  SOCIOLOGY OF GLOBALIZATION  3
POLISCI 351  INTERNATIONAL RELATIONS  3
INTRNAR 488  TOPICS IN INTERNATIONAL STUDIES  3
COMM 424  CROSS CULTURAL COMMUNICATION (DV) (GS)  3

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ECON 431</td>
<td>ECONOMICS OF GLOBALIZATION</td>
<td>3</td>
</tr>
<tr>
<td>ECON 401</td>
<td>INTERNATIONAL ECONOMICS</td>
<td>3</td>
</tr>
<tr>
<td>ECON 359</td>
<td>COMPARATIVE ECONOMIC SYSTEMS</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the existing Business minors in consultation with advisor  20-24
Select 9-13 units, from list of courses approved for International Studies major (personalization required)  9-13

Total Units  54

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. Six units of travel-study or study abroad courses (or equivalent). Completion of requirements for L&S Global Engagement Certificate.  22

Writing Requirement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>INTRNAR 488</td>
<td>TOPICS IN INTERNATIONAL STUDIES (includes a significant writing component which will fulfill the writing requirement)</td>
<td>3</td>
</tr>
</tbody>
</table>

No minor required.
Global Engagement Certificate Requirements

Department of Languages and Literatures

262-472-1036
english@uww.edu
forlang@uww.edu

English

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 creative writing emphasis or a professional writing and 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 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 http://www.uww.edu/testing/.

Majors/Emphases

ENGLISH 101, ENGLISH 102, ENGLISH 105, ENGLISH 161, and ENGLISH 162 do not count toward an English major or minor; however, ENGLISH 102 or ENGLISH 162, or ENGLISH 105 is a prerequisite for all upper division English courses.

A student majoring in English may select from these areas: Literature, Creative Writing, Professional Writing and Publishing, or Education.

Liberal arts students majoring in English are urged to fulfill the upper class 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.

Foreign Languages

Courses in foreign languages provide listening, speaking, reading and writing skills as well as an introduction to the literature and the culture of the peoples who 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 competence 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 who wish to continue studying Spanish, French or German but who have no prior university-level coursework in the language must take the appropriate foreign language placement exam and will be placed accordingly. (Contact the Testing Office, 262-472-5613.) The placement test is given to help the student select the proper course, but departmental advising is still recommended. Native speakers of these foreign languages should speak with the Foreign Language Coordinator regarding placement. 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-Whitewater or another UW-System university. Students may enroll in any course except Phonetics (French/German/Spanish 310) and Conversation (French/German/Spanish 390) to receive retroactive credits (retrocredits) for previous language experience, and the "B" or higher grade must be earned in the first eligible course taken at the university level.

Majors in Languages and Literatures

- English - Creative Writing Emphasis (BA/BS) (p. 273)
- English - Literature Emphasis (BA/BS) (p. 273)
- English - Professional Writing and Publishing (BA/BS) (p. 273)
- English Education (BSE) (p. 131)
- Film Studies (BA/BS) (http://uww-public.courseleaf.com/undergraduate/letters-sciences/languages-literatures/film-studies-ba-bs/)
- French (BA/BS) (p. 273)
- French Education (BSE) (p. 131)
- German (BA/BS) (p. 273)
- German Education (BSE) (p. 131)
- Japanese Studies (BA) (p. 273)
- Spanish (BA/BS) (p. 273)
- Spanish Education (BSE) (p. 132)

Minors in Languages and Literatures

- Creative Writing (p. 273)
- English (p. 273)
- English Education (p. 273)
- Film Studies (p. 273)
- French (p. 273)
- French Education (p. 273)
- German (p. 273)
- German Education (p. 273)
- Japanese Studies (p. 273)
- Professional Writing and Publishing (p. 273)
- Spanish (p. 273)
- Spanish Education (p. 273)
- Teaching English as a Second Language (p. 273)
• Teaching English as a Second Language/Bilingual-Bicultural (p. 273)
• Teaching English as a Second Language for Adults (p. 273)

Certificates in Languages and Literatures
• Film Studies (p. 273)
• Professional Writing and Publishing (p. 273)

English - Creative Writing Emphasis Requirements (BA/BS)
English - Literature Emphasis Requirements (BA/BS)
English - Professional Writing and Publishing Emphasis Requirements (BA/BS)
English Education Requirements (BSE)
French Requirements (BA/BS)
French Education Requirements (BSE)
German Requirements (BA/BS)
German Education Requirements (BSE)
Japanese Studies Requirements (BA)
Spanish Requirements (BA/BS)
Spanish Education Requirements (BSE)
Creative Writing Minor Requirements
English Minor Requirements
English Education Minor Requirements
Film Studies Minor Requirements
French Minor Requirements

French Education Minor Requirements

German Minor Requirements

German Education Minor Requirements

Japanese Studies Minor Requirements

Professional Writing and Publishing Minor Requirements

Spanish Minor Requirements

Spanish Education Minor Requirements

Teaching English as a Second Language Minor Requirements - L&S

Teaching English as a Second Language/Bilingual-Bicultural Minor Requirements - L&S

Teaching English as a Second Language for Adults Minor Requirements - L&S

Film Studies Certificate

Professional Writing and Publishing Certificate Requirements

Department of 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 a strong background 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

Students may elect one of five emphases in the mathematics major. Emphases consist of the CORE\(^1\) courses and an additional 4 to 5 required courses in the emphasis. In addition, students majoring in mathematics must complete a writing requirement (ENGLISH 370 or ENGLISH 372), a computer science requirement\(^2\), and the Math Exit Interview milestone requirement. An approved minor is also required with each emphasis.

\(^1\) The one exception is the Applied Mathematics Emphasis for which the CORE course MATH 452 is not required.

For more information on the different emphases including 4-year plans and Math Major FAQ, please visit the department's website: [http://www.uww.edu/cls/departments/math](http://www.uww.edu/cls/departments/math).

**CORE courses in the Mathematics Major - 25 units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MATH 253</td>
<td>CALCULUS AND ANALYTIC GEOMETRY I</td>
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</tr>
<tr>
<td>MATH 254</td>
<td>CALCULUS AND ANALYTIC GEOMETRY II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 255</td>
<td>CALCULUS AND ANALYTIC GEOMETRY III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 280</td>
<td>DISCRETE MATHEMATICS</td>
<td>3</td>
</tr>
<tr>
<td>MATH 301</td>
<td>INTRODUCTION TO ANALYSIS</td>
<td>3</td>
</tr>
<tr>
<td>MATH 355</td>
<td>MATRICES AND LINEAR ALGEBRA</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>22</strong></td>
</tr>
</tbody>
</table>

\(^1\) The CORE course MATH 301 is not required for the Statistics Emphasis.

\(^2\) There is no Computer Science requirement for the Secondary Education Emphasis.

**Majors in Mathematics**

- Mathematics - Actuarial Science Emphasis (BA/BS) (p. 274)
- Mathematics - Applied Mathematics Emphasis (BA/BS) (p. 274)
- Mathematics - Pure Mathematics Emphasis (BA/BS) (p. 274)
- Mathematics - Statistics Emphasis (BA/BS) (p. 274)
- Mathematics Education (BSE) (p. 132)

**Minors in Mathematics**

- Actuarial Mathematics (p. 274)
- Mathematics (p. 274)
- Mathematics Elementary Education (p. 274)
- Mathematics Secondary Education (p. 274)
- Statistics (p. 274)

**Mathematics - Actuarial Science Emphasis Requirements (BA/BS)**

**Mathematics - Applied Mathematics Emphasis Requirements (BA/BS)**

**Mathematics - Pure Mathematics Emphasis Requirements (BA/BS)**

**Mathematics - Statistics Emphasis Requirements (BA/BS)**

**Mathematics Education Requirements (BSE)**

**Actuarial Mathematics Minor Requirements**

**Mathematics Minor Requirements**

**Mathematics Secondary Education Minor Requirements**

**Statistics Minor**

Department of Philosophy and Religious Studies

This department fosters critical thinking and appreciation in the areas of reasoning, knowledge, reality, meaning, gender and race issues, ethics, history of religions, hermeneutics, religious rituals, and sacred stories. Research emphases may include German philosophy, feminist philosophy, philosophy of race, philosophy of science, epistemology, ethics, social philosophy, aesthetics, biblical interpretation, classical Hinduism, Buddhism, and religion in the human sciences.

Liberal Studies

The Liberal Studies program offers students an educational experience that emphasizes broad academic inquiry and purposeful interdisciplinarity. The program allows courses of study that are flexible and/or online and is, therefore, a good fit for students whose interests fall outside a discipline-specific major, transfer students, and returning students. The Liberal Studies program helps students contextualize their learning through the lens of liberal education and personal and social responsibility, acquire skills in writing, research, and communication, gain breadth of knowledge in arts, humanities, social sciences, and physical sciences, and pursue specialization in a minor or focus area.

By the end of their Liberal Studies program, students will be able to:

1. Think critically, integrate and synthesize knowledge from diverse perspectives and evaluate complex information.
2. Make informed ethical and value judgments.
3. Understand and explain the value of a liberal education.
4. Apply the concepts and methodologies of the liberal arts to understand issues in society and in one's own life.
5. Communicate effectively in written form.
6. Effectively utilize intellectual and practical skills—including analytical skills, research methods, and/or computer skills.
7. Effectively utilize expression skills—including communicating creatively, orally, or in a language other than English.
8. Demonstrate a base of knowledge from various disciplines— including arts & humanities, social sciences, and physical sciences.
9. Demonstrate a base of knowledge about cultures within North America & Europe.
10. Demonstrate a base of knowledge about cultures outside North America & Europe.

The Liberal Studies program offers students the chance to pursue either a major or minor in Liberal Studies. Students with a Liberal Studies major choose either a Bachelor of Arts Degree or a Bachelor of Science Degree, then either a 54-unit Liberal Studies major with a focus area or a 36-unit Liberal Studies major with a declared minor. These program paths can be completed on campus or as part of our online degree completion program.

**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. Courses also survey the history of western philosophy in light of these issues and foster critical, analytical, and creative thinking skills that are relevant to any subject matter. As a discipline central to a liberal arts education, philosophy seeks to develop students’ skills and knowledge, preparing them for life as a whole.

**Religious Studies**

Religious Studies challenges students to explore ideas relating to the world’s major religious traditions. Research can focus on the intellectual, historical, cultural, and personal dimensions of religion in human life. Knowledge in this field will help students understand historic and current cultural, political, and theological issues from a global perspective, and this knowledge is valuable in any career where contact with diverse populations occurs.

**Majors in Philosophy and Religious Studies**

- Liberal Studies - With Minor Emphasis (BA/BS) (p. 275)
- Liberal Studies - With No Minor Emphasis (BA/BS) (p. 275)
- Liberal Studies - With No Minor Honors Emphasis (BA/BS) (p. 275)

**Minors in Philosophy and Religious Studies**

- Liberal Studies (p. 275)
- Philosophy (p. 275)
- Philosophy Education (p. 275)
- World Religions (p. 275)

**Certificate in Philosophy and Religious Studies**

Interdisciplinary Ethics (p. 275)

**Liberal Studies with Minor Requirements (BA/BS)**

**Liberal Studies Major with No Minor Requirements (BA/BS)**

**Liberal Studies with No Minor Honors Emphasis (BA/BS)**

**Liberal Studies Minor Requirements**

**Philosophy Minor Requirements**

**Philosophy Education Minor Requirements**

**World Religions Minor Requirements**

**Certificate of Interdisciplinary Ethics**

**Department of Physics**

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.

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.

**Majors in Physics**

- Physics - Engineering and Industry Emphasis (BA/BS) (p. 275)
- Physics - Graduate School Emphasis (BA/BS) (p. 275)
- Physics Education (BSE) (p. 132)

**Minors in Physics**

- Physical Science (p. 276)
- Physics (p. 276)
- Physics Education (p. 276)

**Physics Engineering and Industry Emphasis Requirements (BA/BS)**

**Physics Graduate School Emphasis Requirements (BA/BS)**

**Physics Education Requirements (BSE)**
Physical Science Minor Requirements

Physics Minor Requirements

Physics Education Minor Requirements

Department of Political Science

Students who major or minor in political science and its related disciplines at UW-Whitewater are offered a comprehensive course of study. This course of study emerges from the awareness that governmental policy and policy-making are of paramount importance for the lives 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 with a unique opportunity to blend theory with practice is also available. Internship possibilities include work with a legislator, on the campaign staff of a candidate for public office, in a law office or a court, 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 also 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. In addition, the Political Science Department offers an Emphasis in Legal Studies for students interested in careers in law and law related fields. The Political Science Department also offers minors in Political Science, Public Administration, and Legal Studies, as well as Paralegal and Lobbying Certificates.

Majors/Emphases

Legal Studies: this emphasis provides students with a comprehensive and interdisciplinary course of study in public law. This emphasis is designed for students interested in pre-law preparation, graduate studies, or careers in a variety of law related fields.

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. 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:

1. Public Employment Option
   a. Plan A: Major in political science with a minor in public administration
   b. Plan B: Double Major in Political Science & Public Policy & Administration

2. Law Option
   b. Plan B: Major in Political Science with a minor in Legal Studies or related discipline.

3. International Employment Option
   a. Plan A: Major in political science with an emphasis in comparative and international politics.

4. Government and Business Option
   a. Plan A: Major in political science and a minor in a related discipline
   b. 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:

1. American Government - courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLISCI 314</td>
<td>MEDIA AND AMERICAN POLITICS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 317</td>
<td>THE AMERICAN LEGISLATIVE PROCESS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 318</td>
<td>THE AMERICAN PRESIDENCY</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 319</td>
<td>AMERICAN POLITICAL PARTIES AND ELECTIONS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 321</td>
<td>AMERICAN INTEREST GROUP POLITICS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 344</td>
<td>STATE AND LOCAL GOVERNMENT</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 357</td>
<td>PUBLIC OPINION AND POLITICAL BEHAVIOR</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 413</td>
<td>CONSTITUTIONAL LAW</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 414</td>
<td>THE CONSTITUTION AND CIVIL LIBERTIES</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 415</td>
<td>CRIMINAL JUSTICE AND THE CONSTITUTION</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 416</td>
<td>THE CONSTITUTION AND CIVIL RIGHTS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 419</td>
<td>THE JUDICIAL PROCESS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 422</td>
<td>RELIGION AND AMERICAN POLITICS</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 446</td>
<td>POLITICS OF THE METROPOLIS</td>
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2. Public Policy & Administration - courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>POLISCI 316</td>
<td>POLICE AND CRIMINAL JUSTICE ADMINISTRATION</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 330</td>
<td>PUBLIC POLICY ANALYSIS AND ADVOCACY</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 331</td>
<td>U.S. DISABILITY POLITICS AND POLICY</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 342</td>
<td>SCIENCE POLICY AND HUMAN HEALTH</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 343</td>
<td>US ENVIRONMENTAL POLITICS AND POLICY</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 421</td>
<td>PUBLIC PERSONNEL ADMINISTRATION</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 430</td>
<td>FORMATION OF PUBLIC POLICY</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 440</td>
<td>THE POLITICS OF GOVERNMENT BUDGETING</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 489</td>
<td>SEMINAR IN PUBLIC ADMINISTRATION</td>
<td>3</td>
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</table>
3. Comparative Government - courses:

<table>
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<th>Code</th>
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<tr>
<td>POLISCI 345</td>
<td>FEDERALISM</td>
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<tr>
<td>POLISCI 352</td>
<td>COMPARATIVE GOVERNMENT - EUROPE</td>
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<tr>
<td>POLISCI 456</td>
<td>GOVERNMENT AND POLITICS OF LATIN AMERICA</td>
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<tr>
<td>POLISCI 460</td>
<td>GOVERNMENT AND POLITICS OF ASIA</td>
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<tr>
<td>POLISCI 461</td>
<td>GOVERNMENT AND POLITICS OF AFRICA</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 471</td>
<td>GOVERNMENT AND POLITICS IN THE MIDDLE EAST</td>
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<tr>
<td>POLISCI 472</td>
<td>GOVERNMENT AND POLITICS OF CHINA</td>
<td>3</td>
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<td>POLISCI 480</td>
<td>GOVERNMENT AND POLITICS OF JAPAN</td>
<td>3</td>
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4. International Relations - courses:

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</thead>
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<tr>
<td>POLISCI 340</td>
<td>POLITICS OF DEVELOPMENT</td>
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<tr>
<td>POLISCI 348</td>
<td>INTERNATIONAL ORGANIZATIONS</td>
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<td>POLISCI 350</td>
<td>INTERNATIONAL LAW</td>
<td>3</td>
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<td>POLISCI 351</td>
<td>INTERNATIONAL RELATIONS</td>
<td>3</td>
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<tr>
<td>POLISCI 457</td>
<td>AMERICAN FOREIGN POLICY</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 463</td>
<td>PEACE STUDIES: CONFLICT RESOLUTION AND CRISIS MANAGEMENT</td>
<td>3</td>
</tr>
<tr>
<td>POLISCI 464</td>
<td>GLOBAL GENDER POLITICS</td>
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5. Political Theory - courses:

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<th>Title</th>
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<tbody>
<tr>
<td>POLISCI 365</td>
<td>BLACK POLITICAL AND SOCIAL THOUGHT</td>
<td>3</td>
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<tr>
<td>POLISCI 410</td>
<td>ANCIENT AND MEDIEVAL POLITICAL THOUGHT: GREEK, ROMAN, CHRISTIAN</td>
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<td>POLISCI 411</td>
<td>MODERN POLITICAL THOUGHT</td>
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<td>POLISCI 412</td>
<td>CONTEMPORARY POLITICAL THOUGHT</td>
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<tr>
<td>POLISCI 420</td>
<td>AMERICAN POLITICAL THOUGHT</td>
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</tbody>
</table>

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.

Majors in Political Science

- Political Science (BA/BS) (p. 277)
- Political Science - Honors Emphasis (BA/BS) (p. 277)
- Political Science - Legal Studies Emphasis (BA/BS) (p. 277)
- Political Science Education (BSE) (p. 277)
- Public Policy and Administration (BS) (p. 277)

Minors in Political Science

- Legal Studies (p. 277)
- Middle Eastern Studies (p. 277)
- Political Science (p. 277)
- Political Science Education (p. 277)
- Public Administration (p. 277)

Certificates in Political Science

- Lobbying (p. 277)
- Paralegal (p. 277)

Political Science Requirements (BA/BS)

Political Science Honors Emphasis Requirements (BA/BS)

Political Science - Legal Studies Emphasis Requirements (BA/BS)

Political Science Education Requirements (BSE)

Public Policy and Administration Requirements - L&S (BS)

Social Studies Broadfield - Political Science Emphasis Requirements (BSE)

Legal Studies Minor Requirements

Middle Eastern Studies Minor

Political Science Minor Requirements

Political Science Education Minor Requirements

Public Administration Minor Requirements

Lobbying Certificate Requirements

Paralegal Certificate Requirements

Dr. Jolly Emrey (Coordinator)
Department of Psychology

Psychological 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, including the relationship between physiology and behavior, the processes through which people acquire and use information, and the 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 flexibility for students considering graduate programs in psychology; students may plan a sequence of core and advanced courses best preparing them for practice-related fields (such as clinical psychology, counseling psychology, and school psychology), or for graduate study in fields such as social psychology, developmental psychology, cognitive psychology, and neuroscience.

Majors in Psychology

• Psychology (BA/BS) (p. 278)
• Psychology Education (BSE) (p. 132)
• Social Studies Broadfield Education - Psychology I Emphasis (BSE) (p. 278)

Minors in Psychology

• Psychology (p. 278)
• Psychology for Business Majors (p. 278)
• Psychology for Secondary Education Majors (p. 278)

Psychology Requirements (BA/BS)

Psychology Education Requirements (BSE)

Social Studies - Broadfield Psychology I Emphasis Requirements (BSE)

Psychology Minor Requirements

Psychology Minor for Business Majors Requirements

Psychology Minor for Secondary Education Majors Requirements

Department of Race and Ethnic Studies

Race and Ethnic Studies is an interdisciplinary area that explores knowledge about Americans of African, American Indian, Asian/Asian American, and Latinx/Latin American descent. It examines their experiences, roles, and achievements through courses in disciplines as varied as history, literature, sociology, political science, music, women's and gender studies, geography, and philosophy and religious studies. Assessing past and current theories and research about race and ethnicity, Race and Ethnic Studies also contributes theoretical and practical knowledge for students of all backgrounds. It provides a valuable interdisciplinary perspective on the major academic disciplines as well.

The Race and Ethnic Studies Program offers five minors:

• African American Studies
• American Indian Studies
• Asian/Asian American Studies
• Latinx/Latin American Studies
• Race and Ethnic Studies

The five minors in the program are a valuable asset in many areas of employment (e.g., business, industry, teaching, law, health, social work, communications, counseling, and research).

Race and Ethnic Studies courses are open to students in all curricula, some as general education courses, some as general electives. New courses with a focus on race and ethnicity are being developed, and existing courses are being offered on a rotating basis. Students should obtain the most recent lists from the Race and Ethnic Studies Program Coordinator.

Minors in Race and Ethnic Studies

• African American Studies (p. 278)
• American Indian Studies (p. 278)
• Asian/Asian American Studies (p. 278)
• Latinx/Latin American Studies (p. 278)
• Race and Ethnic Cultures (p. 278)

African American Studies Minor Requirements

American Indian Studies Minor
Asian/Asian American Studies Minor
Latinx/Latin American Studies Minor
Race and Ethnic Cultures Minor Requirements

Department of Social Work

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' knowledge, values and 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 in Social Work

• Social Work (BA/BS) (p. 279)

Minor in Social Work

• Human Services Foundations (p. 279)

Social Work Requirements (BA/BS)

Human Services Foundations Minor Requirements

Department of Sociology, Criminology and Anthropology

The Department of Sociology, Criminology and Anthropology 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, human resources, 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 Criminology Major and Minor focus on the foundation and causes of criminal and delinquent behavior and victimization, 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 Sociology-Honors Emphasis Major prepares students with advanced study in theory and methods in preparation for graduate school. The Family and Health Studies Minor focuses on the personal and social dimensions of family and health issues. The Anthropology Minor involves the cross-cultural study of humankind, both past and present, including its origins and development and material and non-material culture through archaeological, biophysical, ethnographic, and linguistic perspectives.

In addition to the Majors and Minors, the Department offers four unique Certificates: Forensic Science, Disability Studies, Applied Research, and Corporate Social Responsibility. The Forensic Science Certificate teaches students how to apply the scientific method to the collection, processing, analysis, and evaluation of evidence. Students learn how to interpret forensic evidence and its role in the criminal justice system. The Disability Studies Certificate prepares students to consider the construction and experience of disability (and ability) through multiple disciplines and perspectives. The Applied Research Certificate prepares students with the skills to plan and execute an applied research project and who plan to work in any public or private organization. And finally, the Corporate Social Responsibility Certificate teaches students how leadership in corporations act responsibly (or irresponsibly) in relationship to the environment, community, consumer, employee, government, non-government entities, and other stakeholders and members of the public.

Majors/Emphases: Groups of Courses Within Sociology

Group 1A - Social Structure, Interaction, and Change

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIOLGY 250</td>
<td>SOCIAL PROBLEMS</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 337</td>
<td>SOCIOLOGY OF NEWS AND THE MASS MEDIA</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 340</td>
<td>SOCIAL MOVEMENTS AND COLLECTIVE BEHAVIOR</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 352</td>
<td>URBAN SOCIETY</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 355</td>
<td>SOCIAL PSYCHOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 356</td>
<td>POLITICAL SOCIOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 380</td>
<td>ORGANIZATIONS AND SOCIETY</td>
<td>3</td>
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Group 2A - Inequality and Diversity

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<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>SOCIOLGY 265</td>
<td>RACE AND ETHNIC RELATIONS</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 270</td>
<td>THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 285</td>
<td>ASIAN AMERICANS</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 344</td>
<td>RACE, ETHNICITY AND FILM</td>
<td>3</td>
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<tr>
<td>SOCIOLGY 345</td>
<td>SOCIOLOGY OF GENDER</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 351</td>
<td>SOCIOLOGY OF SOCIAL CLASS</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 353</td>
<td>SOCIOLOGY OF RELIGION</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 393</td>
<td>RACE AND ETHNICITY BEYOND THE CLASSROOM</td>
<td>3</td>
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Group 3A - Faith, Health, and Environment

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<tr>
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<tbody>
<tr>
<td>SOCIOLGY 252</td>
<td>INTRODUCTION TO FAMILY STUDIES</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 302</td>
<td>CULTURE, MEDICINE AND HEALTH</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 310</td>
<td>SOCIOLOGY OF HEALTH AND ILLNESS</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 315</td>
<td>SOCIOLOGY OF DISABILITY</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 342</td>
<td>SOCIOLOGY OF FAMILY AND WORK</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 347</td>
<td>GENDER AND FAMILY IN JAPAN</td>
<td>3</td>
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<tr>
<td>SOCIOLGY 362</td>
<td>POPULATION STUDIES</td>
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<tr>
<td>SOCIOLGY 392</td>
<td>AFRICAN AMERICAN FAMILIES</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 394</td>
<td>MINORITY AND MULTIRACIAL FAMILIES</td>
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Group 4A - Crime, Criminal Justice, and Law

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<tr>
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<tbody>
<tr>
<td>SOCIOLGY 276</td>
<td>INTRODUCTION TO CRIMINOLOGY</td>
<td>3</td>
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<tr>
<td>SOCIOLGY 365</td>
<td>SOCIOLOGY OF LAW</td>
<td>3</td>
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</table>
SOCIOLGY 370  JUVENILE DELINQUENCY            3
SOCIOLGY 371  SOCIOLOGY OF VIOLENT CRIME        3
SOCIOLGY 372  WHITE-COLLAR CRIME: CORPORATE AND
              GOVERNMENTAL DEVIANCE             3
SOCIOLGY 373  SOCIOLOGY OF TERRORISM            3
SOCIOLGY 374  SOCIOLOGY OF POLICE AND COURTS    3
SOCIOLGY 375  RESTORATIVE JUSTICE              3
SOCIOLGY 377  SOCIOLOGY OF DRUGS AND CRIME     3
SOCIOLGY 378  SOCIOLOGY OF PUNISHMENT AND
              CORRECTIONS                    3
SOCIOLGY 379  WOMEN AND CRIME                  3
SOCIOLGY 426  MINORITIES & THE CRIMINAL JUSTICE
              SYSTEM                        3

Group 5A- Global Comparative

<table>
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<tr>
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<tr>
<td>ANTHROPL 218</td>
<td>CULTURAL ANTHROPOLOGY</td>
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<tr>
<td>ANTHROPL 310</td>
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<tr>
<td>SOCIOLGY 319</td>
<td>ENVIRONMENTAL SOCIOLOGY</td>
<td>3</td>
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<tr>
<td>SOCIOLGY 321</td>
<td>SOCIOLOGY OF NATURAL DISASTERS</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 350</td>
<td>CONTEMPORARY JAPANESE SOCIETY</td>
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<tr>
<td>SOCIOLGY 358</td>
<td>CONTEMPORARY CHINESE SOCIETY</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLGY 385</td>
<td>SOCIOLOGY OF GLOBALIZATION</td>
<td>3</td>
</tr>
</tbody>
</table>
| SOCIOLGY 388  | THE HOLOCAUST: NAZI GERMANY AND THE
               GENOCIDE OF THE JEWS              | 3     |
| SOCIOLGY 391  | RACE AND ETHNICITY IN COMPARATIVE
               PERSPECTIVE                    | 3     |
| SOCIOLGY 491  | TRAVEL STUDY                               | 1-3   |

Applied Course

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SOCIOLGY 493</td>
<td>APPLIED SOCIOLOGY</td>
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Other Electives

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<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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</table>
| SOCIOLGY 200  | INTRODUCTION TO PEACE AND SOCIAL
               JUSTICE                      | 3     |
| SOCIOLGY 255  | SOCIOLOGY OF SCIENCE FICTION       | 3     |
| SOCIOLGY 490  | WORKSHOP                            | 1-6   |
| SOCIOLGY 491  | TRAVEL STUDY                        | 1-3   |
| SOCIOLGY 494  | SEMINAR IN SOCIOLOGY               | 3     |
| SOCIOLGY 496  | SPECIAL STUDIES                    | 1-3   |
| SOCIOLGY 498  | INDEPENDENT STUDY                  | 1-3   |
| SOCIOLGY 498R | INDEPENDENT STUDY- UNDERGRADUATE
               RESEARCH                       | 1-3   |
| SOCIOLGY 499  | SENIOR HONORS THESIS               | 2     |

Required Courses

Required courses do not satisfy group requirements.

Majors in Sociology, Criminology and Anthropology
- Criminology (BA/BS) (p. 280)
- Sociology (BA/BS) (p. 280)
- Sociology - Global Comparative Studies Emphasis (BA/BS) (p. 280)
- Sociology - Honors Emphasis (BA/BS) (p. 280)
- Sociology Education (BSE) (p. 132)
- Social Studies Broadfield Education - Sociology Emphasis (BSE) (p. 281)

Minors in Sociology, Criminology and Anthropology
- Anthropology (p. 281)
- Criminology (p. 281)
- Family and Health Studies (p. 281)
- Sociology (p. 281)
- Sociology - Education (p. 281)

Certificate in Sociology, Criminology and Anthropology
- Applied Research Certificate (http://www.uww.edu/cls/majors-minors/#Cert)
- Corporate Social Responsibility Certificate (http://www.uww.edu/cls/majors-minors/#Cert)
- Disabilities Studies Certificate (http://www.uww.edu/cls/majors-minors/#Cert)
- Forensic Science Certificate (p. 281)

Criminology Requirements (BA/BS)
Sociology Requirements (BA/BS)
Sociology Global Comparative Studies Emphasis Requirements (BA/BS)
Sociology - Honors Emphasis Requirements (BA/BS)
Sociology Education Requirements (BSE)
Women’s and Gender Studies is a vibrant interdisciplinary field of study that explores how and why gender matters in the pursuit of knowledge and social justice. Informed by the arts, humanities, social sciences and natural sciences, Women’s and Gender Studies courses address a wide range of social problems, issues and contexts at the intersections of gender, race, class, sexuality and more. In doing so, the field examines the connections among individual experiences and roles and social institutions related to everyone’s lives. Students in Women’s and Gender Studies courses develop key critical thinking and writing skills, as well as, theoretical and practical knowledge applicable to a wide range of personal, civic, and employment contexts. Students learn within a flexible curriculum that provides them opportunities to shape their education and experiences in the field. The department stresses advising, community building, and mentoring, working to provide engaging and meaningful classroom experiences.

The Major, Minor and Certificates offered by this department are valuable assets in many areas of employment including business, education, law, health, social work, communications, counseling, research and many more. Internships, undergraduate research, and enriching co-curricular activities are available.

Major in Women’s and Gender Studies

- Women’s and Gender Studies (BA/BS) (p. 281)
Women's and Gender Studies Minor Requirements

Diversity Leadership Certificate

LGBTQ Studies Certificate

Women's and Gender Studies Certificate

In addition to the Women's Studies Major and Minor, students have another option in Women's Studies – the 15 credit certificate. Students who successfully complete 15 credits in approved Women's Studies courses will receive a transcript designation WOMEN'S STUDIES CERTIFICATE by requesting the designation from the Chair of Women's and Gender Studies. The requirements are 15 credits of approved Women's Studies courses, including at least 6 credits in courses which have the Women's Studies prefix WOMENST. The following courses count toward the Women's Studies Certificate.

Developmental Education

The Developmental Education Program, housed in the Office of Student Diversity, Engagement and Success, offers courses in Study/Academic Survival Skills and College Literacy. 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 the Tutorial Center.

Interdepartmental Majors/Emphases and Minors - COLS

The College of Letters and Sciences offers a wide range of interdisciplinary majors, minors and certificates. More information on any of these programs can be obtained from the L&S Advising Office, Laurentide Hall 4100 (lsadvise@uww.edu, 262-472-1550).

Interdisciplinary Majors

- Individually Designed (BA/BS) (p. 283)
- Integrated Science - Business (BS) (p. 283)
- International Studies (p. 271)
- Liberal Studies (p. 275)
- Public Policy and Administration (p. 277)
- Social Studies Broadfield (BSE) (p. 283)

Interdisciplinary Minors

- Allied Health Foundations (p. 283)
- Environmental Studies (p. 270)
- Family, Health and Disability Studies (p. 281)
- General Science Elementary (p. 283)
- Human Services Foundations (p. 279)
- Individually Designed (p. 283)
- International Studies (p. 271)
- Liberal Studies (p. 275)
- Middle Eastern Studies (p. 277)
- Physical Science (p. 276)
- Public Health (p. 283)
- Social Studies Elementary Education (p. 283)

Interdisciplinary Certificates

- Applied Research (p. 281)
- Corporate Social Responsibility (p. 281)
- Disability Studies (p. 281)
- Global Engagement (p. 272)
Individually Designed Major Requirements - COLS (BA/BS)

Integrated Science - Business Requirements (BS)

Integrated Science - Business Water Resource Emphasis Requirements (BS)

Social Studies Broadfield Major Requirements (BSE)

Allied Health Foundations Minor Requirements

General Science Elementary Education Minor Requirements

Individually Designed Minor Requirements

Public Health Minor

Social Studies Elementary Education Minor Requirements

Intrauniversity Courses

Intrauniversity Courses

Intrauniversity courses are designed to prepare students, regardless of the college in which their major belongs, to develop oral and written communication skills, experience community service in a meaningful way, and expand overall career and academic development.

New Student Seminar

The New Student Seminar (INTRAUNV 104) is designed to help freshmen and transfers students make a successful transition to UW-Whitewater. First year students who take this course are more likely to return for their sophomore year and have a higher graduation rate than those who don't take the course.

The goals of this seminar are to help students:

CONNECT with UW-Whitewater

• Become familiar with student services that support your transition to the university.
• Explore personal, academic and career goals.
• Reflect on personal values and identity and recognize the diversity of our campus community.

ACHIEVE academic success

• Develop critical and creative thinking skills.
• Practice effective and appropriate communication skills.
• Examine the purposes of higher education and the value of a liberal education.

SUCCEED in a changing world

• Learn and apply strategies for personal success, academic success and lifelong learning.
• Understand your rights and responsibilities as a student and community member.
• Recognize the personal, social and environmental impact of your choices.
• Accounting (ACCOUNT) (p. 285)
• African American Studies (AFRIAMR) (p. 287)
• American Indian Studies (AIS) - Rock County (p. 288)
• American Indian Studies (AMERIND) (p. 288)
• American Sign Language (ASL) (p. 289)
• Anthropology (ANT) - Rock County (p. 289)
• Anthropology (ANTHROPL) (p. 291)
• Applied Music (MUAM) - Rock County (p. 293)
• Arabic (ARABIC) (p. 293)
• Art (ART) - Rock County (p. 294)
• Art History (ARTHIST) (p. 295)
• Art Studio (ARTSTUDIO) (p. 296)
• Arts & Communication Interdepartmental (ACINDP) (p. 300)
• Asian American Studies (ASIANAM) (p. 301)
• Asian Studies (ASIANSTD) (p. 301)
• Astronomy (AST) - Rock County (p. 303)
• Astronomy (ASTRONMY) (p. 304)
• Biological Sciences (BIOLOGY) (p. 306)
• Biology (BIO) - Rock County (p. 304)
• Business & Economics Interdepartmental (BEINDP) (p. 311)
• Business Administration (BUS) - Rock County (p. 310)
• Chemistry (CHE) - Rock County (p. 312)
• Chemistry (CHEM) (p. 314)
• Chicano Studies (CHICANO) (p. 316)
• Chinese (CHI) - Rock County (p. 316)
• Chinese (CHINESE) (p. 316)
• CI Business & Marketing Education (CIBME) (p. 317)
• Coaching (COACHING) (p. 317)
• Communication (COMM) (p. 319)
• Communications & Theatre Arts (CTA) - Rock County (p. 323)
• Communicative Disorders (COMDIS) (p. 324)
• Computer Science (COMPSCI) (p. 326)
• Computer Science (CPS) - Rock County (p. 329)
• Counselor Education (COUNSE) (p. 330)
• Criminal Justice (CRIMJUS) (p. 330)
• Curriculum & Instruction Field (CIFLD) (p. 331)
• Curriculum & Instruction General (CIGENRL) (p. 332)
• Dance (DANCE) (p. 334)
• Developmental Education (DEVPED) (p. 335)
• Early Childhood (EARLYCH) (p. 335)
• Economics (ECO) - Rock County (p. 336)
• Economics (ECON) (p. 337)
• Ed Foundations Practicum (EDFNPRC) (p. 340)
• Education (EDU) - Rock County (p. 341)
• Education Interdepartmental (EDUINDP) (p. 341)
• Educational Foundations (EDFOUND) (p. 345)
• Elementary/Middle (ELEMMD) (p. 346)
• Engineering (EGR) - Rock County (p. 347)
• English (ENG) - Rock County (p. 348)
• English (ENGLISH) (p. 352)
• English as a Second Language (ESL) (p. 357)
• Environmental Science (ENVSCI) (p. 358)
• Film (FILM) (p. 358)
• Finance and Business Law (FNBSLW) (p. 359)
• French (FRE) - Rock County (p. 362)
• French (FRENCH) (p. 363)
• Gender, Sex, & Women's Studies (GSW) - Rock County (p. 364)
• General Education (GENED) (p. 366)
• Geography (GEO) - Rock County (p. 370)
• Geography (GEOGPY) (p. 366)
• Geology (GEOLGY) (p. 371)
• Geology (GLG) - Rock County (p. 373)
• German (GER) - Rock County (p. 374)
• German (GERMAN) (p. 375)
• Health & Exercise Science (HES) - Rock County (p. 376)
• Health Education (HEALTHED) (p. 379)
• History (HIS) - Rock County (p. 381)
• History (HISTORY) (p. 384)
• Hmong (HMONG) (p. 389)
• Information Technology & Supply Chain Management (ITSCM) (p. 389)
• Integrated Science-Business (SCIBUS) (p. 392)
• Interdisciplinary Studies (INT) - Rock County (p. 393)
• International and Area Studies (INTRNAR) (p. 393)
• Intrauniversity (INTRAUNV) (p. 393)
• Italian (ITA) - Rock County (p. 394)
• Japanese (JAPANESE) (p. 394)
• Journalism (JOURNALSM) (p. 395)
• Latinx Studies (LATINX) (p. 397)
• Leadership Military Science & Aerospace (LDRSHP) (p. 397)
• Learning Resources (LEA) - Rock County (p. 399)
• Lecture Forum (LEC) - Rock County (p. 400)
• Letters & Sciences Interdepartmental (LSINDP) (p. 401)
• Liberal Studies (LIBST) (p. 401)
• Library Media (LIBMEDIA) (p. 402)
• Management (MANAGEMENT) (p. 403)
• Marketing (MARKETING) (p. 406)
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• Mathematics (MATH) (p. 411)
• Media Arts and Game Development (MAGD) (p. 416)
• Meteorology (MLG) - Rock County (p. 416)
• Miscellaneous (MISC) (p. 416)
• Music (MUS) - Rock County (p. 416)
• Music (MUSC) (p. 418)
• Music Education (MUSED) (p. 424)
• Occupational and Environmental Safety & Health (SAFETY) (p. 425)
• Peace and Justice Studies (PAX) (p. 427)
• Philosophy (PHI) - Rock County (p. 428)
• Philosophy (PHILSPHY) (p. 429)
• Physical Education Field (PEFIELD) (p. 431)
• Physical Education General (PEGNRL) (p. 431)
• Physical Education Professional (PEPROF) (p. 433)
ACCOUNTING (ACCOUNT)

Courses

ACCOUNT 244 INTRODUCTION TO FINANCIAL ACCOUNTING 3 Units
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 balance sheet), and discussions of specific accounting rules at an introductory level.
PREREQ: MATH 139 (OR MATH 142) AND A MINIMUM OF 15 CREDITS COMPLETED AND 2.50 COMBINED CUMULATIVE GPA FOR ACCOUNTING MAJORS; MATH 139 (OR MATH 142) AND A MINIMUM OF 24 CREDITS COMPLETED AND 2.50 COMBINED CUMULATIVE GPA FOR ALL OTHER.

ACCOUNT 249 INTRODUCTION TO MANAGERIAL ACCOUNTING 3 Units
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, LOWER LEVEL BUSINESS REQUIREMENTS, AND 2.50 GPA
UNREQ: ACCOUNT 249 AND ACCOUNT 342

ACCOUNT 250 INTRO TO ACCOUNTING THEORY & FOUNDATIONS 3 Units
This course provides foundational knowledge of the theories, concepts, and skills that drive financial accounting. Topics include the basis for financial accounting standards, the processes organizations use to generate and analyze financial statements, and controls over financial reporting and assets.
PREREQ: ACCOUNT 244; ACCOUNTING OR FINANCE MAJOR; 2.50 COMBINED CUMULATIVE GPA

ACCOUNT 293 ACCOUNTING AND BUSINESS EXPERIENCES Repeatable 1-3 Units
An opportunity to gain credit for hands-on experience in accounting-related work to develop a greater understanding of the overall business environment. Course requires a paid work experience of at least 100 hours; employer feedback and a written report are required.
PREREQ: DECLARED MAJOR IN ACCOUNTING, COMPLETION OF ACCOUNT 244, MINIMUM 2.5 GPA

ACCOUNT 296 SPECIAL STUDIES Repeatable 1-3 Units
Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the accounting major and a maximum of 6 credits in the degree.
PREREQ: ACCOUNTING MAJOR OR FINANCE MAJOR; 2.50 GPA; ACCOUNT 244

ACCOUNT 298 INDEPENDENT STUDIES, LOWER DIVISION Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: MATH 141 AND A 2.50 COMBINED CUMULATIVE GPA AND A MINIMUM OF 15 CREDITS FOR ACCOUNTING MAJORS OR 24 CREDITS COMPLETED FOR NON-ACCOUNTING MAJORS AND CONSENT OF THE INSTRUCTOR

ACCOUNT 315 INTERMEDIATE ACCOUNTING I 3 Units
This course focuses on accounting for assets (except investments) such as cash, receivables, inventories, plant assets, and intangible assets. This course also presents a detailed discussion of the standard-setting process, conceptual framework, accounting cycle, income statement, statement of financial position, and theoretical and practical aspects of the time-value of money in accounting.
PREREQ: ACCOUNT 250 AND A 2.5 COMBINED CUMULATIVE GPA

ACCOUNT 334 INTERMEDIATE ACCOUNTING II 3 Units
This course continues the coverage of financial accounting topics started in ACCOUNT 341, with an emphasis on liabilities, equity, 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 341 AND 2.60 ACCOUNTING MAJOR GPA

ACCOUNT 351 INDIVIDUAL TAXATION 3 Units
A study of federal income tax laws with emphasis on the individual taxpayer, particularly of employees and sole proprietors. The study includes a review of current proposals, discussion of practical problems in tax planning and practice in the preparation of tax returns.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341

ACCOUNT 352 BUSINESS TAXATION 3 Units
This course examines federal tax laws that are applicable to corporations and partnerships. In addition, students will explore ancillary tax topics that directly affect the evolving landscape of business taxation.
PREREQ: 2.5 COMBINED CUMULATIVE GPA COREQ: ACCOUNT 341
ACCOUNT 354  ACCOUNTING INFORMATION SYSTEMS  3 Units
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 the role of technology on financial reporting and internal control, system analysis and related issues in ethics.
PREREQ: 2.5 COMBINED CUMULATIVE GPA  COREQ: ACCOUNT 341

ACCOUNT 355  VITA - INCOME TAX E-FILING CLINIC  3 Units
This course provides students a hands on opportunity to prepare federal and state income tax returns that will be electronically filed.
PREREQ: 2.5 COMBINED CUMULATIVE GPA AND INSTRUCTOR CONSENT  COREQ: ACCOUNT 351 OR ACCOUNT 352

ACCOUNT 356  COST MANAGEMENT I  3 Units
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.
PREREQ: 2.5 COMBINED CUMULATIVE GPA  COREQ: ACCOUNT 341

ACCOUNT 357  SERVICE IN ACCOUNTING  3 Units
This course gives the student the opportunity to meet academic objectives through provision of community service. Students will work with community partners to meet real needs in the community by applying knowledge from their business courses. This course will also give students the opportunity to reflect on the value of these experiences from a community and interpersonal perspective.
PREREQ: 2.5 COMBINED CUMULATIVE GPA  COREQ: ACCOUNT 341

ACCOUNT 461  ADVANCED ACCOUNTING  3 Units
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: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA

ACCOUNT 463  ACCOUNTING FOR NONPROFIT ORGANIZATIONS  3 Units
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.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA

ACCOUNT 465  AUDITING  3 Units
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 343 AND 2.6 ACCOUNTING MAJOR GPA AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA

ACCOUNT 466  COST MANAGEMENT II  3 Units
The course emphasizes critical thinking in using accounting information to motivate employees, align employee incentives with the goals of the firm, and evaluate the performance of business unit and business unit managers. The course focuses on using accounting information for internal decision-making, managerial control, performance evaluation, and elements of incentive system design.
PREREQ: ACCOUNT 343, ACCOUNT 356 AND 2.6 ACCOUNTING MAJOR GPA AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.55 COMBINED CUMULATIVE GPA

ACCOUNT 467  FRAUD EXAMINATION  3 Units
This course covers the prevention and detection of fraud with an emphasis on investigation techniques. Course topics include fraud risk factors, internal control assessment and design, fraud scheme-specific red flags, evidence collection and analysis, and interviewing techniques.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA

ACCOUNT 480  ACCOUNTING ANALYTICS  3 Units
This course is intended to provide students with an understanding of data analytic thinking and terminology as well as hands-on experience with data analytics tools and techniques. Students should leave this course with the skills necessary to translate accounting and business problems into actionable proposals that they can competently present to managers and data scientists.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING MAJOR GPA AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA

ACCOUNT 490  WORKSHOP  Repeatable  2 Units
Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ACCOUNT 491  TRAVEL STUDY  Repeatable  3 Units
Variable topics. Faculty-led courses abroad.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ACCOUNT 493  INTERNSHIP IN ACCOUNTING  Repeatable  1-6 Units
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.
PREREQ: ACCOUNT 343 AND 2.6 ACCOUNTING GPA (ACCOUNTING COURSES IN THE MAJOR ONLY)

ACCOUNT 496  SPECIAL STUDIES  Repeatable  1-3 Units
Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the accounting major and a maximum of 6 credits in the degree.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
African American Studies (AFRIAMR)

Courses

AFRIAMR 100 INTRODUCTION TO BLACK CULTURE 3 Units
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 AMERICAN HISTORY 3 Units
A critical examination and analysis of the status and role of Black Americans in the United States since 1865.
UNREQ: AFRIAMR 141 AND HISTRY 141

AFRIAMR 241 CIVIL RIGHTS HISTORY: TRAVELING FREEDOM'S MAIN LINE 3 Units
Explores the origins, history, and legacies of the Black civil rights movement (c. 1950s - 1970s) at many of the sites where this history was made (includes multi-state travel). Learning through place promotes an experiential understanding of this freedom struggle and how it changed the people who made it and the nation.
PREREQ: SOPHOMORE STANDING
CROSS-LISTED: HISTRY 241 AND AFRIAMR 241

AFRIAMR 261 AFRICAN-AMERICAN POLITICS 3 Units
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.
CROSS-LISTED: POLSCI 261 AND AFRIAMR 261

AFRIAMR 270 THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE 3 Units
This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people.
CROSS-LISTED: AFRIAMR 270 AND SOCIOLOGY 270

AFRIAMR 321 A HISTORY OF BLACK MIGRATION IN THE U.S. 3 Units
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
CROSS-LISTED: AFRIAMR 321 AND HISTRY 321

AFRIAMR 345 AFRICAN-AMERICAN LITERATURE, 1800 TO THE PRESENT 3 Units
A survey of essays, prose, fiction, drama, and poetry written by African-Americans from the colonial period to the present.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: AFRIAMR 345 AND ENGLISH 345

AFRIAMR 365 BLACK POLITICAL AND SOCIAL THOUGHT 3 Units
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 217 OR POLISCI 217 OR POLISCI 250

AFRIAMR 397 CURRENT ISSUES IN BLACK STUDIES: HUMANITIES 3 Units
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 GOVERNMENT AND POLITICS OF AFRICA 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: AFRIAMR 461 AND POLISCI 461

AFRIAMR 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

AFRIAMR 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

AFRIAMR 494 SEMINAR Repeatable 3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques.

AFRIAMR 496 SPECIAL STUDIES Repeatable 2-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

AFRIAMR 498 INDEPENDENT STUDY Repeatable 2-3 Units
Study of a selected topic or topics under the direction of a faculty member.
American Indian Studies (AIS) - Rock County

Courses

AIS 101  AMERICAN INDIAN STUDIES  3 Units
An interdisciplinary intro to the history, culture, & sovereignty of American Indians through the disciplines of Anthropology, Business, Geo., History, Political Sci., & Soc.. The course focuses on Wisconsin Indians, meeting the requirements of Wisconsin Act.

AIS 227  MULTICULTURAL BUSINESS  3 Units
(AIS 227 & BUS 227 are the same course.) Examines business topics requiring an understanding of culture. Includes cultural diversity in the workplace & the experiences of minorities in business.

AIS 242  THE AMERICAN INDIAN IN LITERATURE AND FILM  3 Units
(AIS 242 & ENG 242 are the same course.) This course will provide a cross-disciplinary exploration of the images of American Indians & their relevance to American society in film, literary, & historical texts.

PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

AIS 260  AMERICAN INDIAN ART  3 Units
A Surv. of North American Indian art & its relationship to Native American cultures, past & present. Looks at pre-Columbian art, changes in art with European contact, & the most recent trends in Native American art. Philosophies of aesthetics & the relationship of art to material culture & worldview will be analyzed from the cross-cultural perspective of the Anthropology of art.

AIS 277  INDIANS IN AMERICAN HISTORY  3 Units
This course Surv.s U.S. history with emphasis on contact in the age of exploration, interactions over time between Europeans & Native Americans, & adaptations & conflicts that emerged. The course will approach this from social, political, & economic perspectives from the colonial period to the present. This Ethnic Studies (ES) course focuses on understanding the perspectives of Native Americans.

PREREQ: GENED 120 OR CONSENT OF INSTRUCTOR

AIS 302  ARCHAEOLOGY IN WISCONSIN  3 Units
(AIS 302 & ANT 302 are the same course.) Surv. of Wisconsin archaeology from the earliest occupation of the state through early European contact. Emphasis is on ecological & historical factors influencing development of prehistoric & historic aboriginal culture of Wisconsin.

PREREQ: PREVIOUS ANTHROPOLOGY COURSE OR CONSENT OF INSTRUCTOR

AIS 308  ARCHAEOLOGY OF NORTH AMERICA  3 Units
(AIS 308 & ANT 308 are the same course.) Exploring the various methodologies & lines of evidence used by archaeology to discover & interpret Pre-Columbian North American. Students will learn about the earliest inhabitants from the end of the last ice age through European contact. Along the way we will investigate how Native Americans adapted to the incredibly diverse Envs of the continent. These range from the whaling peoples of the Arctic, buffalo hunters of the Great Plains, to the farmers of the southwest & eastern North American.

PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

AIS 314  INDIANS OF NORTH AMERICA  3 Units
(AIS 314 & ANT 314 are the same course.) A Surv. of the cultures of various Indian nations north of Mexico; the impact in the past & the present of Euro-American culture on American Indian nations & their varied responses to it. Prereq: Not recommended for first-Sem. students.

PREREQ: THREE CREDITS OF ANTHROPOLOGY OR SOCIOLOGY OR PERMISSION OF INSTRUCTOR

AIS 353  INDIANS OF THE WESTERN GREAT LAKES  3 Units
(AIS 353 & ANT 353 are the same course.) Analysis of Indian cultures in the area around the West Great Lakes, with emphasis on traditional cultures of the Indians in Wisconsin.

PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

American Indian Studies (AMERIND)

Courses

AMERIND 102  INTRODUCTION TO AMERICAN INDIAN STUDIES  3 Units
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.

CROSS-LISTED: AMERIND 102 AND HISTRY 102

AMERIND 305  NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL  3 Units
This course explores contemporary writing and film by Native North Americans, focusing on how they 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: THREE CREDITS OF ANTHROPOLOGY OR SOCIOLOGY OR PERMISSION OF INSTRUCTOR

CROSS-LISTED: ANTHROPL 305 AND AMERIND 305

AMERIND 334  AMERICAN INDIAN LITERATURE  3 Units
This course explores contemporary writing and film by Native North American authors in relation to 1) ancient tribal traditions and languages; 2) the history of colonialism; 3) questions of cultural belonging and cultural appropriation; 4) the experiences of contemporary American Indians. Literary criticism and secondary sources introduce key issues in American Indian literary discourse and provide cultural and historical backgrounds.

PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR

CROSS-LISTED: AMERIND 334 ENGLISH 334

AMERIND 490  WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable a maximum of three times.

AMERIND 491  TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad

AMERIND 496  SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable three times for a maximum of 9 units.
AMERICAN 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable three times for a maximum of 9 credits.

**American Sign Language (ASL)**

Courses

ASL 141 BEGINNING AMERICAN SIGN LANGUAGE I 4 Units
This course focuses on the acquisition of American Sign Language (ASL) conversational skills. Students will learn conversational language and visual gestural strategies to promote ASL fluency. Grammatical principles and functions are emphasized, as well as appropriate cultural behaviors and conversational regulators in ASL. Students are also introduced to Deaf history and culture.

ASL 142 BEGINNING AMERICAN SIGN LANGUAGE II 4 Units
This course focuses on the acquisition of American Sign Language (ASL) conversational skills and builds on the foundation laid in ASL 141. Students will continue to learn conversational language and visual gestural strategies to promote ASL fluency. Grammatical principles and functions are emphasized, as well as appropriate cultural behaviors and conversational regulators; and Deaf history and culture are emphasized.

PREREQ: GRADE OF C OR BETTER IN ASL 141 OR CONSENT OF INSTRUCTOR

ASL 251 INTERMEDIATE AMERICAN SIGN LANGUAGE I 4 Units
This course focuses on the development of proficiency of American Sign Language (ASL) at the intermediate level. Students will learn conversational language and visual gestural strategies to develop further ASL fluency. Grammatical principles and functions are emphasized, as well as appropriate cultural behaviors and conversational regulators in ASL. Students continue developing their knowledge of Deaf history and culture.

PREREQ: C OR BETTER IN ASL 142 OR CONSENT OF INSTRUCTOR

ASL 296 SPECIAL STUDIES Repeatable 1-5 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable only with change of topic.

ASL 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

**Anthropology (ANT) - Rock County**

Courses

ANT 100 INTRODUCTION TO ANTHROPOLOGY 3 Units
A Surv. of the subfields of Anthropology, especially archaeology & physical & cultural Anthropology. The course explores human biological evolution & variation, cultural evolution, language, & culture change

ANT 102 DISCOVERING OUR PAST: AN INTRODUCTION TO ARCHAEOLOGY AND THE PREHISTORIC WORLD 3 Units
Intro to the prehistoric world from origins of human culture to the beginnings of written history as revealed by archaeological research at great sites & ruins around the globe. Archaeological analysis of famous prehistoric sites as case studies to illustrate concepts & techniques used by archaeologists in their efforts to underst& the rise, florescence, & demise of vanished societies.

PREREQ: GENED 130 OR SOPHOMORE STANDING

ANT 104 CULTURAL ANTHROPOLOGY 3 Units
Surv. of cultural Anthropology with emphasis on ethnographic description, methodology & contemporary theory. Cross-cultural comparisons of societies & institutions. Course includes both humanistic & social scientific approaches to human sociocultural diversity

ANT 105 INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY 3-5 Units
A study of evolutionary theory, the place of humans in the primate order, the fossil evidence for human evolution & interpretation of that evidence, the biological & genetic basis of human variation, & possible other topics of human Bio..

ANT 150 FOOD, CULTURE, AND IDENTITY 3 Units
Food is the very core of life & one of the most culturally prescribed areas of human experience. This course will study the role of food in human history, & the biocultural construction of what is classified as food. We will examine the meaning of food across cultures with particular attention to how cultural & ethnic (e.g. Asian American, Native American) identities are associated with particular types of food. Rituals, religions & family celebrations, & secular holidays all include the deliberate preparation, serving & sharing of food (or abstinence from food). We will explore food consumption & health, the gendered dimension of food, & the social hierarchies & power relations associated with the commodification of food. Class Proj.s are designed to connect the student to various community & ethnic groups through the study of farmer's markets, food banks, stores & restaurants. We will think about food in new & provocative ways & in the process practically apply theoretical concepts.

ANT 204 CULTURES OF THE WORLD 3 Units
Ethnographic Surv. of the world's peoples' & their cultures. Major regions of the world considered in an attempt to outline the variety, richness, significance, & persistence of cultural traditions. Not recommended for first-Sem. students.

ANT 220 FOOD AND NUTRITION IN A GLOBAL SOCIETY 3 Units
This course will study the relationships between agricultural practices, food distribution & consumption, Nut., & socio-cultural dietary practices within a global perspective. Emphasis is on the complex issues related to the changing diet & health of populations within an era of globalization & international food markets. Utilizing case studies special attention will be given to how societies are redefining their foodscapes & identifying strategies for addressing issues of food sustainability.

PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 250 WOMEN IN CROSS-CULTURAL PERSPECTIVES 3 Units
(ANT 250 & GSW 250 are the same course.) Study of women in a variety of cultures around the world, both past & present. Includes consideration of the sexual division of labor, marriage systems, child rearing, relationships between men & women, systems of myth & ideology concerning women's roles, & the effects of socio-economic development & rapid social change.

PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

ANT 260 AMERICAN INDIAN ART 3 Units
A Surv. of North American Indian art & its relationship to Native American cultures, past & present. Looks at pre-Columbian art, changes in art with European contact, & the most recent trends in Native American art. Philosophies of aesthetics & the relationship of art to material culture & world view will be analyzed from the cross-cultural perspective of the Anthroplogy of art.

PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS
### ANT 291 SELECTED TOPICS IN ANTHROPOLOGY  Repeatable  1-3 Units
A specific topic in an instructor's area of special competence. When offered, the particular topic is indicated in the campus timetable.  
**PREREQ:** PREVIOUS ANTHROPOLOGY COURSE OR CONSENT OF INSTRUCTOR

### ANT 293 PROSEMINAR IN ANTHROPOLOGY  1-4 Units

### ANT 294 PRACTICE IN APPLIED ANTHROPOLOGY  Repeatable  1-3 Units
Supervised practical experience in an organization or activity appropriate to a student's career & educational interests. Internships are supervised by faculty members & require periodic student/faculty meetings.  
**PREREQ:** PREVIOUS ANTHROPOLOGY COURSE AND CONSENT OF INSTRUCTOR

### ANT 299 INDEPENDENT READING AND RESEARCH  Repeatable  1-3 Units
Indp. reading & research in Anthroplgy.  
**PREREQ:** CONSENT OF INSTRUCTOR

### ANT 302 ARCHAEOLOGY IN WISCONSIN  3 Units
(AIS 302 & ANT 302 are the same course.) Surv. of Native American cultures from the earliest occupation of the state through early European contact. Emphasis is on material culture, ecological, & historical factors influencing the development Native cultures. Along the way, students will learn about mounds, monuments, & the legacy of Wisconsin's Native peoples.  
**PREREQ:** PREVIOUS ANTHROPOLOGY COURSE OR CONSENT OF INSTRUCTOR

### ANT 303 THE HUMAN SKELETON  3 Units
Individual bones & teeth, possibly including ancient as well as modern specimens; sex & age differences; continuous & discontinuous morphological variation of geographically & ethnically diverse populations; stature reconstruction; forensic aspects of individual identification; lab training in observations, measurement, & analysis; lecture & lab.  
**PREREQ:** CONSENT OF INSTRUCTOR

### ANT 304 (U) CULTURES OF THE WORLD  3 Units
Ethnographic Surv. of the world's peoples & their cultures. Major regions of the world considered in an attempt to outline the variety, richness, significance & persistence of cultural traditions.  
**PREREQ:** JUNIOR STANDING OR CONSENT OF INSTRUCTOR

### ANT 308 ARCHAEOLOGY OF NORTH AMERICA  3 Units
AIS 308 & ANT 308 are the same course. Exploring the various methodologies & lines of evidence used by archaeology to discover & interpret Pre-Columbian North American. Students will learn about the earliest inhabitants from the end of the last ice age through European contact. Along the way we will investigate how Native Americans adapted to the incredibly diverse Env.s of the continent. These range from the whaling peoples of the Arctic, buffalo hunters of the Great Plains, to the farmers of the southwest & eastern North American.  
**PREREQ:** NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

### ANT 314 INDIANS OF NORTH AMERICA  3 Units
(AIS 314 & ANT 314 are the same course.) A Surv. of diverse & complex American Indian cultures & Peoples in North America. Exploring the impact of the past & the influences of Euro-American culture on Native Nations & Peoples with an emphasis on the varied Native responses to culture contact  
**PREREQ:** NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

### ANT 325 PEOPLES AND CULTURES: FOCUSED EXPLORATIONS  3 Units
Ethnographic Surv. of the peoples & cultures of a specified geographic region or culture area. Explores the diversity of societies in the region, as well as persistence & change in cultural traditions. Emphasis may include the role of Env. & prehistoric & historic events; social organization, kinship, belief systems, law, Eco., & language. The selected area reflects the instructor's area of special competence. When offered, the selected area is indicated in the campus timetable. Course may be repeated for credit if selected area is different.  
**PREREQ:** NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

### ANT 348 CULTURE, COMMERCE, AND COMMUNITY: THE ANTHROPOLOGY OF ECONOMIES  3 Units
Economic Anthroplgy course explores human engagement in systems of production, distribution, & consumption of goods. This course Surv.s the ways in which economic activities are enmeshed in local cultural rituals & obligations & form the basis of global economic exchanges. Students will examine a variety of past & contemporary economies at the local (subcultures including minority groups within the U.S.) as well as global level.  
**PREREQ:** NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

### ANT 350 ILLNESS AND HEALING IN ANTHROPOLOGICAL PERSPECTIVE  3 Units
An Intro to the application of Anthroplgy to the underst&ing & exploration of humans as simultaneously biological, social, & symbolic beings. This will include a critical reflection on the ways that people & populations live, suffer, sicken, & die. Diverse healing & medical systems, including West biomedicine, other scholastic medical traditions (e.g., traditional Chinese medicine) & folk medical systems such as shamanism will be explored. The emphasis will be on how cultural & evolutionary approaches to medicine are used to examine illness, disease, & healing in diverse ethnic groups from the beginning of humankind to the present. The course will also examine how principles of medical Anthropology are being used in training nurses & doctor in the U.S.A.  
**PREREQ:** NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

### ANT 353 INDIANS OF THE WESTERN GREAT LAKES  3 Units
(AIS 353 & ANT 353 are the same course.) Analysis of Indian cultures in the area around the West Great Lakes, with emphasis on traditional cultures of the Indians in Wisconsin.  
**PREREQ:** NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS
ANT 370   ARCHAEOLOGY FIELD SCHOOL   1-6 Units
Practical application of the basic skills used in the excavation of archaeological sites, including Surviving techniques, methods of excavation, compilation of field data, & Lab analysis through participation in an actual archaeological field Proj. The site(s) excavated & their location vary by year & campus. Usually offered summers. Limited enrollment. Generally, one credit is given for each 40 hours of fieldwork. Additional fees may be required for transportation, food, lodging & equipment. Prereq: Previous Anthropology course & consent of instructor; ANT 102 highly recommended.
PREREQ: PREVIOUS ANTHROPOLOGY COURSE AND CONSENT OF INSTRUCTOR

Anthropology (ANTHROPL)

Courses
ANTHROPL 218   CULTURAL ANTHROPOLOGY   3 Units
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   3 Units
This course introduces students to the basic work of archaeology. It aims to dispel popular myths about the field perpetuated by 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 OR SOPHOMORE STANDING

ANTHROPL 225   HUMAN EVOLUTION: INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY   3 Units
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 Units
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 ANTHROPL CROSS-LISTED: ANTHROPL 302 AND SOCIOLOGY 302

ANTHROPL 305   NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL   3 Units
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: THREE CREDITS OF ANTHROPOLOGY OR SOCIOLOGY OR PERMISSION OF INSTRUCTOR
CROSS-LISTED: ANTHROPL 305 AND AMERIND 305

ANTHROPL 316   PHARMACEUTICALS, CULTURE, AND SOCIETY   3 Units
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 Units
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
CROSS-LISTED: CRIMJUS 325 AND ANTHROPL 325

ANTHROPL 325   FORENSIC DOCUMENTATION   3 Units
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 STANDING
CROSS-LISTED: CRIMJUS 325 AND ANTHROPL 325

ANTHROPL 334   GENDER AND SEXUALITY IN CROSS CULTURAL PERSPECTIVE   3 Units
Anthropological approaches to the cross-cultural study of gender relations and sexuality with emphasis on societies of the non-Western world. Topics vary.
PREREQ: GENED 130 OR GENED 140 OR SOPHOMORE STANDING
CROSS-LISTED: ANTHROPL 334 AND WOMENST 334

ANTHROPL 350   CONTEMPORARY JAPANESE SOCIETY   3 Units
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.
PREREQ: GENED 130 AND GENED 140 OR GENED 120
CROSS-LISTED: ASIANSTD 350 AND ANTHROPL 350

ANTHROPL 352   URBAN SOCIETY   3 Units
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 OR 3 UNITS OF ANTHROPOLOGY
CROSS-LISTED: SOCIOLOGY 352 AND ANTHROPL 352
ANTHROPL 365 MAYAS, AZTECS AND INCAS: PRECOLUMBIAN CIVILIZATIONS 3 Units
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 STATUS

ANTHROPL 367 ORIGINS OF GENDER 3 Units
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
CROSS-LISTED: ANTHROPL 367 AND WOMENST 367

ANTHROPL 420 ANTHROPOLOGICAL THEORY 3 Units
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 UNITS OF ANTHROPOLOGY OR 6 UNITS OF SOCIOLOGY
UNREQ: ANTHRO/SOCIOL 420,SOCIOLGY 473

ANTHROPL 425 ADVANCED FORENSIC ANTHROPOLOGY: BIOARCHAEOLOGY, TRAUMA & PATHOLOGY 3 Units
The course is a practicum in forensic anthropology. Student 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. They will produce a forensic report and present it in a mock court situation.
PREREQ: CRIMJUS 325
CROSS-LISTED: CRIMJUS 425 AND ANTHROPL 425

ANTHROPL 482 SUPERVISED TEACHING AIDE Repeatable 2 Units
This course provides selected undergraduates with teaching experience in a college classroom. Students learn from a teaching aide experience in which the student assists an instructor in preparing, delivering, and overseeing lab, review or discussion sessions or by tutoring students. The student will attend the class sessions for a second time, meet weekly with the instructor, and is under the direct supervision of a faculty mentor.
PREREQ: JUNIOR STANDING, CONSENT OF INSTRUCTOR, AND GRADE OF B OR HIGHER IN ASSIGNED COURSE
CROSS-LISTED: ANTHROPL 482 AND SOCIOLOGY 482

ANTHROPL 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad

ANTHROPL 492 FIELD STUDY Repeatable 1-6 Units
Variable Topics

ANTHROPL 493 INTERNSHIP IN ANTHROPOLOGY Repeatable 1-12 Units
Supervised internship.
PREREQ: 6 CREDITS OF ANTHROPOLOGY AND DEPARTMENT CONSENT
Applied Music (MUA) - Rock County

Courses

MUA 005 INTERMEDIATE PIANO 1-2 Units
MUA 006 INTERMEDIATE PIANO 1-2 Units
MUA 007 BEGINNING VOICE 1-2 Units
MUA 008 BEGINNING VOICE 1-2 Units
MUA 009 INTERMEDIATE VOICE 2 Units
MUA 010 INTERMEDIATE VOICE 1-2 Units
MUA 011 BEGINNING GUITAR 1-2 Units
MUA 012 BEGINNING GUITAR 1-2 Units
MUA 013 INTERMEDIATE GUITAR 1-2 Units
MUA 014 INTERMEDIATE GUITAR 1-2 Units
MUA 015 BEGINNING FLUTE 1-2 Units
MUA 016 INTERMEDIATE FLUTE 1-2 Units
MUA 017 INTERMEDIATE FLUTE 1-2 Units
MUA 018 BEGINNING OBOE 1-2 Units
MUA 019 INTERMEDIATE OBOE 1-2 Units
MUA 020 INTERMEDIATE OBOE 1-2 Units
MUA 021 BEGINNING CLARINET 1-2 Units
MUA 022 INTERMEDIATE CLARINET 1-2 Units
MUA 023 INTERMEDIATE CLARINET 1-2 Units
MUA 024 BEGINNING SAXOPHONE 1-2 Units
MUA 025 INTERMEDIATE SAXOPHONE 1-2 Units
MUA 026 INTERMEDIATE SAXOPHONE 1-2 Units
MUA 027 BEGINNING BASSOON 1-2 Units
MUA 028 INTERMEDIATE BASSOON 1-2 Units
MUA 029 INTERMEDIATE BASSOON 1-2 Units
MUA 030 BEGINNING HORN 1-2 Units
MUA 031 INTERMEDIATE HORN 1-2 Units
MUA 032 INTERMEDIATE HORN 1-2 Units
MUA 033 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 034 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 035 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 036 BEGINNING TROMBONE 1-2 Units
MUA 037 INTERMEDIATE TROMBONE 1-2 Units
MUA 038 INTERMEDIATE TROMBONE 1-2 Units
MUA 039 BEGINNING BARITONE 1-2 Units
MUA 040 INTERMEDIATE BARITONE 1-2 Units
MUA 041 INTERMEDIATE BARITONE 1-2 Units
MUA 042 BEGINNING TUBA 1-2 Units
MUA 043 INTERMEDIATE TUBA 1-2 Units
MUA 044 INTERMEDIATE TUBA 1-2 Units
MUA 045 BEGINNING PERCUSSION 1-2 Units
MUA 046 INTERMEDIATE PERCUSSION 1-2 Units
MUA 047 INTERMEDIATE PERCUSSION 1-2 Units
MUA 048 BEGINNING VIOLIN 1-2 Units
MUA 049 INTERMEDIATE VIOLIN 1-2 Units
MUA 050 INTERMEDIATE VIOLIN 1-2 Units

MUA 094 INTERMEDIATE ORGAN 1-2 Units
MUA 070 BEGINNING ORGAN 1-2 Units
MUA 069 BEGINNING ORGAN 1-2 Units
MUA 068 INTERMEDIATE HARPSICHORD 1-2 Units
MUA 062 INTERMEDIATE HARP 1-2 Units
MUA 055 INTERMEDIATE CELLO 1-2 Units
MUA 053 INTERMEDIATE VIOLA 1-2 Units
MUA 052 INTERMEDIATE VIOLA 1-2 Units
MUA 051 BEGINNING VIOLA 1-2 Units
MUA 049 INTERMEDIATE VIOLIN 1-2 Units
MUA 048 BEGINNING VIOLIN 1-2 Units
MUA 047 INTERMEDIATE PERCUSSION 1-2 Units
MUA 046 INTERMEDIATE PERCUSSION 1-2 Units
MUA 045 BEGINNING PERCUSSION 1-2 Units
MUA 044 INTERMEDIATE TUBA 1-2 Units
MUA 043 INTERMEDIATE TUBA 1-2 Units
MUA 042 BEGINNING TUBA 1-2 Units
MUA 041 INTERMEDIATE TUBA 1-2 Units
MUA 040 INTERMEDIATE TUBA 1-2 Units
MUA 039 BEGINNING TUBA 1-2 Units
MUA 038 INTERMEDIATE TROMBONE 1-2 Units
MUA 037 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 036 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 035 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 034 INTERMEDIATE TRUMPET/CORNET 1-2 Units
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MUA 019 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 018 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 017 BEGINNING TRUMPET/CORNET 1-2 Units
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MUA 015 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 014 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 013 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 012 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 011 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 010 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 009 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 008 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 007 BEGINNING TRUMPET/CORNET 1-2 Units
MUA 006 INTERMEDIATE TRUMPET/CORNET 1-2 Units
MUA 005 BEGINNING TRUMPET/CORNET 1-2 Units

MUA 305 THIRD YEAR PIANO 1-2 Units
MUA 306 THIRD YEAR PIANO 1-2 Units

Arabic (ARABIC)

Courses

ARABIC 141 BEGINNING ARABIC I 4 Units
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 4 Units
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 4 Units
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 4 Units
This fourth semester Arabic course will continue to enhance the Arabic linguistic skills and the knowledge of cultures of Arabic-speaking peoples begin in Intermediate Arabic I.
PREREQ: ARABIC 251

ARABIC 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.

ARABIC 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

ARABIC 493 INTERNSHIP IN ARABIC Repeatable 1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.

ARABIC 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

ARABIC 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

ARABIC 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. Repeatable.

ARABIC 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.
Art (ART) - Rock County

Courses

ART 100  BASIC ART EXPERIENCES  3 Units
Fundamental principles of two- & three-dimensional design; Proj.s for the non-Art major or Education major. By learning two-dimensional & three-dimensional techniques & tool handling, students will be introduced to elementary experiences with basic art concepts, history, appreciation & materials. 
PREREQ: NOT RECOMMENDED FOR STUDENTS PLANNING TO MAJOR IN ART. EDUCATION MAJORS WILL DEVELOP COMPETENCIES IN TEACHING METHODS USED IN ELEMENTARY EDUCATION COURSES AS PRESCRIBED BY STATE STANDARDS OF ART EDUCATION.

ART 101  INTRODUCTION TO DRAWING  3 Units
Principles of creative & structural drawing; a foundation course that explores a variety of ideas, techniques, & materials with a perceptual focus; drawing as a fine art & a basis for structure. An investigation of methods & materials. Lecture-lab.
PREREQ: ART 101

ART 102  INTERMEDIATE DRAWING  3 Units
Principles of creative & structural drawing; a second Sem. foundation course that explores a variety of ideas, techniques, & materials with a perceptual focus; drawing as a fine art & a basis for structure. Studio work in drawing with a variety of materials, techniques, & ideas. An investigation of methods, materials, & mixed media possibilities. An Intro to figure drawing. The class is conceptually based with an involvement & emphasis on structure, ideas & process. Lecture-lab.
PREREQ: ART 101

ART 103  DRAWING II  3 Units
Advanced drawing problems of expression & form. Emphasis on both skill & creative expression. Lecture-lab.
PREREQ: ART 102

ART 111  TWO-DIMENSIONAL DESIGN  3 Units
Investigation of the basic principles & concepts of two-dimensional design; arrangement of line, value, texture, & color theory, possible computer exercises. Lecture-lab.

ART 112  THREE-DIMENSIONAL DESIGN  3 Units
Investigation of the basic elements & principles of three-dimensional design in the use of volume & spatial arrangement. Lecture-lab.

ART 121  INTRODUCTION TO PAINTING  3 Units
Basic experience in various media - may include oil, watercolor, acrylic media, a Sur.v. of studio methods. Lecture-lab.

ART 122  WATER-BASED MEDIA  3 Units
Exploration of aqueous media aspects of traditional & contemporary procedures. Lecture-lab.

ART 125  OIL PAINTING  3 Units
Exploration of oil media; aspects of traditional & contemporary procedures. Lecture-lab.
PREREQ: ART 121 OR CONS. INST

ART 131  INTRODUCTION TO SCULPTURE  3 Units
Basic experience in three-dimensional media. A Sur.v. of materials & procedures used in sculptural processes. Lecture-lab

ART 141  INTRODUCTION TO PRINTMAKING  3 Units
Exploration of the graphic media. May include relief, intaglio, serigraphy, lithography. Lecture-lab

ART 154  INTRODUCTION TO CERAMICS  3 Units
Exploration of materials & processes; h& & wheel forming; glazing, firing, & kiln Mgmt.. Lecture-lab.

ART 161  INTRODUCTION TO PHOTOGRAPHY  3 Units
Intro to photography, which includes building technical abilities, vocabulary & an underst&ing of the principles & history of traditional/contemporary B&W photography as an expressive art form. May include working in the darkroom &/or working with digital imaging programs & alternative photo processes. Lecture-Lab.

ART 175  WORLDS OF ART IMAGES/OBJECTS/IDEAS  3 Units
An Intro to the visual arts, intended for the non-art major, which emphasizes cross-cultural perspectives - specifically the impact race & ethnicity have on artistic production, art criticism, art philosophies & aesthetics among the four major ethnic groups in the U.S. - African American, Native American, Asian American, & Hispanic/Latino American. Field trips may be required.

ART 180  ARTIST AND THE VISUAL ARTS  3 Units
Cultural history as it is discerned through the investigation of the artist & the work of art. Lecture.

ART 181  SURVEY: ANCIENT AND MEDIEVAL ART  3 Units
Art & architecture from the Old Stone Age to the Gothic era. Field trip. Lecture

ART 183  SURVEY: RENAISSANCE - MODERN ART  3 Units
Architecture, sculpture, painting, & decorative arts from the Late Middle Ages to the modern era. Field trip. Lecture.

ART 185  ITALIAN RENAISSANCE ART  3 Units
An overview of Italian painting, sculpture, architecture & related arts from the 14th through the 16th centuries. Field Trip. Lecture.

ART 187  SURVEY: MODERN ART  3 Units
Painting, sculpture, printmaking, & drawing of the modern era. Field trip

ART 188  SURVEY: MODERN ARCHITECTURE AND DESIGN  3 Units
Architecture, l&scape architecture, city planning, interior & industrial design of the modern era. Field trip.

ART 201  INTRODUCTION TO LIFE DRAWING  3 Units
Anatomi&l & Comp.al considerations related to drawing from the human figure. Lecture-lab

ART 202  INTERMEDIATE LIFE DRAWING  3 Units
Advanced study of anatomical & Comp.al considerations related to drawing from the human figure. Lecture-lab.
PREREQ: ART 201

ART 211  TWO-DIMENSIONAL DESIGN II  3 Units
A continuation of the study of elements & principles of two dimensional design as a foundation for all the visual arts. Through experimentation & problem solving, the student will develop a working knowledge of the function of color: line, tone, form & texture in the creation of two dimensional Comp.s. Lab-Lecture.
PREREQ: ART 111

ART 212  THREE-DIMENSIONAL DESIGN II  3 Units
A continuation of the three-dimensional course of study. The course is comprised of three-dimensional visual experiences & the application of design principles to space, form & materials. Within the course, students receive instruction in the proper & safe use of simple h& tools & power equipment.
PREREQ: ART 112
ART 216 DIGITAL IMAGING AND DESIGN 3 Units
Intro to the basic skills & vocabulary of digital technology, with an exploration of popular graphics software & hardware. Integration of digital imagery with more traditional media. Areas of study geared towards specific student interests, with an emphasis on the development of a portfolio for transfer. AP, Special Course Fee $135 for Materials/Field Trip
PREREQ: ART 101 OR ART 111 OR ART 141 OR ART 161 OR CONSENT OF INSTRUCTOR

ART 222 INTERMEDIATE WATER-BASED MEDIA 3 Units
Exploration of aqueous media; aspects of traditional & contemporary procedures. Lecture-lab.
PREREQ: ART 122

ART 225 INTERMEDIATE OIL PAINTING 3 Units
Continuation of ART 125 with emphasis upon individual development. Lecture lab.
PREREQ: ART 125

ART 231 INTERMEDIATE SCULPTURE 3 Units
Second year level course with emphasis upon technical problems related to individual Proj.s. Lecture-lab.
PREREQ: ART 131

ART 232 SCULPTURE II 3 Units
Advanced work in sculptural expression; traditional & contemporary methods of production. Lecture-lab.
PREREQ: ART 231

ART 235 GLASS FORM AND DESIGN 3 Units
Exploration of volume & spatial arrangements with an emphasis on glass. May include glassblowing, kiln formed glass & cold worked glass. Material fee is required.
PREREQ: ART 112 OR CONS. INST

ART 236 INTERMEDIATE GLASS FORM AND DESIGN 3 Units
Continuation of ART 235. Further development of skills related to glass working with an emphasis upon personal Proj.s. Material fee is required.
PREREQ: ART 235

ART 241 LITHOGRAPHY 3 Units
Plano graphic printing; use of stone & metal plates, with exploration of various offset media. Lecture-lab.
PREREQ: ART 141 RECOMENDED

ART 243 INTAGLIO 3 Units
Incised printing; engraving, etching & other processes used with the intaglio press. Lecture-lab.
PREREQ: ART 141 RECOMENDED

ART 245 SERIGRAPHY 3 Units
Methods & techniques. May include problems in color registration photo processes; other stencil applications. Lecture-lab.
PREREQ: ART 141 RECOMENDED

ART 247 RELIEF PAINTING 3 Units
Woodcut & line cut processes; a Surv. of problems related to color registration & production. Lecture-lab.
PREREQ: ART 141 RECOMENDED

ART 254 INTERMEDIATE CERAMICS 3 Units
Continuation of ART 154. Further development of craftsmanship with emphasis upon individual Proj.s. Lecture-lab.
PREREQ: ART 141 RECOMENDED

ART 255 CERAMICS II 3 Units
Advanced work in ceramic processes. May include construction & use of molds, slip casting; production technology. Lecture-lab.
PREREQ: ART 254

ART 260 AMERICAN INDIAN ART 3 Units
A Surv. of North American Indian art & its relationship to Native American cultures, past & present. Looks at pre-Columbian art, changes in art with European contact, & the most recent trends in Native American art. Philosophies of aesthetics & the relationship of art to material culture & worldview will be analyzed from the cross-cultural perspective of the Anthroplogy of art.

ART 261 INTERMEDIATE PHOTOGRAPHY 3 Units
A continuation of ART 161 with emphasis on working with color & expanding photographic skills. Study geared toward specific student interests & the development of a portfolio for transfer. Lecture-Lab.
PREREQ: ART 161

ART 290 WOMEN IN THE ARTS 3 Units
(Women in the Arts is an interdisciplinary exploration of women as artists. The course will explore underlying ideologies that influence understanding of & access to the artistic production of women & artists of color. Theories & experiences of gender, race, ethnicity, sexual orientation, age & class as they are articulated in the contemporary art world will be examined.

ART 291 SPECIAL TOPICS Repeatable 1-4 Units
Prereq: Cons. instr; also Department Chair approval.

ART 299 INDEPENDENT STUDY Repeatable 1-3 Units
Prereq: Cons. instr; also Department Chair approval.

Art History (ARTHIST)

Courses

ARTHIST 111 ART APPRECIATION 2 Units
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 ART - ANCIENT TO 1400CE 3 Units
Through illustrated lecture, students investigate major works of art in painting, sculpture, architecture, and related arts from prehistoric times through the 1400CE. Emphasis on the relationship between art and culture.

ARTHIST 202 SURVEY OF ART - 1400 TO 1900CE 3 Units
Through illustrated lecture, students investigate major works of art in painting, sculpture, architecture, and related arts from 1400 to 1900CE. Students develop skills in artistic analysis and an understanding of the discipline of art history.

ARTHIST 203 INTRODUCTION TO MODERN AND CONTEMPORARY ART 3 Units
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. Western and non-Western art will be considered.

ARTHIST 291 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.
ARTHIST 311 GREEK AND ROMAN ART 3 Units
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 202 OR 203

ARTHIST 312 MEDIEVAL ART 3 Units
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 202 OR 203

ARTHIST 313 ITALIAN RENAISSANCE ART 3 Units
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 202 OR 203

ARTHIST 314 NORTHERN RENAISSANCE ART 3 Units
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 202 OR 203

ARTHIST 315 BAROQUE ART 3 Units
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 202 OR 203

ARTHIST 316 ART OF THE 19TH CENTURY 3 Units
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.
PREREQ: ARTHIST 201 OR 202 OR 203

ARTHIST 317 MODERN ARCHITECTURE 3 Units
This course explores the tensions between historicism and modernism in domestic, commerical 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 202 OR 203

ARTHIST 318 MODERN ART 3 Units
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 202 OR 203

ARTHIST 319 CONTEMPORARY ART 3 Units
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 202 OR 203

ARTHIST 320 GRAPHIC DESIGN HISTORY 3 Units
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 Units
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 SENIOR STANDING

ARTHIST 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

ARTHIST 494 UNDERGRADUATE SEMINAR Repeatable 3 Units
A course emphasizing art historical methodology and writing. Topic and prerequisites will vary each time course is offered. Satisfies writing requirement for Art and Art History majors. Repeatable

ARTHIST 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

ARTHIST 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. Repeatable

ARTHIST 498 INDEPENDENT STUDY Repeatable 1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.

ARTHIST 498R INDEPENDENT STUDIES - UNDERGRADUATE RESEARCH Repeatable 1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of six credits in major/degree.

Art Studio (ARTSTDIO)
Courses

ARTSTDIO 102 2-DIMENSIONAL DESIGN 3 Units
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 place on the development of problem solving skills and ideation.

ARTSTDIO 103 3-DIMENSIONAL DESIGN 3 Units
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.

ARTSTDIO 121 BASIC ART 3 Units
An introductory studio course for non-art majors and minors covering the basic concepts and materials of major visual arts.

ARTSTDIO 180 INTRODUCTION TO ADVERTISING DESIGN 3 Units
An introductory course for non-art majors covering the principles, materials, procedures and applications of advertising design. A student may not register for ARTSTDIO 180 if previously or currently enrolled in any ARTSTDIO 300-level course or above, unless departmental approval is obtained.
PREREQ: RESTRICTED TO NON-ART MAJORS
ARTSTDIO 201  DRAWING I  3 Units
An introduction to the basic concepts in drawing. This course provides a systematic exploration of the drawing methods with emphasis on traditional approaches to line, form, composition, perspective & chiaroscuro

ARTSTDIO 202  DRAWING II  3 Units
This course develops concepts & skills introduced in Drawing I. Color, alternative materials & variable formats will be explored in problem-solving format. Emphasis placed on strengthening content & design relationships. 2-D design experience recommended.
PREREQ: ARTSTDIO 201

ARTSTDIO 213  INTRODUCTION TO DIGITAL PHOTOGRAPHY  3 Units
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.

ARTSTDIO 230  PRINTMAKING: INTRODUCTORY SURVEY  3 Units
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.

ARTSTDIO 251  CERAMICS I  3 Units
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.

ARTSTDIO 271  METAL AND JEWELRY I  3 Units
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.

ARTSTDIO 287  COMPUTER GRAPHICS FOR THE ARTIST  3 Units
Creation of computer generated artwork on the Amiga and MacIntosh systems with an emphasis on photo based digital imaging techniques. Lecture content includes discussions, readings and visual presentations on contemporary usage of electronically generated art and design.
PREREQ: ARTSTDIO 102

ARTSTDIO 303  DRAWING III: THE FIGURE  3 Units
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: ARTSTDIO 202

ARTSTDIO 311  PHOTOGRAPHY: EXPRESSION AND EXPERIMENTATION  3 Units
Lectures, demonstrations, and darkroom work sessions constitute a basic introduction to photographic tools, techniques, and expression. Media: black and white prints.

ARTSTDIO 313  INTERMEDIATE DIGITAL PHOTOGRAPHY  3 Units
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: ARTSTDIO 213 AND MAGD 220 OR ARTSTDIO 287

ARTSTDIO 321  PAINTING I  3 Units
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: ARTSTDIO 102 AND ARTSTDIO 201 OR ARTSTDIO 202 OR CONSENT OF INSTRUCTOR

ARTSTDIO 324  WATERCOLOR  3 Units
A studio course where exercises and experimentation with transparent watercolor pigments and techniques will be combined with art principles to form aesthetic creations in watercolor.
PREREQ: 6 CREDITS FROM ARTSTDIO 102, ARTSTDIO 201, ARTSTDIO 202 OR CONSENT OF INSTRUCTOR

ARTSTDIO 331  INTAGLIO PRINTMAKING  3 Units
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. Fulfills printmaking requirement.
PREREQ: ARTSTDIO 230, ARTSTDIO 102 AND ARTSTDIO 201 OR CONSENT OF INSTRUCTOR

ARTSTDIO 332  RELIEF PRINTMAKING  3 Units
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. Fulfills printmaking requirement.
PREREQ: ARTSTDIO 230, ARTSTDIO 102 AND ARTSTDIO 201 OR CONSENT OF INSTRUCTOR

ARTSTDIO 333  SCREENPRINTING  3 Units
The course presents the basic materials and methods of screenprinting techniques, including ink mixing, stencil developing, image making, and editioning. This course fulfills the basic printmaking requirement.
PREREQ: ARTSTDIO 230, ARTSTDIO 102 AND ARTSTDIO 201 OR CONSENT OF INSTRUCTOR

ARTSTDIO 341  SCULPTURE I  3 Units
An introduction to the disciplines associated with the techniques, media and aesthetics of sculpture.
PREREQ: ARTSTDIO 103

ARTSTDIO 342  SCULPTURE II  3 Units
A continuation of 110-341 with emphasis on individual direction. The intent is to develop a deeper meaning of art and art processes.
PREREQ: ARTSTDIO 341

ARTSTDIO 343  SCULPTURE III  3 Units
Arranged for the student as indicated by the student’s own interest and abilities. The student is encouraged to work toward a high degree of competency and enlightenment.
PREREQ: ARTSTDIO 342

ARTSTDIO 352  CERAMICS II  3 Units
A continuation of ARTSTDIO 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: ARTSTDIO 103 AND ARTSTDIO 251

ARTSTDIO 353  CERAMICS III  3 Units
Arranged for the student as indicated by the student’s own interest and abilities.
PREREQ: ARTSTDIO 352
PREREQ: ARTSTDIO 102 AND ARTSTDIO 201; COREQ: ARTSTDIO 287

computer techniques.

An introductory studio course familiarizing the student with graphic industry standard practices.

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 AND MAGD 220 AND MAGD 270

ARTSTDIO 377 HD/DV DESIGN FUNDAMENTALS  Repeatable  3 Units

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 advanced 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: ARTSTDIO 102 AND ARTSTDIO 287 OR MAGD 210 AND MAGD 220

ARTSTDIO 379 INTERACTIVE MULTIMEDIA DESIGN  Repeatable  3 Units

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: ARTSTDIO 102 AND ARTSTDIO 287 OR MAGD 210 AND MAGD 220

ARTSTDIO 380 3D MODELING-IMAGING-ANIMATION I  3 Units

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: MAGD 210 AND MAGD 220 OR ARTSTDIO 102 AND ARTSTDIO 287 OR CONSENT OF INSTRUCTOR

ARTSTDIO 381 GRAPHIC DESIGN I: TYPOGRAPHY  3 Units

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: ARTSTDIO 102 AND ARTSTDIO 201; COREQ: ARTSTDIO 287

ARTSTDIO 382 GRAPHIC DESIGN II: PRINT MEDIA  3 Units

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: ARTSTDIO 381

ARTSTDIO 383 GRAPHIC DESIGN III: WEB MEDIA  3 Units

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 Units

A studio course for the advanced art student in the various types and techniques of commercial illustration, using traditional media.

PREREQ: ARTSTDIO 202 AND ARTSTDIO 321

ARTSTDIO 388 MOTION GRAPHIC ANIMATION STUDIO I  3 Units

This course is focused on the study of motion graphics and aesthetic interdisciplinary animation 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 Units

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 392 PACKAGE DESIGN  3 Units

This class is geared to art and design students interested in product packaging. Students will create three-dimensional package design and innovative and functional packaging to promote manufactured products. Areas of study will include rendering, prototyping, specifying different materials, crafting 3-D models and final designs will allow students to attain new skills through the problem-solving process.

PREREQ: ARTSTDIO 103, ARTSTDIO 381, AND ARTSTDIO 382 OR CONSENT OF INSTRUCTOR

ARTSTDIO 408 ADVANCED DRAWING  Repeatable  3 Units

A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in drawing. Emphasis placed on the development of personal direction in terms of content, choice and handling of media. Repeatable in increments of 3 credits per term for a maximum of 12 credits.

PREREQ: ARTSTDIO 303
ARTSTDIO 411 PROFESSIONAL STUDIO PRACTICES 3 Units
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 ADVANCED DIGITAL PHOTO STUDIO - ART, ADS, IMMERSIVE PHOTOGRAPHY 3 Units
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 Repeatable 3 Units
A studio course which provides the opportunity for students to pursue directed intermediate and advanced research in the techniques and aesthetics of painting. Traditional oil and water based media will be introduced. Advanced students will be encouraged to explore a medium of choice. Repeatable in increments of 3 credits per term for a maximum of 12 credits.
PREREQ: ARTSTDIO 321

ARTSTDIO 434 THE ART OF THE BOOK 3 Units
This course will focus on the creation of hand made fine art books through the combination of applied research in traditional and non-traditional printmaking techniques and bookbinding. Graduate students will be expected to research an historical binding and create models for presentation to the class. Fulfills printmaking requirement.
PREREQ: ARTSTDIO 102 AND ARTSTDIO 201 OR CONSENT OF INSTRUCTOR

ARTSTDIO 444 SCULPTURE IV 3 Units
Advanced studio experience in sculpture.
PREREQ: 9 UNITS IN SCULPTURE

ARTSTDIO 445 SCULPTURE V: RESEARCH Repeatable 3 Units
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 Units
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 Repeatable 3 Units
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 Units
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 Units
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 Repeatable 3 Units
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 Units
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 accessibility to files via closed captioning.
PREREQ: ARTSTDIO 376

ARTSTDIO 477 ADVANCED HD DV MOTION CAPTURE STUDIO 3 Units
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: ARTSTDIO 377

ARTSTDIO 480 3D MODELING-ANIMATION II Repeatable 3 Units
This course will extend student introductory computer animation training to a higher level by offering more intermediate level knowledge of 3D modeling formats and systems for creative production. This digital 3D course will allow students to expand on the concepts and skills acquired from the introductory course and will offer them opportunity to explore in greater depth a specific area of 3D imaging.
PREREQ: ARTSTDIO 380

ARTSTDIO 482 ILLUSTRATION II 3 Units
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: ARTSTDIO 303 AND ARTSTDIO 384
ARTSTDIO 484 GRAPHIC DESIGN IV: ADVANCED CONCEPTS  3 Units
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: ARTSTDIO 383

ARTSTDIO 485 GRAPHIC DESIGN V: PORTFOLIO SOLUTIONS  3 Units
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 computer hardware and software processes is applied to realize final solutions designed for career portfolio presentations. 
PREREQ: ARTSTDIO 484

ARTSTDIO 486 PROFESSIONAL PORTFOLIO DEVELOPMENT  3 Units
This course will focus on the development of students' job-seeking portfolios through lectures, demonstrations and new projects. Students will prepare their conceptual, design, craftsmanship and other skills as they assemble and refine their graphic design portfolio pieces. All projects must meet the most professional standards, with an emphasis on quality and job-related subject matter. 
PREREQ: ARTSTDIO 483

ARTSTDIO 488 MOTION GRAPHIC ANIMATION STUDIO II  3 Units
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 preformance, film/TV, game and idevice distribution including an introduction to motion capture is expected. 
PREREQ: ARTSTDIO 487

ARTSTDIO 490 WORKSHOP Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.

ARTSTDIO 491 TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable.

ARTSTDIO 492 FIELD INTERNSHIP IN ART Repeatable  1-3 Units
Internship involving professional experience under the supervision of selected business and/or institutional personnel within student's area of emphasis. Departmental approval required for application. May be retaken to maximum of 6 credits in degree and major.

ARTSTDIO 496 SPECIAL STUDIES Repeatable  3-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

ARTSTDIO 497 EXCHANGE STUDY Repeatable  1-12 Units
Variable topics. Repeatable.

ARTSTDIO 498 INDEPENDENT STUDIES Repeatable  1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of six credits in major/degree.

ARTSTDIO 498R INDEPENDENT STUDIES - UNDERGRADUATE RESEARCH Repeatable  1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of six credits in major/degree.

Arts & Communication Interdepartmental (ACINDP)

Courses

ACINDP 166 Introduction to Creative Enterprise  3 Units
Students will be introduced to successful creative entrepreneurship and the definition of creative enterprise in its many forms. They will consider what success means to them and practice visioning, goal setting and planning. Students will learn key entrepreneurial concepts through lectures, experiential learning and interaction with successful arts/creative entrepreneurs. 
CROSS-LISTED: ACINDP/THEATRE 166

ACINDP 200 ARTS MANAGEMENT PRACTICUM Repeatable  1-2 Units
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 291 TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

ACINDP 293 APPLIED COMMUNICATION BASICS Repeatable  3-12 Units
Students will acquire skills relating personal values to customer service, problem-solving, teamwork, time management, independence, cultural sensitivity, and career planning. Disney offers students a "learning laboratory where they can live, learn and earn" while taking courses and completing assignments related to their work experience. Course is repeatable twice up to a total of 12 credits.
PREREQ: ACCEPTANCE INTO THE DISNEY COLLEGE PROGRAM (DCP), AND EITHER (1) COMPLETION OF 15-UNITS AND A GPA OF 2.0 OR (2) CONSENT OF INSTRUCTOR

ACINDP 310 PRACTICUM - DEVELOPMENT Repeatable  1-2 Units
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
CROSS-LISTED: THEATRE 310 AND ACINDP 310

ACINDP 363 APPLIED STUDIES IN ARTS MARKETING  2 Units
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: MARKETING 311
CROSS-LISTED: THEATRE 363 AND ACINDP 363

ACINDP 364 ISSUES IN ARTS MANAGEMENT  2 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR
CROSS-LISTED: THEATRE 364 AND ACINDP 364
Asian American Studies (ASIANAM)

Courses

ASIANAM 261 SOUTHEAST ASIA SINCE 1800 - TENSIONS OF DEVELOPMENT 3 Units
Southeast Asia is a region that today consists of eleven nations. The course is intended to provide a general introduction to Southeast Asia to have a better understanding about the historical events that gave the region its own regional identity and its deep implication to the changes of global system in the nineteenth and twentieth centuries.

ASIANAM 308 Hmong Americans: Historical and Contemporary Issues 3 Units
This course focuses on the history, culture, and contemporary life of Hmong Americans. In addition to exploring their origins and history in China and Southeast Asia, this course investigates the ways in which race, class, gender, and sexuality have shaped the social, cultural, economic, and political transformations in the Hmong communities since their immigration to America after the Vietnam War.

ASIANAM 310 Asian American History, 1850-Present 3 Units
This course surveys Asian American history from 1850 to the present. It explores the changing experiences of Asian immigrants and Asian Americans within the larger context of immigration and race relations in American history, and it focuses on contemporary issues facing Asian Americans and how Asian Americans are changing the United States.

ASIANAM 335 Asian American Literature 3 Units
This course examines the rich and varied literatures produced by U.S. writers of Asian descent. It considers the complex ways in which 1) history, 2) socioeconomic structures, 3) group and individual experiences, 4) cultural values and traditions, and 5) collisions and collaborations with other cultural groups in the U.S. come together to (re)shape Asian American identity and literary contributions.

ASIANAM 308 Hmong Americans: Historical and Contemporary Issues 3 Units
This course surveys Asian American history from 1850 to the present. It explores the changing experiences of Asian immigrants and Asian Americans within the larger context of immigration and race relations in American history, and it focuses on contemporary issues facing Asian Americans and how Asian Americans are changing the United States.

ASIANAM 335 Asian American Literature 3 Units
This course examines the rich and varied literatures produced by U.S. writers of Asian descent. It considers the complex ways in which 1) history, 2) socioeconomic structures, 3) group and individual experiences, 4) cultural values and traditions, and 5) collisions and collaborations with other cultural groups in the U.S. come together to (re)shape Asian American identity and literary contributions.

ASIANAM 408 Topics in Asian American Studies Repeatable 3 Units
This variable topics course will cover issues critical to the Asian American experience. The topic and disciplinary approach will vary. A substantial semester project will be developed by students and presented formally. Students may repeat the course up to 6 credits but may not repeat the specific course topic.

Asian Studies (ASIANSTD)

Courses

ASIANSTD 111 Introduction to Asian Religions 3 Units
An introduction to the major religious traditions in the cultural areas of South, Southeast, and East Asia: Hinduism, Buddhism, Jainism, Taoism, Confucianism, and Shinto.

CROSS-LISTED: RELIGST 111 AND ASIANSTD 111
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<td>GOVERNMENT AND POLITICS OF ASIA</td>
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**ASIANSTD 130 EAST ASIAN TRADITION 3 Units**
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.
CROSS-LISTED: HISTRY 130 AND ASIANSTD 130

**ASIANSTD 131 EAST ASIA SINCE 1800 3 Units**
A survey of China, Korea and Japan in the nineteenth and twentieth centuries centering on the process of modernization in these countries.
CROSS-LISTED: HISTRY 131 AND ASIANSTD 131

**ASIANSTD 210 INTRODUCTION TO ASIAN STUDIES 3 Units**
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 232 BUDDHISM: THE MIDDLE WAY 3 Units**
This course introduces the wide range of Buddhist ideas and practices that have developed in Asia. It considers the social context in which Buddhism developed, the philosophical bases of all Buddhist schools, the development of the Mahayana, Buddhist Tantra, and Buddhist practices in South, Southeast and East Asia.
CROSS-LISTED: RELIGST 232 AND ASIANSTD 232

**ASIANSTD 303 ASIAN RELIGIOUS THOUGHT 3 Units**
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 INSTRUCTOR
CROSS-LISTED: RELIGST 303 AND ASIANSTD 303

**ASIANSTD 323 ASIAN LITERATURES 3 Units**
This course is an introduction to the literary and cultural tradition of three Asian civilizations: China, India, and Japan. Students will read a selection of classical and modern works from various genres in the three national literatures. The literary texts will be discussed in their cultural and historical contexts.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 323 / ASIANSTD 323

**ASIANSTD 333 JAPANESE LITERATURE 3 Units**
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 105 OR ENGLISH 162
CROSS-LISTED: ENGLISH 333 AND ASIANSTD 333

**ASIANSTD 347 GENDER AND FAMILY IN JAPAN 3 Units**
This course will examine forms of masculinity, femininity, sexuality, and family in contemporary Japan, and their historical development. Students will learn how gender, sexuality, and family are historically and socially constructed, how they are recreated through social interaction, how power inequalities are embedded in gender and family relations, how these inequalities impact individuals (and vice versa).
PREREQ: 3 UNITS OF SOCIOLGY OR 3 UNITS OF ANTHROPOLOGY OR WOMENST 100 OR JAPANESE 101 OR CONSENT OF INSTRUCTOR

**ASIANSTD 350 CONTEMPORARY JAPANESE SOCIETY 3 Units**
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
CROSS-LISTED: ASIANSTD 350 AND ANTHROPL 350

**ASIANSTD 358 CONTEMPORARY CHINESE SOCIETY 3 Units**
This course is an overview of post-Mao Chinese society. It focuses on the institutional, demographic, cultural, economic, and political transformation in China since 1978. Included are changes in rural and urban social life, mass migration, changing family and gender relations, social and economic inequalities, ethnic and regional diversity, and rising social tensions.
PREREQ: 3 UNITS SOCIOLGY OR ASIANSTD 210 OR GEOGRPY 364 OR HISTRY 385 OR POLISCI 472
CROSS-LISTED: SOCIOLOGY 358 AND ASIANSTD 358

**ASIANSTD 361 GEOGRAPHY OF SOUTH AND SOUTHEAST ASIA 3 Units**
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: GEOGRPY 364 AND ASIANSTD 361

**ASIANSTD 364 GEOGRAPHY OF EAST ASIA 3 Units**
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: GEOGRPY 365 AND ASIANSTD 364

**ASIANSTD 385 MODERN CHINA 3 Units**
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
CROSS-LISTED: HISTRY 385 AND ASIANSTD 385

**ASIANSTD 386 MODERN JAPAN 3 Units**
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
CROSS-LISTED: HISTRY 386 AND ASIANSTD 386

**ASIANSTD 460 GOVERNMENT AND POLITICS OF ASIA 3 Units**
A comparative study of the political structures, institutions, and processes of the nations of Asia.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 460 AND ASIANSTD 460
### Astronomy (AST) - Rock County

#### Courses

**AST 100  SURVEY OF ASTRONOMY  4 Units**
Descriptive Surv. of astronomy for students with minimal background in mathematics & Sci.. Topics include the solar system, stars, nebulae, galaxies, cosmology, & astronomical methods. May be offered for 3 credits without Lab work, or for 4 credits with Lab work consisting of telescopic observation, Lab demonstration, & astronomy exercises. Students may not earn credit for both AST 100 & 105. Prereq: High school algebra & geometry or cons. instr.

**AST 101  OBSERVATIONAL ASTRONOMY  1 Units**
Observation of solar system, galactic & extra-galactic objects, & Intro to basic observational techniques in astronomy. Includes telescopic & unaided eye observation, positional astronomy, astro-photography, optic spectroscopy, interpretation of astronomical data, & astronomy Lab exercises.

**AST 105  THE SOLAR SYSTEM  3 Units**
Contemporary understanding of the Solar System; the sky and celestial motions; ancient astronomy; the Copernican revolution; light, gravity, orbits, and astronomical instruments; formation of the solar system; sun, planets and moons; asteroids, comets, meteors and meteorites; and the origin of life. May be offered for three credits without laboratory work or for four credits with laboratory work consisting of telescopic observation, laboratory demonstration and/or astronomy exercises.

**AST 106  STARS, GALAXIES, AND THE UNIVERSE  3 Units**
Contemporary understanding of stellar systems: historical development; light, gravity, atoms & nuclei; astronomical instruments; properties & life cycles of the Sun & stars; black holes; the Milky Way & other galaxies; cosmology. May be offered for three credits without Lab work or for four credits with Lab work consisting of telescopic observation, Lab demonstration & astronomy exercises.

**AST 150  PLANETARY GEOLOGY  3 Units**
This is an Introductory course covering various subjects related to geology of planets, moons, & other small bodies in our solar system. In this course, students will learn formation, evolution & present nature of these planetary bodies using a geologic & astrophysical approach. To understand other planetary bodies, or our solar system as a whole, it is essential to examine geological processes? occurring in Earth, then generalize how such processes can be applied to other planets. Therefore, a brief overview on these processes will be given during the beginning stage of the course. The course will also cover smaller planetary bodies such as asteroids, comets & meteorites, which are very important in understanding geological process in our solar system. It meets the Natural Sci. requirement for a liberal arts degree at the University of Wisconsin Colleges. Prereq: High School Algebra. PREREQ:HIGH SCHOOL ALGEBRA

**AST 200  GENERAL ASTRONOMY  4 Units**
Surv. of astronomy for students who have some background in mathematics & physics; the solar system, stars, nebulae, galaxies, cosmology, astronomical methods. Telescopic observation, Lab demonstration, & astronomy exercises; three hours lecture, two hours lab-discussion per week. PHY 141, PHY 201, or equivalent.

**AST 291  TOPICS IN ASTRONOMY  1-5 Units**
An extended coverage of one or more topics in astronomy such as extra-terrestrial life, archeoastronomy, cosmology, astrophysics, radio astronomy, stellar structure, dynamical astronomy, galactic structure & observational astronomy.
### Biology (BIO) - Rock County

#### Courses

**BIO 101 CONCEPTS OF BIOLOGY** 5 Units  
An intro to the fundamental principles of living organisms. Includes cell & tissue structure, growth, basic physiological processes, reproduction & inheritance, classification, evolution & ecology. Lecture, lab, & may also include demonstrations, discussion & field trips.

**BIO 105 GREEK AND LATIN ORIGINS OF MEDICAL AND SCIENTIFIC TERMINOLOGY** 2-3 Units  
The course is designed to acquaint students pursuing sci. & other majors with the origins of technical terms they are likely to encounter.

**BIO 121 FOUNDATIONS OF BIOLOGICAL SCIENCES I** 5 Units  
First semester of a two semester course designed for majors in biological sciences. Topics include: cell structure & function, cellular metabolism (enzymes, respiration, photosynthesis), information flow (DNA, RNA, protein), principles of genetics, & survey of viruses, prokaryotes, and protists.

**BIO 122 FOUNDATIONS OF BIOLOGICAL SCIENCES II** 5 Units  
Second semester of a two semester sequence designed for majors in biological sciences. Continuation of BIO 121. Topics include: speciation & evolutionary theory, survey of the eukaryotes after the protists, selected topics in plant & animal physiology, & ecology at multiple levels of the biological hierarchy.  
**PREREQ: BIO 121**

**BIO 141 HEREDITY** 3 Units  
Principles of heredity with applications to plant, animal & human inheritance; current advances in genetics & their bearing on the life sci.s. Lecture & may also include demonstrations, discussion & field trips.

**BIO 161 SURVEY OF BOTANY** 3 Units  
(Previously BOT 100) Structure, functions, life histories, taxonomy & evolution of representative plants throughout the plant kingdom. Lecture, lab, & may also include demonstrations, discussion & field trips.

**BIO 162 GENERAL BOTANY** 5 Units  
(Previously BOT 130) An intro to plant sci.s including the structure, development, Physiology & genetics of plants. The relation of the major plant groups & the principles of Bio. Lecture, lab, & may also include demonstrations, discussion & field trips.  
**PREREQ: A GRADE OF C OR BETTER IN MATH 141 OR WAIVER**

**BIO 163 DENDROLOGY** 3 Units  
(Previously BOT 202) Identification, classification & economic importance of evergreen & deciduous woody plants, both native & exotic species, stressing characteristics of leaf, fruit, twig, bark, & wood structure. Lecture, lab, & may also include demonstrations, discussion & field trips.

**BIO 164 PLANTS AND CIVILIZATION** 2 Units  
(Previously BOT 240) The study of plants from an historical & geographical perspective, & how plants are used in the modern world as a source of food, drugs, & other materials. Lecture & may also include demonstrations, discussion & field trips.

**BIO 171 ANIMAL BIOLOGY** 5 Units  
(Previously ZOO 101) General biological principles - structure & function of cells, histology, embryology, heredity, ecology, & evolution; Surv. of the animal kingdom; & structure & function of the vertebrate body. Lecture, lab, & may also include demonstrations, discussion & field trips.  
**PREREQ: BIOLOGY 141 AND MATH 141 BOTH WITH A GRADE OF C OR BETTER**

**BIO 180 INTRODUCTION TO HUMAN BIOLOGY** 3 Units  
(Previously ZOO 105) Intro to the development, nature, & processes of human adaptability. Lecture & may also include demonstrations, discussion & field trips.
BIO 182  HUMAN ANATOMY AND PHYSIOLOGY  3 Units
(Previously PHS 170) This is a basic course which introduces the non-Bio.
major to the study of how the human body is organized. Through lecture & Lab, the student studies the major organ systems of the human body & how its structure relates to function. Lecture, lab, & may also include demonstration, discussion & field trips.
PREREQ: GENERAL STUDIES LAB SCIENCE OR CONSENT OF INSTRUCTOR

BIO 186  BIOLOGY OF WOMEN  3 Units
(BIO 186 & GSW 130 are the same course.) An Intro to the Physolgy & reproductive anatomy of women including pregnancy, human development, cancer, infertility, birth control, sexually transmitted diseases & other health issues.

BIO 188  BIOLOGY OF HUMAN SEXUALITY AND REPRODUCTION  3 Units
(Previously ZOO 155) This course focuses on the biological aspects of human sexuality & reproduction. In addition, the following topics will be discussed from a biological perspective: birth control, sexually transmitted diseases, birth defects, abortion, differences between the sexes, & the manipulation of the human reproductive process by Sci.. Lecture & may also include demonstrations, discussion & field trips.

BIO 190  INTRODUCTION TO ENVIRONMENTAL SCIENCE  3 Units
Principles underlying the proper management of our resources: water, soils, minerals, forests, wildlife, human. Current and past attitudes relating to the resources with the interaction and complexities of humans’ interests. This meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of Science, Social Sciences. Lecture and may include demonstrations, discussions, and field trips.

BIO 191  ENVIRONMENTAL SCIENCE  4 Units
Contemporary study of natural world through human perspective. Emphasis on humans as modifying force in the biophysical environment, including selected topics in ecological principles, pollution, population biology, environmental management. Course meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of science and social sciences. Lecture, lab. May include demonstrations, discussions, and field trips.

BIO 193  NATURAL HISTORY OF WISCONSIN  3 Units
Natural History of Wisconsin is an Introductory Bio. course intended for the general student wanting to learn more about Wisconsin's diverse plant & animal life. The main focus of this course is the state's diversity of plants & animals & the ecosystems in which they live. In addition, it may cover basic concepts of field ecology, behavior, & conservation, identification of select organisms, & a review of the historical contributions to our understanding of Wisconsin natural history. This course is designed to increase the awareness & appreciation of Wisconsin's fantastic biological diversity at a time when the general public is becoming increasingly disconnected from natural Envs. Optional field trips may be included.

BIO 196  INTRODUCTION TO WILDLIFE RESOURCES  3 Units
(Previously ZOO 140) Wildlife resources of the U.S.; the importance of wildlife to our past & present economic & cultural life & selected problems in wildlife conservation. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: INTRO BIOLOGY COURSE

BIO 197  ORNITHOLOGY  3 Units
(Previously ZOO 277) A course which introduces the student to the Bio. of birds & the methods of modern field studies, identification, life histories, ecology, & behavior of birds, with emphasis on local species. Lecture, lab, & may also include demonstrations, discussion & field trips.

BIO 198  VERTEBRATE BIOLOGY  4 Units
(Previously ZOO 237) An Intro to the study of vertebrate animals considering their structure, evolution, ecology, & special adaptation. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: INTRO BIOLOGY COURSE

BIO 201  PRINCIPLES OF ECOLOGY  4 Units
The interrelationships between living organisms & their Env., ecosystems concepts, population dynamics, community organization & distribution, & application of ecological principles to humans & their Env.. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: INTRO BIOLOGY COURSE

BIO 210  INTRODUCTION TO PHYSIOLOGY  4 Units
Laws of variation & heredity & their modification by Env., genetic engineering, & chromosome behavior with emphasis on human genetics. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: INTRO BIOLOGY COURSE

BIO 211  GENETICS  4 Units
PREREQ: INTRO BIOLOGY COURSE

BIO 251  GENERAL SURVEY OF MICROBIOLOGY  5 Units
(Previously BAC 201) Surv. of micro-organisms & their activities; emphasis on structure, taxonomy, function, ecology, Nut., Physolgy, pathology & genetics. Surv. of applied microBio.: agricultural, medical, industrial, Env.al & food. The Lab is an Intro to st&ard techniques & procedures in general microBio.. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: BIO 101, BIO 162, OE BIO 171 REQUIRED. CHE 125 RECOMMENDED

BIO 271  VERTEBRATE BIOLOGY  4 Units
(Previously ZOO 239) A study of the fundamental structure & organization of the organs & systems of the human body. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: INTRO BIOLOGY COURSE

BIO 277  ORNITHOLOGY  3 Units
(Previously ZOO 277) A course which introduces the student to the Bio. of birds & the methods of modern field studies, identification, life histories, ecology, & behavior of birds, with emphasis on local species. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: INTRO BIOLOGY COURSE

BIO 280  HUMAN ANATOMY  3 Units
(Previously ZOO 234) A study of the fundamental structure & organization of the organs & systems of the human body. Lecture, lab, & may also include demonstrations, discussion & field trips.

BIO 281  HUMAN PHYSIOLOGY  5 Units
(Previously PHS 235) An examination of the physiological processes of the human body. Lecture, discussion, & lab.
PREREQ: INTRO COURSE IN BIO AND CHE OR CONSENT OF INSTRUCTOR

BIO 283  PRINCIPLES OF MICROBIOLOGY  4 Units
(Previously PHS 250) This course was designed for the nursing consortium, primarily for RNs who plan to enter a BSN program. PHS 250 is a review & recent update of concepts in human Physolgy & microBio.. This course utilizes an extensive review packet of basic concepts of Physolgy & microBio. which must be completed during the course. Lecture only. online class.

BIO 285  ANATOMY AND PHYSIOLOGY  4 Units
(Previously PHS 202) An examination of the structure & function of the human body at the molecular, cellular, tissue, organ, & system levels of organization. The integration of these levels of organization within the human organism is emphasized. This is the first Sem. of a two-Sem. sequence. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: BIO 101, BIO 162, OR BIO 171 OR CONSENTS OF INSTRUCTOR
BIO 286  ANATOMY AND PHYSIOLOGY  4 Units
(Previously PHS 203) An examination of the structure & function of the human body at the molecular, cellular, tissue, organ, & system levels of organization. The integration of these levels of organization within the human organism is emphasized. This is the second Sem. of a two-Sem. sequence. Lecture, lab, & may also include demonstrations, discussion & field trips.
PREREQ: BIO 285

BIO 288  HUMAN ANATOMY AND PHYSIOLOGY  5 Units
(Previously PHS 230) A study of the fundamental principles of human structure & function with applications to health & disease. The course will explore all organ systems of the human body at various levels of organization from the cellular & subcellular to the organ system level. Lecture, lab, & may also include demonstrations, discussions & field trips.
PREREQ: BIO 280 OR EQUIVALENT; INTRO CHE RECOMMENDED

BIO 291  INTRODUCTION TO FISH, FORESTS, AND WILDLIFE RESOURCES  4 Units
(Previously NAT 250) An integration Intro to the theoretical & applied aspects of the Mgmt. of our biotic resources. This course will stress sustainable Mgmt. & ecosystem integrity using contemporary conservation issues & local examples.
PREREQ: BIO 101, BIO 162, OR BIO 171 OR CONSENTS OF INSTRUCTOR

BIO 294  INTERNSHIP IN BIOLOGICAL SCIENCE  1-3 Units
An individually arranged internship in an area field site, public agency, community organization or industry to gain practical experience in a Biological Sci.s discipline. The internship is intended for advanced Sci. students with previous college level Bio. coursework. Students will work under the supervision of a faculty member & will receive credit based on hours employed & completion of a final report summarizing their experiences & how they build upon previous classroom experiences. Presentation of any research performed would be arranged through the supervising faculty member. This course will fulfill the requirements of the AP degree designation by giving students the opportunity to learn first h& the interrelationships between Sci. theory & application in the natural world. Students will also have the opportunity to apply the scientific method & problem solving skills in experimental work & experiences completed in the community or business Env. during the internship. Students will also be expected to apply basic Sci. knowledge to interpret & analyze data that is collected as part of any research component of an internship. Prereq: a university-level Introductory course in the Biological Sci.s & cons. instr. Repeatable for a maximum of six credits.

BIO 298  SPECIAL TOPICS IN BIOLOGY  Repeatable  1-3 Units
(Previously BOT 291/ZOO 291) Designed to cover topics in Bio. not ordinarily covered in other classes.

BIO 299  READING AND RESEARCH IN BIOLOGY  Repeatable  1-3 Units
(Previously BAC 299/BOT 299/ZOO 299) Supervised undergraduate reading & research in biological Sci.s. This course is designed to acquaint the undergraduate with the Lit. & research techniques used in biological investigation & to give practical experience in scientific problem-solving.
PREREQ: CONSENT OF INSTRUCTOR

BIO 373  ANIMAL BEHAVIOR  3 Units
(Previously ZOO 305) A general Intro to the field of animal behavior. Topics include evolution & natural selection, social behavior, communication, reproduction, orientation & navigation, & hormonal mechanisms of behavior. Lecture, lab, an may also include demonstrations, discussions, & field trips.
PREREQ: INTRO ZOO OR BIO RECOMMENDED
BIOLOGY 220  INTRODUCTION TO EPIDEMIOLOGY  3 Units
Introduction to basic principles of tracking changes in health indicators and problems in modern society. We will cover both current and historical cases to learn techniques of gathering information, analysis, and application. Problems will include infectious diseases, environmental problems, and other areas of concern in population health. PREREQ: MATH 139 OR MATH 141 OR WAIVER CROSS-LISTED: BIOLOGY 220/PUBLH 220

BIOLOGY 225  SCIENCE OF FORENSIC ANALYSIS  4 Units
An introduction to the scientific foundation of techniques used for criminal investigation. PREREQ: MATH 141 OR MATH 139, AND TWO UNIVERSITY LEVEL LAB SCIENCE COURSES.

BIOLOGY 250  ECO & GEOLGY OF YELLOWSTONE NATL. PARK & UPPER GREAT PLAINS  4 Units
An interdisciplinary science course with travel to Yellowstone National Park (YNP) and other sites. On-line work will introduce ecology, geology and the natural history of the travel sites. Labs and fieldwork will be conducted outside of YNP. Students with disabilities may be accommodated. Biology or Geology/Geography majors take Bio/Geo 451 or see Department Chair. Summers only. Additional fees apply. COREQ: MATH 139 OR MATH 140 OR MATH 141 CROSS-LISTED: BIOLOGY 250 AND GEOLOGY 250

BIOLOGY 251  INTRODUCTION TO GENETICS  4 Units
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 semester. PREREQ: BIOLOGY 141, BIOLOGY 142, MATH 141 AND CHEM 102, ALL WITH A GRADE OF C OR BETTER

BIOLOGY 253  INTRODUCTION TO CELL BIOLOGY  3 Units
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 semester. 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 Units
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 Units
A survey of ecosystems and animal and plant populations and communities. Topics include review of the Earth’s major biomes and the physical factors that influence them, the ecology and evolution of populations, the nature of biotic communities, the structure and function of ecosystems, and the status and protection of biodiversity. Three hours of lecture per week. Optional field trip. Offered every semester. PREREQ: BIOLOGY 141 AND BIOLOGY 142 WITH A GRADE OF C OR BETTER; UNREQ: BIOLOGY 214

BIOLOGY 258  ECOLOGICAL FIELD METHODS  2 Units
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 BIOLOGY 142 WITH A GRADE OF "C" OR BETTER; COREQ: BIOLOGY 257

BIOLOGY 301  INTRODUCTION TO BEHAVIORAL NEUROSCIENCE  3 Units
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 CREDITS IN BIOLOGY CROSS-LISTED: PSYCH 301 AND BIOLOGY 301

BIOLOGY 303  BIOSTATISTICS  4 Units
Students will learn fundamentals of hypothesis formation and testing, using a variety of univariate statistical methods. Consideration of experimental design and the evaluation of research methodologies published in the biological literature are explored in detail. Students will gain practical experience with implementation of statistical analyses using real world datasets and communicating these results effectively. 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 Units
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, CHEM 104 WITH A GRADE OF C OR BETTER; COREQ: CHEM 251 (RECOMMENDED ONLY)

BIOLOGY 315  BIRDING IN SOUTHERN WISCONSIN  2 Units
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 AND C OR BETTER IN A PREVIOUS GL COURSE

BIOLOGY 340  COMPARATIVE VERTEBRATE ANATOMY  4 Units
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 OR EQUIVALENTS
BIOLOGY 341 DEVELOPMENTAL BIOLOGY 4 Units
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 Units
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

BIOLOGY 350 WINTER ECOLOGY & NATURAL HISTORY OF YELLOWSTONE NATIONAL PARK 2 Units
A field course in Yellowstone National Park (YNP), exploring winter ecology, organisms’ behavioral and physiological adaptations and abiotic parameters of winter. We’ll also examine the natural history of YNP and locations en route. There is preparatory on-line work and lectures and labs in YNP. Students with disabilities may be accommodated.
PREREQ: BIOLOGY 120 OR BIOLOGY 141 OR CONSENT OF INSTRUCTOR

BIOLOGY 351 THE PLANT KINGDOM 4 Units
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 4 Units
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 CONSENT OF INSTRUCTOR

BIOLOGY 354 FIELD BOTANY 3 Units
A study of the identification and ecology of flowering plants, conifers and ferns. Emphasis will be given to the plants and plant communities in the vicinity of the course location. A collection of local plants is required of all students. Field trips required. Summer session only.
PREREQ: BIOLOGY 141 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

BIOLOGY 357 CONSERVATION BIOLOGY 3 Units
This course explores the conceptual foundations of conservation biology. We will study the primary threats to biodiversity, and pay particular attention to issues of habitat degradation and loss, overexploitation, species invasions, and climate change. We will learn and apply skills, tools, and biological principles that are used by conservation biologists to study, track, manage, and mitigate environmental threats.
PREREQ: BIOLOGY 257 OR CONSENT OF INSTRUCTOR

BIOLOGY 361 HUMAN ANATOMY AND PHYSIOLOGY I 4 Units
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 WITH A GRADE OF C OR BETTER OR BIOLOGY 141 AND BIOLOGY 142 WITH A GRADE OF C OR BETTER OR CONSENT OF INSTRUCTOR

BIOLOGY 362 HUMAN ANATOMY AND PHYSIOLOGY II 4 Units
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, 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 Units
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 Units
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, BIOLOGY 253, AND BIOLOGY 254 WITH A GRADE OF C OR BETTER. COREQ: BIOLOGY 363 AND CHEM 251

BIOLOGY 370 AQUATIC BIOLOGY 4 Units
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

BIOLOGY 375 INVERTEBRATE ZOOLOGY 4 Units
A comprehensive study of the morphology, physiology, ecology and significance of the major groups of invertebrate animals. Six 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 Repeatable 0.5 Units
Lecturer on current research and career opportunities in biology through the colloquium format. Required of Biology majors offered on a satisfactory/no credit basis every semester. May not be taken concurrently with Senior Biology Colloquium.
PREREQ: BIOLOGY 141, BIOLOGY 142 AND SOPHOMORE STATUS

BIOLOGY 400 SENIOR BIOLOGY COLLOQUIUM 0.5 Units
Continuation of Biological Sciences 630-390. 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 semester. May not be taken concurrently with BIOLOGY 390.
PREREQ: BIOLOGY 141, BIOLOGY 142, BIOLOGY 390 AND SENIOR STATUS
BIOLOGY 412 IMMUNOLOGY 4 Units
Study of the function of cells and tissues of the vertebrate immune system. Topics include biology of critical molecules and cells, principles of innate, acquired, and adoptive immunity, immunogenetics, allergy, inflammation, autoimmunity, vaccines, and transplantation. The lab provides experience with modern serological and immunological laboratory techniques and instrumentation. Three hours of lecture and three hours of laboratory per week.
PREREQ: BIOLOGY 251 AND BIOLOGY 253 WITH A GRADE OF C OR BETTER OR EQUIVALENTS

BIOLOGY 416 ADVANCED AND MULTIVARIATE DATA ANALYSIS FOR THE LIFE SCIENCES 3 Units
An introduction to multifactorial and multivariate data analyses commonly used in life sciences such as psychology and biology. Analyses include analysis of variance and covariance, multiple analysis of variance and covariance, multiple regression, foundations of structural equation modeling (path analysis and latent factor analysis), discriminant analysis and logistic regression.
PREREQ: PSYCH 215 OR BIOLOGY 303 OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

BIOLOGY 421 BIOLOGICAL NANOTECHNOLOGY 3 Units
This course is a study of the theory, methods, instrumentation, and applications of biological nanotechnology. Emphasis is also placed on communicating scientific findings and the role that biological nanotechnology plays in the biomedical and environmental sciences.
PREREQ: BIOLOGY 251 WITH A GRADE OF C OR BETTER

BIOLOGY 425 APPLICATIONS OF CELLULAR BIOLOGY 3 Units
This course helps students build on and integrate the knowledge they have gained in Introductory Biology and Introduction to Cell Biology through reading and analysis of primary scientific literature. The course is organized such that students work in small groups to analyze a series of research papers to explore how a scientific research plan changes in response to new data.
PREREQ: BIOLOGY 253 WITH A GRADE OF C OR BETTER

BIOLOGY 430 ANIMAL BEHAVIOR 4 Units
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 Units
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 A GRADE OF C OR BETTER

BIOLOGY 446 ORGANIC EVOLUTION 4 Units
History of evolutionary thought, evidences of evolution and analysis of evolutionary mechanisms and processes.
PREREQ: BIOLOGY 251 WITH A GRADE OF C OR BETTER AND EITHER (BIOLOGY 303, PSYCH 215, MATH 230, OR MATH 342) WITH A GRADE OF C OR BETTER.

BIOLOGY 448 BIOINFORMATICS 3 Units
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 WITH A GRADE OF C OR BETTER AND ONE OF THE FOLLOWING WITH A GRADE OF C OR BETTER: BIOLOGY 303, PSYCH 215, MATH 230, OR MATH 342 CROSS-LISTED: BIOLOGY 448 AND COMPSCI 448

BIOLOGY 450 INTRODUCTORY ENTOMOLOGY 4 Units
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. Offered in the fall semester.
PREREQ: GRADE OF C OR BETTER IN BOTH BIOLOGY 141 BIOLOGY 142

BIOLOGY 451 NATURAL HISTORY OF YELLOWSTONE NP AND THE UPPER GREAT PLAINS 3 Units
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 Units
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 AND BIOLOGY 251 AND BIOLOGY 253 AND CHEM 251 OR CHEM 454 AND CHEM 251 CROSS-LISTED: CHEM 456 AND BIOLOGY 456

BIOLOGY 457 WILDLIFE ECOLOGY 4 Units
Covers advanced ecological concepts related to wildlife. Topics include individual ecological needs, population biology, species interactions, and community-level impacts. In-depth look at quantitative and analytical aspects. Students will gain experiences in the application of concepts and methodologies in real-world settings, and learn more about analytical aspects of wildlife ecology. Provides the groundwork necessary for advanced studies or ecological research.
PREREQ: A GRADE OF C OR BETTER IN ALL OF THE FOLLOWING: BIOLOGY 251; BIOLOGY 257; BIOLOGY 258; BIOLOGY 303 OR PSYCH 215

BIOLOGY 458 RESEARCH IN BIOCHEMISTRY 2 Units
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 456/CHEM 456 CROSS-LISTED: CHEM 458 AND BIOLOGY 458
BIOLOGY 459 COMMUNITY ECOLOGY  4 Units
Upper level ecology course which takes quantitative approaches to learning how organisms interact in communities and their natural ecosystems. This class concentrates on defining communities and exploring how different communities are maintained and/or modified with changing conditions. Topics include: community metrics, niche theory, organism interactions (competition, predator-prey relationships, mutualism, and commensalism), food web ecology, spatial ecology, and succession.
PREREQ: BIOLOGY 257 AND BIOLOGY 258 (BIOLOGY 303 OR PSYCH 215), ALL WITH A GRADE OF C OR BETTER

BIOLOGY 490 WORKSHOP  Repeatable  1-3 Units
This course provides teaching experience at the college level for undergraduate students. Undergraduate 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.

BIOLOGY 491 TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led field courses.

BIOLOGY 492 LABORATORY TEACHING EXPERIENCE  Repeatable  1 Units
This course provides teaching experience at the college level for undergraduate students. Undergraduate 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.
PREREQ: CONSENT OF INSTRUCTOR

BIOLOGY 493 INTERNSHIP IN BIOLOGY  Repeatable  1-12 Units
Variable topics.

BIOLOGY 494 SEMINAR  Repeatable  1 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable two times for a maximum of 2 credits in degree.
PREREQ: 16 HRS OF BIOLOGY INCLUDING BIOLOGY 141 AND BIOLOGY 142

BIOLOGY 496 SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.
Repeatable for a maximum of 3 credits in major.

BIOLOGY 497 EXCHANGE STUDY  Repeatable  1-99 Units
Variable topics.

BIOLOGY 497L EXCHANGE STUDY (GL)  Repeatable  72 Units

BIOLOGY 498 INDEPENDENT STUDY  Repeatable  1-3 Units
Typical projects may include helping researchers in conducting research projects or helping instructors develop pedagogical tools for their courses. Eligible students who are conducting their own research projects should enroll in Biology 498R. Repeatable for a maximum of 6 credits in major and degree or 2 units in the minor.
PREREQ: BIOLOGY 141, BIOLOGY 142 AND A 2.0 GRADE POINT AVERAGE IN BIOLOGY

BIOLOGY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Students will complete and present an undergraduate research project under the direction of a faculty mentor. Projects may require more than one semester to complete. Repeatable for a maximum of 6 units in major and degree or 2 in the minor.
PREREQ: BIOLOGY 141 AND BIOLOGY 142 AND 2.75 GPA IN BIOLOGY.

BIOLOGY 499 BIOLOGY THESIS  Repeatable  2-3 Units
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 STATUS

Business Administration (BUS) - Rock County

Courses
BUS 101 INTRODUCTION TO BUSINESS  3 Units
Intro to the role of business in the modern political, social & economic Env.s; describes career opportunities.

BUS 110 PERSONAL FINANCE  3 Units
A study of personal financial Mgmt. Examines the financial problems & consequent financial decisions required of individuals in our economy. Subjects covered are applications in family budgeting, consumer buying decisions, borrowing, insurance, personal real estate, income taxation, investments, & estate planning.

BUS 194 CAREER AND LIFE PLANNING  2 Units
This course will enable students to develop career goals & lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision-making skills, academic plans, & career awareness. This personal, educational, & occupational Info will then be organized & translated into an individualized course of action. Integration of career goals with current & future college course work will be stressed.

BUS 201 INTRODUCTORY ACCOUNTING  4 Units
Fundamental principles, terminology, techniques, & applications; books, accounts & financial statements for retailing & wholesaling concerns; treatment & presentation of proprietorship, partnership & corporate accounts.
PREREQ: OPEN TO SECOND SEMESTER FRESHMAN OR CONSENT OF INSTRUCTOR

BUS 202 INTERMEDIATE ACCOUNTING  4 Units
Accounting theory principles, concepts, & procedures & their applications as applied to balance sheet & income statement accounts, presentation & interpretation of financial statements; problems of terminology, valuation, & analysis are included.
PREREQ: BUS 201

BUS 204 MANAGERIAL ACCOUNTING  3 Units
Interpretation & application of accounting reports by Mgmt. in planning, coordinating, & controlling business activities; presentation, analysis & interpretation of financial data; internal control & reports to Mgmt.; cost-volume-profit relationships, budgets, costs, & managerial decision making.
PREREQ: BUS 201
### BUS 209 UNDERSTANDING BUSINESS IN SOCIETY  3 Units
An exploration of how businesses make decisions that impact their firms, individuals, & society as a whole. Students learn & practice business concepts needed to make better decisions as employees, entrepreneurs, citizens, regulators, or researchers. Introduces fundamental economic principles & legal topics; emphasizes finance & accounting.
PREREQ: MAT 105

### BUS 210 BUSINESS COMMUNICATION  3 Units
(BUS 210 & ENG 210 are the same course.) Study & practice of the techniques of achieving clarity, brevity & effectiveness in business communication. Planning, preparation, critiquing of business letters, memos, short & long reports, resumes, manuals of procedure, & oral reports. Prereq: ENG 102 or cons. instr.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105; AND LOWER DIVISION BUSINESS ENROLLMENT REQUIREMENTS

### BUS 219 INTRODUCTION TO SPORTS/FITNESS MANAGEMENT  3 Units
(BUS 219 & HES 219 are the same course.) This course will provide an Intro to the sport & fitness Mgmt. industry. Emphasis will be placed on basic Mgmt. principles, marketing, public relations, finance, Eco., organizational theory, & career opportunities as they apply to the field of sports & fitness Mgmt..

### BUS 220 INTRODUCTION TO E-COMMERCE  3 Units
(BUS 220 & CPS 120 are the same course.) This course will familiarize the student with the basics of e-commerce. Major topics include the basics of the internet, entrepreneurship, the creation of a business plan, financing, web site design, & e-business Mgmt.. Students will develop a background in electronic commerce technology through exploring infrastructure & emerging technical issues in support of e-commerce.

### BUS 222 DIVERSITY IN BUSINESS  3 Units
Explores diversity in business within the U.S. political & social context. Examines impact on the workplace & experiences of minority entrepreneurs. Includes the perspectives & experiences of at least two groups: African Americans, American Indians, Hispanics, &/or Asian Americans in the U.S.

### BUS 227 MULTICULTURAL BUSINESS  3 Units
(AIS 227 & BUS 227 are the same course.) Examines business topics requiring an understanding of culture. Includes cultural diversity in the workplace & the experiences of minorities in business.

### BUS 230 INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS  3 Units
An Introductory course designed to provide students with a fundamental knowledge of Mgmt. Info systems & their concepts including the use of Info systems for Mgmt. decision-making & the impact of Info systems on Mgmt.. Topics may vary as technology changes but the students will learn the tools of productivity (i.e. Excel) such as electronic spreadsheet, data base, & graphics.
PREREQ: SECOND-SEMESTER FRESHMEN OR CONSENT OF INSTRUCTOR

### BUS 242 BUSINESS ETHICS  3 Units
(BUS 242 & PHI 243 are the same course.) Critical discussion of ethical reasoning & moral values in business & industry; includes relevant case studies & readings.

### BUS 243 ECONOMIC AND BUSINESS STATISTICS  3 Units
(BUS 243 & ECO 243 are the same course.) Elementary theory & business application of statistical techniques, probability & normal distribution, hypothesis testing, analysis & interpretation of economic & business data, index numbers, regression & time series analysis & Chi squares.
PREREQ: A GRADE OF C OR BETTER IN MAT 105 OR 108 OR EQUIVALENT

### BUS 244 INTERNATIONAL BUSINESS  3 Units
This course focuses on the study of how businesses conduct their operations in the global economy. The political, legal, cultural, social & economic challenges confronting businesses in international markets will be examined. Topics covered include trade strategies, international business operations, international trade & financial theory & policy, foreign exchange markets & the theory of multi-national enterprises.
PREREQ: AN ECONOMICS COURSE OR CONSENT

### BUS 270 WOMEN IN BUSINESS  3 Units
Women in Business examines the opportunities, challenges & problems women encounter in pursuing a career in business. This course will consider the history of women as business owners & entrepreneurs, executives, managers & employees. We will also study socialization, the law, career planning, how families impact the workplace & differences & effects of gendered communication styles in business settings.

### BUS 294 INTERNSHIP IN BUSINESS OR ECONOMICS  Repeatable  1-3 Units
An internship providing students with opportunities to apply knowledge & skills learned in Business &/or Eco. courses to professional experiences while working in a business or non-profit organization. Students will work under the supervision of a Business & Eco. Department member & with a business or community staff member off-campus. Credit is based on hours employed & on instructor evaluation of student learning. Repeatable for a maximum of six credits.
PREREQ: PRIOR BUS OR ECO CLASS AND CONSENT OR INSTRUCTOR

### BUS 297 SPECIAL TOPICS  1-3 Units
Preq: Cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

### BUS 299 INDEPENDENT STUDIES  1-3 Units
Preq: Cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

### Business & Economics Interdepartmental (BEINDP)

#### Courses

**BEINDP 101 BUSINESS AND SOCIETY  3 Units**
An introductory business course intended to introduce all business majors to the business professions and the global societal issues that surround business. Curriculum focuses on the College’s mission statement of building professional leadership through cultural and diversity awareness, ethical responsiveness, innovative problem solving, and critical thinking.
PREREQ: BUSINESS MAJOR (STUDENTS IN BBA DEGREE) OR OTHER MAJOR OR MINOR FOR WHICH THIS COURSE IS AN OPTION

**BEINDP 200 INTRODUCTION TO INTERNATIONAL BUSINESS  3 Units**
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 288 CAREER INFORMATION 1 Units
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.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105; AND LOWER DIVISION BUSINESS ENROLLMENT REQUIREMENTS

BEINDP 290 BUSINESS WRITING 2 Units
This course will assist students in transitioning from academic writing to business writing. The course will teach students to effectively analyze communication situations and write business documents that are clear, complete, concise, and courteous. Business grammar, writing mechanics, and document format will be covered.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 AND STUDENTS MUST ACHIEVE 24 CREDITS AND MAINTAIN A 2.50 GPA OR BETTER IN ORDER TO TAKE LOWER DIVISION BUSINESS COURSES.

BEINDP 293 APPLIED BUSINESS BASICS Repeatable 1-3 Units
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 296 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.
Repeatable for a maximum of 6 credits in major/degree. Consent of instructor required.

BEINDP 298 INDEPENDENT STUDY 1-3 Units
Repeatable for a maximum of 3 credits in major/degree. Department Consent required.

BEINDP 305 HEALTH SERVICES SYSTEMS 3 Units
Healthcare Systems is an overview of the U.S. healthcare system. Emphasis is placed on the function and structure of the system in both the private and public sectors. Federal regulations, e.g. the Affordable Care Act, and the vocabulary necessary to understanding the operation of healthcare system are addressed.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

BEINDP 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

BEINDP 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

BEINDP 493 INTERNATIONAL BUSINESS INTERNSHIP Repeatable 1-12 Units
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.
PREREQ: RESTRICTED TO INTERNATIONAL EXCHANGE STUDENTS; ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

BEINDP 497 EXCHANGE STUDY Repeatable 1-12 Units

BEINDP 498 INDEPENDENT STUDY Repeatable 1-3 Units
Repeatable for a maximum of 3 credits in major/degree. Department Consent required.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

Chemistry (CHE) - Rock County

Courses

CHE 112 FOUNDATIONS OF CHEMISTRY 2 Units
Designed to prepare students with limited Sci. backgrounds for success in CHE 125, the CHE 145/155 sequence, or CHE 165. Through lectures & discussions, this course emphasizes fundamental chemical concepts, chemical nomenclature & problem-solving skills.

CHE 114 CHEMISTRY IN THE KITCHEN 4 Units
Cooking food is perhaps the oldest everyday example of humans doing Chem.. This course explores the Chem. of food at a beginning level, & presents concepts about the structure of molecules, interactions between molecules, & how foods change in the cooking process. Lab exercises are completed with materials used in a kitchen, & include activities such as measurement, phase change, denaturation, extraction, & energy studies. This course is not a suitable prerequisite for higher-level Chem. courses or pre-professional programs. Students may not earn more than 4 credits by taking any combination of CHE 114, CHE 121, CHE 123, or CHE 124. NW, LS.
PREREQ: MATH 141 OR MATH 140 OR MATH 139, OR WAIVER

CHE 121 CHEMISTRY AND SOCIETY LABORATORY 1 Units
Lab to accompany CHE 123. Three hours of Lab per week.
PREREQ: A GRADE OF C- OR BETTER IN CHE 123 OR CONCURRENT REGISTRATION OR CONSENT OF INSTRUCTOR

CHE 123 CHEMISTRY AND SOCIETY 3 Units
A course for non-Sci. majors that covers basic Chem. concepts in a social context. May include explorations of how Chem. impacts the Env., public health, energy policies, & other contemporary social issues. Consists of lectures & may also include discussions & demonstrations.

CHE 124 APPLIED CHEMISTRY AND SOCIETY 4 Units
A course for non-Sci. majors that covers basic Chem. concepts in a social context. May include explorations of how Chem. impacts the Env., public health, energy policies, & other contemporary social issues. Consists of lectures & laboratories & may also include discussions & demonstrations.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER
CHE 125 INTRODUCTORY CHEMISTRY 5 Units
A one-Sem. Introductory course in college Chem. including an Intro to organic Chem.. Consists of lectures, discussions, & laboratories. Primarily for students whose programs require only CHE 125 or the CHE 125/203 or CHE 125/204 combination.
PREREQ: RECOMMENDED DEMONSTRATED COMPETENCY AT MAT 105 LEVEL OR CONCURRENT REGISTRATION

CHE 145 GENERAL CHEMISTRY I 5 Units
For students whose programs require a year of college Chem. or who plan to take advanced courses in Chem.. One year of recent high school Chem., CHE 112, or another preparatory Chem. course is recommended, but not required. NS/LS Students must be enrolled in one lecture section (L001 or L002) & one LAB section (L041 L042 or L043) & one discussion (L061 L062 or L063)
PREREQ: RECOMMENDED DEMONSTRATED COMPETENCY AT MAT 105 LEVEL OR CONCURRENT REGISTRATION

CHE 155 GENERAL CHEMISTRY II 5 Units
The second Sem. of a one-year course in college Chem.. Consists of lectures, discussions, & laboratories. For students whose programs require a year of college Chem. or who plan to take further courses in Chem..
PREREQ: A GRADE OF C- OR BETTER IN CHE 145 AND DEMONSTRATED COMPETENCY AT THE MAT 110 LEVEL OF CONCURRENT MAT 110 REGISTRATION OR CONSENT OF INSTRUCTOR

CHE 165 CHEMISTRY FOR ENGINEERS 5 Units
A one-Sem. Chem. course for engineering students. Topics include measurements, atomic theory, stoichiometry, molecular structure, thermoChem., electroChem., solid state, material Sci., & organic Chem..
PREREQ: GRADE OF C- OR BETTER IN CHE 112 OR CHE 125 OR GRADE OF B OF HIGHER IN HIGH SCHOOL CHEMISTRY AND A GRADE OF C OR BETTER IN MAT 110 OR 124 OR PLACEMENT INTO MAT 221 BASED ON PLACEMENT TEST SCORES OR CONSENT OF INSTRUCTOR

CHE 203 SURVEY OF BIOCHEMISTRY 3 Units
A foundational course in the chemical makeup & metabolic processes of living organisms. Consists of lectures & may also include discussions & demonstrations. Together CHE 125 & CHE 203 constitute a year course with emphasis on organic & biological Chem..
PREREQ: A GRADE OF C- OR BETTER IN CHE 125 OR CHE 125 OR GRADE OF B OF HIGHER IN HIGH SCHOOL CHEMISTRY AND A GRADE OF C OR BETTER IN MAT 110 OR 124 OR PLACEMENT INTO MAT 221 BASED ON PLACEMENT TEST SCORES OR CONSENT OF INSTRUCTOR

CHE 204 APPLIED SURVEY OF BIOCHEMISTRY 4 Units
A foundational course in the chemical makeup & metabolic processes of living organisms. Consists of lectures & laboratories & may also include discussions & demonstrations. Together CHE 125 & CHE 204 constitute a year course with emphasis on organic & biological Chem.. CHE 204 is equivalent to the combination of CHE 203 & CHE 211.
PREREQ: A GRADE OF C- OR BETTER IN CHE 125 OR CHE 125 OR GRADE OF C- OR BETTER IN CHE 145 WITH CONSENT OF INSTRUCTOR OR CONSENT OF INSTRUCTOR

CHE 211 BIOCHEMISTRY LABORATORY 1 Units
Lab to accompany CHE 203. Three hours of Lab per week. This course is highly recommended for degree nursing students.
PREREQ: A GRADE OF C- OR BETTER IN CHE 125 OR CHE 125 OR CHE 145 WITH CONSENT OF INSTRUCTOR OR CONSENT OF INSTRUCTOR

CHE 214 PHYSIOLOGICAL CHEMISTRY 3 Units
Lectures & demonstrations on elementary aspects of organic & physiological Chem.; provided for students who have not had organic Chem.. For students interested in physical therapy.

CHE 250 REVIEW AND UPDATES IN CHEMISTRY AND BIOCHEMISTRY 3 Units
This course was designed specifically for the nursing consortium & is to be taken primarily by RNs already accepted into their BSN degree completion program. This course is not a substitute for the CHE 125/CHE 203 sequence required of students at the beginning of their academic careers, even if planning to enter the nursing profession. CHE 250 begins with a review of relevant topics in Chem., both general & organic, & then covers topics typical of a bioChem. course such as biological molecules, metabolism, Nut., protein function, & molecular Bio..

CHE 290 SPECIAL TOPICS IN CHEMISTRY 0 Units
Prereq: Cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

CHE 294 INTERNSHIP IN CHEMISTRY Repeatable 1-3 Units
An individually-arranged internship in an indoor or outdoor chemical Lab in academia, business, industry, or other organizations for students to gain practical experience as chemical researchers. The internship is intended for advanced students with prior college Chem. coursework. Students will work under the supervision of a department member & receive credit based on hours employed & completion of a final report summarizing how their experience reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.

CHE 299 INDEPENDENT STUDY IN CHEMISTRY Repeatable 1-3 Units
Prereq: Cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

CHE 343 ORGANIC CHEMISTRY I 3 Units
The first Sem. of a year course in organic Chem.. Consists of lectures & may also include discussions & demonstrations.
PREREQ: A GRADE OF C- OR BETTER IN CHE 155

CHE 351 ORGANIC CHEMISTRY LABORATORY PART I 1 Units
Three to four hours of Lab per week. The first Sem. of a year course in organic Chem. Lab.
PREREQ: CHEM 251

CHE 352 ORGANIC CHEMISTRY LABORATORY 2 Units
Basic Lab techniques for organic Chem. including commonly used synthetic methods, purification & characterization of reaction products. Six to eight hours of Lab per week. CHE 352 is equivalent to the combination of CHE 351 & CHE 361.
PREREQ: RECOMMENDED A GRADE OF C- OR BETTER IN CHE 363 OR CONCURRENT REGISTRATION, OR A GRADE OF C- OR BETTER IN CHE 343 OR CONSENT OF INSTRUCTOR

CHE 361 ORGANIC CHEMISTRY LABORATORY PART II 1 Units
Three to four hours of Lab per week. The second Sem. of a year course in organic Chem. Lab.
PREREQ: A GRADE OF C- OR BETTER IN CHE 351 OR CONSENT OF INSTRUCTOR

CHE 363 ORGANIC CHEMISTRY II 3 Units
Continuation of Organic Chem. I. Consists of lectures & may also include discussions & demonstrations.
PREREQ: A GRADE OF C- OR BETTER IN CHE 343 OR CONSENT OF INSTRUCTOR
PREREQ: CHEM 251
CHE 390  RESOURCES AND SUSTAINABILITY  3 Units
This course will investigate the many roles that natural resources play in society. We will examine the practical issues of how they are found, used, and disposed, as well as the broader concerns about how resources influence the modern world. We will take a global approach to critically analyze the scientific, economic, ecological, political and social implications of resource usage. By the end of the semester, you are expected to be able to integrate your and others thoughts on how society is impacted by its use of resources.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

Chemistry (CHEM)

Courses

CHEM 100  EVERYDAY CHEMISTRY  4 Units
A terminal course covering the basic concepts of chemistry and how they relate to our everyday lives. Chemistry concepts are covered at the particulate level and then connected to our macroscopic world. The lab provides deeper exploration and hands-on experiments. This course meets the General Education GL requirement and is designed primarily for non-national science majors.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER; REQUIREMENT MAY BE COMPLETED PRIOR TO ENROLLMENT.

CHEM 102  GENERAL CHEMISTRY I  5 Units
An introduction to chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state. This course is primarily designed for natural science, pre-health, and occupational and environmental safety majors needing two or more semesters of chemistry.
PREREQ: A GRADE OF C OR HIGHER IN MATH 139 OR MATH 141 OR MATH 142 OR WAIVER. MATH 142 MAY BE TAKEN CONCURRENTLY.

CHEM 104  GENERAL CHEMISTRY II  5 Units
This course, along with CHEM 102, forms the foundation of further chemistry studies. The topics covered include intermolecular forces, solutions, colligative properties, kinetics, equilibrium, acid-base theory and equilibria, thermodynamics, electrochemistry, and nuclear chemistry.
PREREQ: CHEM 102 WITH A C OR BETTER AND MATH 142 WITH A C OR BETTER

CHEM 112  CHEMISTRY FOR OCCUPATIONAL AND ENVIRONMENTAL APPLICATIONS  3 Units
This course will explore the bonding, structure, properties and reactivity of the main classes of organic compounds focusing on acid/base, redox, and radical reactions. The safety concerns of these reactions will be discussed and predicted by using chemical information found in online and text sources.
PREREQ: CHEM 102

CHEM 150  SCIENCE AND TECHNOLOGY IN SOCIETY  3 Units
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 139 OR MATH 140 OR MATH 141

CHEM 184  INTRODUCTION TO CHEMISTRY  1 Units
An introduction to career tracks and career opportunities in chemistry. This course will feature readings on different career possibilities in chemistry and visiting lectures by practicing chemists. Professional skills, identification of career tracks, and scientific and technical communication will be emphasized. One hour lecture per week.
PREREQ: DECLARED CHEMISTRY MAJOR OR PERMISSION OF INSTRUCTOR

CHEM 251  ORGANIC CHEMISTRY  3 Units
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 Units
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 260  INORGANIC CHEMISTRY  4 Units
CHEM 260 is an introduction to inorganic chemistry with emphasis on descriptive chemistry, bonding theories, acid-based theories, coordination chemistry and solid state chemistry.
PREREQ: CHEM 104

CHEM 261  ORGANIC CHEMISTRY LABORATORY  2 Units
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 Units
A continuation of CHEM 251. 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 AND CHEM 252 OR COREQ: CHEM 252

CHEM 270  INTRODUCTION TO GREEN CHEMISTRY  3 Units
A lecture course covering the principles and common methods of green chemistry. Topics will include: atom economy, reduction of amount and toxicity of waste from chemical processes, reduction of energy use in chemical processes, assuring safety in chemical processes.
PREREQ: CHEM 251 OR CHEM 112

CHEM 271  GREEN CHEMISTRY LABORATORY  1 Units
The principles of green chemistry will be illustrated in this lab course. Topics will include atom economy, reduction of quantity and toxicity of waste, alternative solvents, renewable feedstocks, catalysts, and reaction monitoring.
COREQ: CHEM 270
CROSS-LISTED: CHEM 458 AND BIOLOGY 458

CHEM 454 OR BIOLOGY 253 AND CHEM 251 OR CHEM 454 AND CHEM 251

EQUIVALENT) OR INSTRUCTOR CONSENT AND BIOLOGY 251 AND CHEM 251 OR
CROSS-LISTED: CHEM 352 AND PHYSICS 181 OR PHYSICS 141

CHEM 370 PHYSICAL CHEMISTRY 3 Units

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 house of lecture weekly. (Spring only)
PREREQ: CHEM 352, COREQ MATH 254 AND PHYSICS 181 OR PHYSICS 141

CHEM 371 PHYSICAL CHEMISTRY 3 Units

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 house of lecture weekly. (Fall only)
PREREQ: CHEM 352, COREQ MATH 254 AND PHYSICS 181 OR PHYSICS 141

CHEM 352 QUANTITATIVE ANALYSIS 5 Units

An introduction to volumetric, gravimetric and photometric techniques and fundamental methods of instrumental analysis. Three one-hour lectures and four hours of laboratory per week.
PREREQ: CHEM 104

CHEM 370 PHYSICAL CHEMISTRY 3 Units

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 AND BIOLOGY 251 AND BIOLOGY 253 AND CHEM 251 OR CHEM 454 AND CHEM 251 CROSS-LISTED: CHEM 456 AND BIOLOGY 456

CHEM 458 RESEARCH IN BIOCHEMISTRY 2 Units

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 456/ CHEM 456 CROSS-LISTED: CHEM 458 AND BIOLOGY 458

CHEM 460 ADVANCED INORGANIC CHEMISTRY 4 Units

A lecture course that continues CHEM 260: Introduction to Inorganic Chemistry. More detailed study of group theory, molecular orbital theory, and coordination chemistry. Advanced topics may include organometallic chemistry, bioinorganic chemistry and the application of inorganic chemistry to the environment.
PREREQ: CHEM 252, CHEM 260, CHEM 352 AND COREQ: CHEM 370 OR CONSENT OF INSTRUCTOR

CHEM 470 EXPERIMENTAL PHYSICAL CHEMISTRY 1 Units

A laboratory course in experimental physical chemistry. Experiments from various areas of physical chemistry will be performed. Three hours of laboratory per week. (Fall only)
COREQ: CHEM 370

CHEM 471 EXPERIMENTAL PHYSICAL CHEMISTRY 1 Units

Hands on experience with some experimental techniques of physical chemistry. Three hours of laboratory per week. (Spring only)
PREREQ: CHEM 252 AND CHEM 352

CHEM 471 INSTRUMENTAL DESIGN AND MAINTENANCE 1 Units

A laboratory course in experimental physical chemistry. Experiments from various areas of physical chemistry will be performed. Three hours of laboratory per week. (Fall only)
PREREQ: CHEM 252 AND CHEM 352

CHEM 480 INSTRUMENTAL METHODS OF ANALYSIS 4 Units

A survey of optical and electromagnetic determinations, separation methods and basic instrumentation as applied to chemical analysis. Three one-hour lectures and one three-hour laboratory period per week.
PREREQ: CHEM 252 AND CHEM 352

CHEM 481 TOPICS IN CHEMISTRY 1 Units

A course where students will use chemical and scientific literature, be introduced to the seminar concept, and participate in the study 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: DECLARED CHEMISTRY MAJOR COREQ: CHEM 370 OR CHEM 371

CHEM 482 INSTRUMENTAL DESIGN AND MAINTENANCE 1 Units

A laboratory course that provides hands-on experience in performing preventative maintenance on instrumentation. Students will study instrumental designs and gain troubleshooting skills. Laboratory instruments covered in this course include balances, IR, GC, GCMS, HPLC, AA, ICP, CVAFS, FS, NMR and UV-VIS.
PREREQ: CHEM 480

CHEM 483 ADVANCED INORGANIC CHEMISTRY 4 Units

A course 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 485 WORKSHOP Repeatable 1-4 Units

Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques.

CHEM 486 SUPERVISORY TEACHING AIDE Repeatable 1-2 Units

This course provides students with teaching experience in a college-level chemistry laboratory course they have previously taken. It includes instruction on how to best operate as a teaching aide and in depth instruction on the experiments and instrumentation used in that chemistry course.

CHEM 487 CHEMISTRY INTERNSHIP Repeatable 1-3 Units

Variable Topics
CHI 201 THIRD SEMESTER CHINESE 4 Units
Continues to develop students’ linguistic competence in Mandarin Chinese, adding vocabulary, common usage, and more complex grammatical structures. All four language skills are practiced: listening, speaking, reading, and writing. Besides developing learners’ communicative competence, it will enhance their knowledge of Chinese culture.
PREREQ: CHI 105 OR EQUIVALENT

CHI 205 FOURTH SEMESTER CHINESE 4 Units
Continuation of CHI 201, Int. modern Mandarin.
PREREQ: CHI 201 OR EQUIVALENT

CHI 215 ELEMENTARY CONVERSATION AND COMPOSITION 1-4 Units
May be taken concurrently with CHI 201 or by itself. Stresses practical application of theory learned in CHI 101, CHI 105, & CHI 201. Written & audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit.
PREREQ: CHI 105 OR EQUIVALENT

CHI 235 CHINESE CIVILIZATION 3 Units
This course aims to introduce students to China, one of the oldest continuous civilizations in the world. Culture has many layers that have formed over time, and by understanding each fundamental layer, deeper insight will be gained into where national culture was forged and where common behavior & attitudes have developed over time. An introduction to China's social & cultural history will provide students with a clearer understanding of where China has been, and where it is today. A foundation in Chinese civilization is important to equip students with the necessary knowledge to understand one of the most powerful players on the world stage. This course will provide a comprehensive political & historical overview of one of the most complex countries in the world.

CHI 291 SELECTED TOPICS IN CHINESE 2-3 Units
Cultural, literary or linguistic themes.

CHI 299 INTERMEDIATE INDEPENDENT READING 1-3 Units
Individual student(s) assigned readings, reports & papers on topic determined by instructor. One-on-one meetings to be arranged.
PREREQ: CHI 205 AND CONSENT

Chinese (CHINESE)

Courses

CHINESE 141 BEGINNING CHINESE I 4 Units
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 II 4 Units
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 4 Units
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

Chicano Studies (CHICANO)

Courses

CHICANO 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable two times for a maximum 6 credits in degree.
PREREQ: ENGLISH 101 OR ENGLISH 161

CHICANO 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

CHICANO 498 INDEPENDENT STUDY IN CHEMISTRY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

CHICANO 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 0.5-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

CHICANO 499 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable three times for a maximum of 9 credits.

Chemical (CHEM)

Courses

CHEM 494 CHEMISTRY SEMINAR Repeatable 1 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Units in this course may not be used to fulfill minor requirements in Chemistry.

CHEM 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable two times for a maximum 6 credits in degree.
PREREQ: ENGLISH 101 OR ENGLISH 161

CHEM 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

CHEM 498 INDEPENDENT STUDY IN CHEMISTRY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

CHEM 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 0.5-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

CHEM 499 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable three times for a maximum of 9 credits.
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 490 WORKSHOP Repeatable 1-3 Units**
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable

**CHINESE 491 TRAVEL STUDY Repeatable 1-3 Units**
Variable topics. Faculty-led courses abroad.

**CHINESE 493 INTERNSHIP IN CHINESE Repeatable 1-3 Units**
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.

**CHINESE 494 SEMINAR Repeatable 1-3 Units**
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

**CHINESE 496 SPECIAL STUDIES Repeatable 1-3 Units**
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

**CHINESE 497 EXCHANGE STUDY Repeatable 1-12 Units**
Variable topics. Repeatable.

**CHINESE 498 INDEPENDENT STUDY Repeatable 1-3 Units**
Study of a selected topic or topics under the direction of a faculty member.

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**Cl Business & Marketing Education (CIBME)**

**Courses**

**CIBME 245 TECHNOLOGY APPLICATIONS FOR BUSINESS TEACHERS 3 Units**
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)**

**CIBME 300 INTRODUCTION TO BUSINESS AND MARKETING EDUCATION 3 Units**
This course is designed to introduce business and marketing education majors to the professions structure, standards, issues, expectations, and career development procedures.

**PREREQ: BUSINESS EDUCATION MAJOR AND JUNIOR STANDING**

**CIBME 401 TEACHING PERSONAL FINANCE 3 Units**
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.

**CIBME 447 INFORMATION SYSTEMS FOR BUSINESS TEACHERS 3 Units**
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 MSBE STUDENTS**

**CIBME 470 DIRECTED OCCUPATIONAL PRACTICE 1-3 Units**
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.

**PREREQ: CIGENRL 461**

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**Coaching (COACHING)**

**Courses**

**COACHING 240 INTRODUCTION TO COACHING 2 Units**
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 Units**
This course is designed as an introductory course to the fundamentals of movement.

**PREREQ: PEPROF 271 OR BIOLOGY 120**

**COACHING 252 SPORTS PEDAGOGY: TEACHING AND COACHING SPORTS SKILLS 3 Units**
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 BASIC STRENGTH AND CONDITIONING FOR SPORTS 2 Units**
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 Units**
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 Units**
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 Units
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 341 ADVANCED TOPICS IN STRENGTH AND CONDITIONING  3 Units
The course teaches students how to design strength and conditioning programs for tactical populations, including military, police, fire, and rescue personnel. Additional topics include emerging training theories and modalities. Upon completion, students will be prepared to pursue a credential in tactical strength and conditioning facilitation.
PREREQ: COACHING 255

COACHING 342 PRINCIPLES OF OLYMPIC WEIGHTLIFTING  3 Units
This course introduces students to the fundamentals of Olympic weightlifting technique and program design. Designed primarily of students' specializing in strength and conditioning, the course explores the theoretical underpinnings of the Olympic weightlifting movements and its uses in athletic preparation and general fitness.
PREREQ: COACHING 255

COACHING 345 STRENGTH AND CONDITIONING PROGRAM DESIGN  3 Units
This course will teach students how to develop sport-specific strength and conditioning programs, with a specific emphasis on creation of periodized programs. Students will learn how to manipulate training variables across multi-year training cycles, in order to achieve peak performance in strength, speed, and endurance.
PREREQ: COACHING 255

COACHING 350 COACHING OF FOOTBALL  2 Units
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 Units
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 Units
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 Units
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 Units
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.
PREREQ: ABILITY SWIM AT THE INTERMEDIATE LEVEL

COACHING 356 COACHING OF WRESTLING  2 Units
This course is designed to provide the knowledge and skills essential to the coaching of competitive wrestling.

COACHING 359 COACHING OF VOLLEYBALL  2 Units
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 Units
This course is designed to provide the knowledge and skills essential to the coaching of competitive soccer.

COACHING 361 COACHING OF SOFTBALL  2 Units
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 ORGANIZATION AND ADMINISTRATION OF INTERSCHOLASTIC ATHLETICS  2 Units
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 AND 2 CREDITS IN COACHING 350-COACHING 361

COACHING 461 PREVENTION AND CARE OF ATHLETIC INJURIES  2 Units
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 Units
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 Units
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.
PREREQ: PSYCH 211 OR EQUIV AND CONSENT OF INSTRUCTOR

COACHING 470 PRACTICUM IN ATHLETIC TRAINING Repeatable 1-4 Units
A course designed to give the prospective student trainer actual experience in the training room, working with athletes.
PREREQ: COACHING 461 AND PEPROF 271 AND PEPROF 281

COACHING 480 LEGAL ASPECTS OF SPORT AND RECREATION ACTIVITIES  3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR
CROSS-LISTED: COACHING 480 AND RECREATN 480
Communication (COMM)

Courses

COMM 110  INTRODUCTION TO PUBLIC SPEAKING  3 Units
A basic course designed to help students increase their effectiveness in public speaking through classroom speeches. Emphasis is on research, preparation, organization, delivery, and visual aids, to enhance informative and persuasive speaking. The student will develop skills to communicate orally in clear, coherent language appropriate to purpose, occasion, and audience.

COMM 131  INTRODUCTION TO MASS COMMUNICATION  3 Units
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 Units
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 Units
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.

COMM 204  PUBLIC RELATIONS TACTICS II  3 Units
Instruction and practice in the theory, design, production and utilization of non-print media in the context of various public relations activities.

COMM 228  INTERPERSONAL COMMUNICATION  3 Units
Theory and exercises in interpersonal communication situations. Basic theory, self disclosure, listening, conflict, trust and other topics will be examined.

COMM 230  RADIO PRACTICUM  Repeatable  1 Units
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 TELEVISION PRODUCTION  Repeatable  1 Units
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 234  ELECTRONIC MEDIA ANNOUNCING  3 Units
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.

COMM 236  INTRODUCTION TO CINEMA  3 Units
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  VIDEO PRODUCTION I: FUNDAMENTALS OF VIDEO  3 Units
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  AUDIO PRODUCTION I: FUNDAMENTALS OF AUDIO  3 Units
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  3 Units
Study of the theory and techniques of public address with required presentation of speeches.

COMM 242  COMMUNICATION AND TEAM BUILDING  3 Units
This course is designed to demonstrate the importance of team building in today's work culture. Students learn how to create, participate in and lead successful working teams. The course will teach relationship building to foster interpersonal relationships and aid in conflict resolution.

COMM 249  GREAT MOMENTS IN CINEMA  3 Units
This course seeks to familiarize students with the industrial, cultural, and aesthetic history of cinema as an art form and as a social force.
COMM 258  VIDEO PRODUCTION II: MEDIA STORYTELLING  3 Units
This course will consist of advanced video and field production labor, lectures, outside reading assignments and exams. Each student will write, produce and direct a series of theme-based production assignments over the course of the semester, and strive to improve on video production skills first introduced in Video Production I: Fundamentals of Video.
PREREQ: COMM 238 AND (JOURNLSM 227 OR JOURNLSM 241 OR ENGLISH 376)

COMM 259  AUDIO PRODUCTION II: ADVANCED AUDIO TECHNIQUES  3 Units
An advanced level course that studies the utilization of audio in broadcast, recording, sound reinforcement and multi-media with an emphasis on critical listening and advanced audio production skills. Students critique and analyze existing works and produce related audio materials for various media.
PREREQ: COMM 239 AND (JOURNLSM 227 OR JOURNLSM 241 OR ENGLISH 376)

COMM 263  PRACTICUM IN FORENSICS Repeatable  1 Units
Participation in public address or interpretation events in intercollegiate contest situations. May be retaken.

COMM 275  ADVERTISING AND PUBLIC RELATIONS RESEARCH LITERACY  3 Units
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 276  EVENT PLANNING FOR COMMUNICATION PROFESSIONALS  3 Units
Special events are essential tactics used by communication professionals to reach key target audiences and engage them with the organization. The Event Planning for Communication Professionals course teaches students how to design and administer special events for communication. Students will learn to plan and implement events. They will learn to develop strategies and budgets and manage event activities.
PREREQ: COMM 110 ONE OF THE FOLLOWING: COMM 202, 228; ENGLISH 376; JOURNLSM 220, 227, 241; MAGD 150

COMM 285  SOCIAL MEDIA OPTIMIZATION & THE NEW WEB  3 Units
'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

COMM 293  AUDIO PRACTICUM Repeatable  1 Units
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 MUSED 290 OR CONSENT OF INSTRUCTOR CROSS-LISTED: COMM 293 AND MUSC 293

COMM 294  WEB VIDEO & THE GAME INDUSTRY - GAMEZOMBIE PRACTICUM Repeatable  3 Units
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

COMM 302  PUBLIC RELATIONS STRATEGIES  3 Units
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, RESTRICTED TO STUDENTS WITH A MAJOR OF COMMUNICATION W/PUBLIC RELATIONS EMPHASIS OR WITH A MINOR OF COMMUNICATION W/PUBLIC RELATIONS EMPHASIS

COMM 312  CRISIS COMMUNICATION  3 Units
This course is an introduction to theory and research in crisis communication. It focuses primarily on corporate and political discourse; occasionally, public image problems in other contexts will be addressed. Students will read, speak and write about theories and cases studies of crisis communication. Students will learn sound principles of crisis communication planning and will participate in crisis communication simulations.
PREREQ: COMM 202 AND COMM 203

COMM 321  NONVERBAL COMMUNICATION  3 Units
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: SOPHOMORE STANDING

COMM 322  LISTENING BEHAVIOR  3 Units
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.
PREREQ: SOPHOMORE STANDING

COMM 326  COMMUNICATION AND GENDER  3 Units
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. This course covers 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.
PREREQ: SOPHOMORE STANDING

COMM 327  INTRODUCTION TO CORPORATE COMMUNICATION  3 Units
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: SOPHOMORE STANDING
COMM 328 COMMUNICATION CONFLICT RESOLUTION 3 Units
This course provides a communications perspective of the nature and possible methods of resolution of conflict.
PREREQ: SOPHOMORE STANDING

COMM 331 PRACTICUM IN TELEVISION PRODUCTION AND DIRECTING Repeatable 1-3 Units
Participation of a program producer and/or director for television programming created for the University Cable Television System. Repeatable for a maximum of 4 credits in major/degree.
PREREQ: COMM 238 AND (JOURNLSM 227 OR ENGLISH 376) OR CONSENT OF INSTRUCTOR

COMM 338 VIDEO PRODUCTION III: CORPORATE AND COMMERCIAL MEDIA 3 Units
The course will consist of advanced video and field production labor, lectures, outside reading assignments and exams. Each student will write, produce and direct a series of corporate and commercial productions and learn the importance of oral communication and proper client relationships. Each student will strive to improve existing skills with field equipment, non-linear editing, advanced software programs, and multi-media presentations. The work in the course will primarily focus on individual project efforts, unless approved by the instructor.
PREREQ: COMM 258

COMM 339 AUDIO III: STUDIO PRODUCTION 3 Units
An applied course using the knowledge and skills necessary for professional audio production with an emphasis on studio recording and aesthetics. Concepts include signal flow, processing, microphone selection and placement, mixing and mastering. Students will produce multi-track recording projects.
PREREQ: COMM 259 OR CONSENT OF INSTRUCTOR

COMM 345 PERSUASION 3 Units
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 3 Units
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. CROSS-LISTED: COMM 346 AND MUSC 346

COMM 351 GAME STUDIES AND DESIGN 3 Units
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 CONSENT OF INSTRUCTOR

COMM 363 INTRODUCTION TO HEALTH COMMUNICATION 3 Units
This course provides an overview of health communication, with emphasis given to theory and research on social support messages. Factors that influence social support messages are examined in a variety of different contexts (e.g., relational, familial, support group, workplace, on-line).
PREREQ: SOPHOMORE STANDING

COMM 366 FAMILY COMMUNICATION 3 Units
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: SOPHOMORE STANDING

COMM 369 MEDICAL COMMUNICATION & HEALTH LITERACY 3 Units
Will familiarize students with common medical terminology, its usage, translating scientific jargon into everyday language for multiple target populations.
PREREQ: COMM 363 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR

COMM 372 SOCIAL MOVEMENTS AND PERSUASION 3 Units
This course examines how social movements accomplish change in our society. Using several case studies as examples, it explores communication and social movement theory perspectives and discusses the influence of social change communication strategies. The course explores such topics as the use of messaging to maintain movement momentum and the design of effective communication campaigns.
PREREQ: COMM 110 ONE OF THE FOLLOWING: COMM 202, 228; ENGLISH 376; JOURNLSM 220, 227, 241; MAGD 150

COMM 373 COMMUNICATING LEADERSHIP 3 Units
The purpose of this course is to introduce students to the study and practice of leadership from a communication perspective. Examination of leadership concepts and theories in organizational, group, and public contexts will illustrate the interactive process wherein leaders and followers are able to achieve collective goals. Students will analyze their personal leadership styles and develop leadership communication skills through case studies, self-assessments, projects and classroom exercises.
PREREQ: COMM 110

COMM 389 APPLIED WORKPLACE COMPETENCIES 3 Units
This advanced communication course emphasizes the demonstration and understanding of workplace competencies, such as developing successful writing and interviewing skills associated with finding employment, as well as demonstrating how to write and successfully complete professional goals. Other communication competencies linked with successful workplace practices are also covered.
PREREQ: COMM 228, COMM 327, COMM 363, JUNIOR STANDING, AND 2.5 GPA IN THE MAJOR QUALIFIER BLOCK (WHICH CONSISTS OF COMM 110 OR COMM 131, AND COMM 228, AND COMM 327)

COMM 402 PUBLIC RELATIONS PLANNING 3 Units
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 AND COMM 203 AND COMM 275 AND COMM 302 RESTRICTED TO STUDENTS WITH A MAJOR IN COMMUNICATION W/PUBLIC RELATIONS EMPHASIS OR WITH A MINOR IN COMMUNICATION W/PUBLIC RELATIONS EMPHASIS
COMM 417  COMMUNICATION AND NONPROFIT ORGANIZATION  3 Units
This course prepares students to better understand the traditional organizational frameworks and apply them in the nonprofit world. Specifically, the course will address communicating a strategic vision, stewardship, managing and understanding the relationships between boards and volunteers and staff, building and maintaining successful volunteer programs, event planning, fundraising and media and government relations through reading, lectures, case studies and a capstone project.
PREREQ: COMM 257, COMM 258 AND COMM 259

COMM 422  COMMUNICATION THEORIES  3 Units
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/SENIOR STATUS

COMM 424  CROSS CULTURAL COMMUNICATION  3 Units
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  COMMUNICATION TRAINING  3 Units
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, COMM 424, AND COMM 485

COMM 440  NEW COMMUNICATION TECHNOLOGIES  3 Units
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: COMM 110 OR COMM 111

COMM 463  APPLIED COMMUNICATION IN HEALTH AND WELLNESS  3 Units
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 424, AND COMM 485

COMM 464  HEALTH MESSAGE ADVOCACY AND ANALYSIS  3 Units
This course embraces a social justice perspective toward public health, and emphasizes the analytical, cross-cultural, health literacy and interpersonal skills students develop through the Corporate and Health Communication curriculum. Special attention is given to research-based tools students can use to assess and depict health-related risks in their communities.
PREREQ: COMM 363, COMM 424, AND COMM 485

COMM 485  COMMUNICATION RESEARCH METHODS  3 Units
An advanced-level undergraduate and graduate survey of methodologies and issues relevant to the practice of communication research.
PREREQ: JUNIOR/SENIOR STATUS

COMM 487  ELECTRONIC MEDIA CAPSTONE: SENIOR PROJECT  3 Units
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 STATUS AND COMM 258 AND COMM 259

COMM 490  WORKSHOP  1-6 Units
Variable topics. Group activity oriented presentations emphasizing `hands on` and participatory instructional techniques. Repeatable

COMM 491  TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

COMM 493C  INTERNSHIP IN COMMUNICATION Repeatable  1-3 Units
Professional experience in which the student who aspires to a career in the corporate and health industry works for an approved employer in his/her area of interest under the supervision of a professional in that field.

COMM 493E  INTERNSHIP IN ELECTRONIC MEDIA Repeatable  1-3 Units
Professional experience in which the student who aspires to a career in the electronic media industry works for an approved employer in his/her area of interest under the supervision of a professional in that field.

COMM 493I  PUBLIC RELATIONS INTERNSHIP Repeatable  1-3 Units
Professional experience in which the student who aspires to a career in public relations works for an approved employer in his/her area of interest under the supervision of a professional in that field.

COMM 493M  MAGD INTERNSHIP Repeatable  1-3 Units
The MAGD internship is a hands-on multimedia work experience that counts toward the Media Arts & Game Development Degree under the supervision of a professional in that field.

COMM 494  SEMINAR Repeatable  1-6 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

COMM 496  SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

COMM 497  EXCHANGE STUDY Repeatable  1-12 Units
Variable topics. Repeatable

COMM 498  INDEPENDENT STUDY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

COMM 499R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable  3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
Communications & Theatre Arts (CTA) - Rock County

Courses

CTA 101 INTRODUCTION TO INTERPERSONAL COMMUNICATION 3 Units
A course aimed at Introducing communication theory, increasing the student’s awareness of communication with others in one-on-one situations, & improving personal communication skills. Topics studied include perception, listening, nonverbal communication, language, & conflict Mgmt.

CTA 103 INTRODUCTION TO PUBLIC SPEAKING 3 Units
Study of the principles & techniques of effective speaking & listening in a variety of selected communication experiences.

CTA 105 APPLIED JOURNALISM-RADIO 1 Units
Practical application of the principles of writing, editing, & producing materials &/or presenting materials on the radio.

CTA 106 APPLIED JOURNALISM-TELEVISION 1 Units
Practical application of the principles of writing, editing, videotaping, & producing materials for &/or presenting materials on television.

CTA 110 LISTENING 0 Units
An Intro to the theories, research, behaviors, & skills associated with the process of listening. Application of content material will be explored & analyzed through classroom exercises & evaluations.

CTA 115 INTRODUCTION TO BUSINESS AND PROFESSIONAL COMMUNICATION 3 Units
An Intro to the principles of effective communication in business & professional settings. Topics studied include organizational culture, diversity, listening, verbal & nonverbal messages, conflict & negotiation, interviewing, communication networks & channels, teambuilding, & presentations.

CTA 130 INTRODUCTION TO THEATRE 3 Units
A study of the development of theatre as an art form. Emphasis is on the role of the audience & the understanding & appreciation of the nature of theatre, important plays, dramatic styles, & elements of a theatrical production.

CTA 131 THEATRE LABORATORY Repeatable 1 Units
Participation in theatrical production activities including directing, stage Mgmt., technical production, lighting, stage design, costuming, make-up, acting, & theatre Mgmt. It is possible to register in more than one section with cons. instr. Section 1: Acting Section 2: Technical Production Section 3: Theatre Mgmt.. AP This class will likely not meet during the times stated in the timetable. The instructor will set meeting times based on that Sem.’s theatrical production.

CTA 150 INTRODUCTION TO FILM 3 Units
Study of the history & development of film as a distinctive medium of communication, an art form & an industry. Students will be Introduced to a wide range of theoretical perspectives that have been applied to film in academic settings: these will include but are not limited to such concepts as narrative, genre, ‘mise en scene’, & star image.

CTA 201 INTRODUCTION TO MASS COMMUNICATION 3 Units
A Surv. course examining print, electronic & persuasive media from a historical & theoretical perspective. Media discussed include newspapers, magazines, books, radio, television, public relations, advertising & the Internet.

CTA 203 NEWS AND INFORMATIONAL WRITING 3 Units
Instruction & practice in written communication of factual materials under direct guidance of instructor. Emphasis is on writing for news media, but time is spent on procedures & techniques which are basic for all informational writing.
PREREQ: SATISFACTORY COMPLETION OF ENG 101 OR EQUIVALENT DOCUMENTATION OF LANGUAGE. TYPING PROFICIENCY RECOMMENDED.

CTA 204 NEWS REPORTING 3 Units
Emphasis on the gathering of news & interviewing. Field work in the community.
PREREQ: CTA 203 OR CONSENT

CTA 210 INTRODUCTION TO INTERCULTURAL COMMUNICATION 3 Units
An overview of how people communicate with people from other cultures. Communication behavior (both verbal & nonverbal) will be examined to determine their role in other cultures. Students will learn to communicate more competently with people from other cultures & ethnic groups.

CTA 218 POPULAR CULTURE IN THE MEDIA 3 Units
An Intro to the analysis & interpretation of Popular Culture as an academic discipline. The class will examine forms of advertisement & entertainment including print & TV ads, films, television, music, & music videos.

CTA 221 INTRODUCTION TO TELEVISION BROADCASTING 3 Units
The study of the principles & practices of contemporary television production & programming, including Lab work.

CTA 225 GENDER AND COMMUNICATION 3 Units
This course focuses on multilayered relationships between gender, communication, & culture. It explores the ways communication creates & perpetuates gendered identities & gendered interaction. It examines the ways mass, interpersonal, group, intercultural, & rhetorical communications are influenced by gender.
PREREQ: PREV COURSE CTA (COMMUNICATION AND THEATRE ARTS) OR GWS (WOMEN’S STUDIES) OR CONSENT OF INSTRUCTOR

CTA 230 LITERATURE AND PERFORMANCE 3 Units
This course is designed to enhance the appreciation of Lit. through reading, analysis, & performance. Students will find that sharing Lit. with an audience through performance is an effective & enjoyable means of experiencing the many genres of world Lit..

CTA 232 INTRODUCTION TO ACTING 3 Units
A studio Intro to the foundational techniques of acting, including the actor’s vocabulary & performance tools. Improvisation, performance exercises, & scene work used to develop freedom of self-expression & truthful communication skills.

CTA 235 INTRODUCTION TO STAGECRAFT 3 Units
Theories & techniques of stagecraft, such as set design & construction, scene painting, stage lighting, costuming, & make-up.

CTA 240 WORLD THEATRE AND PERFORMANCE 3 Units
World Theatre & Performance will Introduce students to multiple global perspectives expressed through the performing arts. Key genres & styles emerging from Asia, Africa, Latin America, the Middle East & Europe will be studied in depth by examining performance traditions as they transform in relation to changing historical & social conditions. Contemporary intercultural performances will also be analyzed to trace multiple histories of contingent cultural identities. By decentralizing West theatre, World Theatre & Performance will challenge students to enlarge their understanding of global politics & aesthetic practices.
PREREQ: A GRADE OF C OR BETTER IN ENG 102
Communicative Disorders (COMDIS)

Courses

COMDIS 240 HEARING AND SPEECH SCIENCE 4 Units
A study of the anatomy and physiology of the auditory system, physical acoustics, speech production, sound perception, and basic hearing and speech instrumentation.
COREQ: PHYSCS 130 OR PHYSCS 212 OR PHYSCS 240, OR CONSENT OF INSTRUCTOR

COMDIS 270 INTRODUCTION TO HUMAN COMMUNICATION AND DISORDERS 3 Units
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 Units
This course provides a basic understanding of phonetics and phonology from articulatory and physiological perspectives. 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 diverse populations (e.g., non-native or non-standard speakers).

COMDIS 278 ANATOMY AND PHYSIOLOGY OF HUMAN COMMUNICATION 3 Units
This course provides a basic understanding of the structures and functions involved in normal speech and language communication in humans.
COREQ: A COURSE IN BIOLOGY

COMDIS 355 LANGUAGE DEVELOPMENT & DISORDERS IN CHILDREN 3 Units
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 ED ADMISSION

COMDIS 371 INTRODUCTION TO CLINICAL PRACTICUM IN COMMUNICATIVE DISORDERS 3 Units
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 and clinical practice procedures, and gain an understanding of the responsibilities and professional issues associated with the practice of speech-language pathology across the lifespan. Students will obtain 25 guided observation hours.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 380 SPEECH AND LANGUAGE DEVELOPMENT IN CHILDREN 4 Units
In this course students will learn about the process and sequence of speech and language development in children from birth to school-age. Theories of language acquisition and the role of cognition, culture, context, and caregivers are discussed. Students will participate in a community-based learning experience working with linguistically and culturally diverse preschool children.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES COREQ: (EDFOUND 222 OR EDFOUND 230 OR PSYCH 331) AND (ENGLISH 281 OR CIGENRL 310), OR CONSENT OF INSTRUCTOR

COMDIS 385 FLUENCY 1 Units
This course provides introductory knowledge in normal and disordered speech fluency with a primary focus on the physiological bases of fluency disorders. Theoretical principles underlying the prevention, assessment and treatment of phonation and resonance problems across the lifespan are emphasized.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES, OR CONSENT OF INSTRUCTOR

COMDIS 266 GROUP DISCUSSION 3 Units
Study of the structure & dynamics of small groups. Topics include decision making, group behaviors, critical thinking, problem solving, & leadership in group interaction processes.

COMDIS 294 INTERNSHIP IN COMMUNICATION AND THEATRE Repeatable 1-3 Units
The Internship Programs course will provide students with an opportunity to apply knowledge & skills learned in Communication & Theatre Arts courses to professional &/or community-based situations at off-campus institutions. Students will prepare for the field work opportunity with appropriate texts provided by the faculty supervisor & schedule regular meetings with the faculty supervisor to evaluate progress. A detailed work journal & final paper reflecting on the academic relevance of the fieldwork are required. At the end of the Sem., the professor will evaluate the student's experience based on the work journal & final paper & assign a letter grade in consultation with the organization supervisor.
PREREQ: A MINIMUM OF 12 COMPLETED COURSE CREDITS AND AT LEAST 2.5 GPA AT DATE OF ENROLLMENT

COMDIS 298 Topics in Speech and Dramatic Arts 0 Units
The nature & subject of this course will be announced in the course schedule.
PREREQ: CONSENT OF INSTRUCTOR

COMDIS 325 GENDER AND COMMUNICATION 3 Units
This course focuses on multilayered relationships between gender, communication, and culture. It explores the ways communication creates and perpetuates gendered identities and gendered interaction. It examines the ways mass, interpersonal, group, intercultural, and rhetorical communications are influenced by gender.

COMDIS 349 CHILDREN'S THEATRE PRODUCTION 3 Units
Methods of directing, designing, & producing plays for the child audience. Examination of scripts & study of techniques in adapting children’s Lit. for the stage.

COMDIS 368 THEORY AND PRACTICE OF PERSUASION 3 Units
An examination of the theories, concepts, strategies and processes of persuasion and social influence. Practice and analysis will be applied to both interpersonal persuasion and communication campaigns in organization and political contexts.
PREREQ: RECOMMENDED ENG 102 OR CTA 103

COMDIS 410 INTERCULTURAL COMMUNICATION 0 Units
An overview of how people communicate with people from other cultures. Communication behavior (both verbal and nonverbal) will be examined to determine their role in other cultures. Students will learn to communicate more competently with people from other cultures and ethnic groups.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR
COMDIS 424 COMMUNICATION DISORDERS ACROSS THE LIFE SPAN 3 Units
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: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 426 NEURAL BASES OF SPEECH AND LANGUAGE 3 Units
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: ADMISSION TO UPPER DIVISION COMDIS COURSES, OR CONSENT OF INSTRUCTOR

COMDIS 460 PRACTICUM IN COMMUNICATIVE DISORDERS Repeatable 3 Units
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

COMDIS 472 ASSESSMENT IN COMMUNICATIVE DISORDERS 3 Units
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.

COMDIS 477 DISORDERS OF SPEECH PRODUCTION 3 Units
An introduction of the development of normal articulation and phonology and of the etiologies, diagnosis, and treatment of articulation and phonological disorders.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND COMDIS 380, OR CONSENT OF INSTRUCTOR

COMDIS 481 LANGUAGE DISORDERS IN CHILDREN 3 Units
This course is designed to provide students with an overview of language disorders in children, with an emphasis on emerging and developing language. This course will include the nature of developmental language impairments, causes of language impairments, and the issues involved in assessment and intervention for children with language disorders.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND COMDIS 380, OR CONSENT OF INSTRUCTOR

COMDIS 482 AUDIOMETRY 3 Units
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: ADMISSION TO UPPER DIVISION COMDIS COURSES, OR CONSENT OF INSTRUCTOR

COMDIS 483 AUGMENTATIVE AND ALTERNATIVE COMMUNICATION 1 Units
This course provides an overview of 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 supporting individuals using alternative and augmentative communication systems.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND (COMDIS 380 OR COMDIS 355), OR CONSENT OF INSTRUCTOR

COMDIS 484 AURAL REHABILITATION 2 Units
Aural rehabilitation is the study of the rehabilitation of individuals with hearing impairment. It includes the effects of hearing loss on perception, psychosocial aspects, and speech and language. Techniques for rehabilitation including amplification, counseling, speech reading, and auditory training will be emphasized.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND COMDIS 482, OR CONSENT OF INSTRUCTOR

COMDIS 485A PROFESSIONAL DEVELOPMENT SEMINAR 0.5 Units
This seminar will provide seniors majoring in communication sciences and disorders an opportunity to explore specific post-graduation plans. The seminar will support application development for a graduate program or related career field.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 485B CAPSTONE SEMINAR 1 Units
This seminar will provide seniors majoring in communication sciences and disorders an opportunity to reflect on their undergraduate experience and their preparation for entry into graduate programs or the workforce. Student will complete a written and oral capstone project.
PREREQ: ADMISSION TO UPPER DIVISION COMDIS COURSES AND SENIOR STATUS, OR CONSENT OF INSTRUCTOR

COMDIS 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

COMDIS 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

COMDIS 494 SEMINAR Repeatable 1-6 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.
PREREQ: JUNIOR STATUS OR CONSENT OF DEPARTMENT

COMDIS 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable
PREREQ: JUNIOR/SENIOR STATUS

COMDIS 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable Topics

COMDIS 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable
PREREQ: JUNIOR/SENIOR STATUS
COMDIS 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Computer Science (COMPSCI)

Courses

COMPSCI 162 COMPUTER APPLICATIONS 3 Units
A thorough introduction to commonly used computer applications, covering word processing, spreadsheets, data storage and retrieval, and presentation software. Students will learn the vocabulary of computing, the concepts of computing and problem solving, and how computer applications can be applied to a wide range of problems.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

COMPSCI 170 INTRODUCTION TO PYTHON PROGRAMMING 3 Units
An introduction to computational thinking and computer programming using the Python language, with applications in science, business, education, and other areas. Students will develop structured programs based on simple algorithms that involve input, output, mathematical operations, decisions, and loops. No previous programming experience is needed.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141, OR WAIVER

COMPSCI 172 INTRODUCTION TO JAVA 3 Units
This course teaches the essentials of object-oriented programming in Java. Students will learn to formulate algorithms, solve problems, and implement those solutions with a Java program that employs objects and classes. Students will be introduced to object-oriented design, class construction, methods and message passing, arrays, string processing, and file processing.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141, OR WAIVER

COMPSCI 174 INTRODUCTION TO C++ 3 Units
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, classes, and objects. Students will write moderately complex applications using C++.
PREREQ: MATH 141 WITH A GRADE OF C OR BETTER, OR MATH 139 WITH A GRADE OF B OR BETTER, OR WAIVER OF MATH 141, OR SCORE OF 3 OR HIGHER ON AP CS PRINCIPLES EXAM

COMPSCI 180 DATA SCIENCE FOR EVERYONE 3 Units
An introduction to data science and its implementation using the R language, with applications in natural and social science, public health and welfare, and other areas. Students will explore methods of data analysis and visualization and cultivate marketable data-literacy skills. No prior knowledge of statistics or programming is needed.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141, OR WAIVER

COMPSCI 181 INTRODUCTION TO DATABASE AND THE WEB 3 Units
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 139 OR MATH 141 OR WAIVER

COMPSCI 215 DISCRETE STRUCTURES 3 Units
The course offers a formal approach to the mathematics of Computer Science, including set theory, methods of proof, propositional logic, discrete probability, sequences, recurrence relations, introduction to graphs, and algorithmic analysis.
PREREQ: MATH 150 WITH A GRADE OF C OR BETTER, OR MATH 152 WITH A GRADE OF C OR BETTER, OR MATH 243, OR MATH 250

COMPSCI 219 ACCELERATED PROGRAMMING WITH JAVA 5 Units
This is an intense Java course, appropriate for those who need to accelerate in getting the undergraduate degree or removing deficiencies for graduate studies in computer science. Topics include data types and variables, conditional and loop statements, methods, arrays, classes/objects, interfaces, inheritance and polymorphism, exceptions, files, and graphical user interfaces.
PREREQ: COMPSCI 170 W/C OR HIGHER, OR SCORE OF 3 OR HIGHER ON AP CS PRINCIPLES EXAM, OR EQUIVALENT PROGRAMMING EXPERIENCE (AND INSTRUCTOR CONSENT), OR (MATH 142 OR MATH 143 OR MATH 152) W/C OR HIGHER, OR CONCURRENT REGISTRATION IN MATH 253

COMPSCI 220 INTERMEDIATE JAVA 3 Units
This course teaches more advanced topics in object-oriented program design and the Java programming language. Coverage includes multidimensional arrays, methods, error handling, strings, regular expressions, encapsulation, inheritance, polymorphism, generic types, program debugging and testing, database and file processing, event-handling, and graphical user interfaces.
PREREQ: (COMPSCI 172 OR (COMPSCI 174 AND CONSENT OF INSTRUCTOR)) AND (MATH 143 OR MATH 150 OR MATH 152), ALL WITH A GRADE OF C OR BETTER

COMPSCI 221 INTERMEDIATE PROGRAMMING IN C# 3 Units
This course introduces C#, a programming language that is widely used in software, web, game, and mobile development. Topics include basic syntax, classes, object-oriented programming (overloading, inheritance, polymorphism), multi-dimensional arrays, file input/output, recursion, lambda expressions, and LINQ. Basic software engineering knowledge including coding standards and testing will also be covered.
PREREQ: (COMPSCI 172 OR COMPSCI 174) AND (MATH 142 OR MATH 143 OR MATH 152), ALL WITH A GRADE OF C OR BETTER

COMPSCI 222 INTERMEDIATE C++ 3 Units
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 OR (COMPSCI 172 AND CONSENT OF INSTRUCTOR)) AND (MATH 143 OR MATH 150 OR MATH 152), ALL WITH A GRADE OF C OR BETTER

COMPSCI 223 DATA STRUCTURES 3 Units
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 structures and object-oriented design techniques, including inheritance and polymorphism, are applied to develop larger projects.
PREREQ: COMPSCI 220 WITH A GRADE OF C OR BETTER, OR COMPSCI 222 WITH A GRADE OF C OR BETTER
COMPSCI 271 ASSEMBLY PROGRAMMING 3 Units
This course covers the use of an assembly language based on the RISC processor architecture including writing, linking, and executing a program. Also covered are number systems, instructions for arithmetic and logical operations, memory access, loops, declaring variables, interrupts, machine language, segments, stacks, procedure writing, and file handling.
PREREQ: COMPSCI 172 OR COMPSCI 174

COMPSCI 290 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.
Instructor Consent required.

COMPSCI 296 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable. Instructor Consent required.

COMPSCI 310 INTERMEDIATE DATA SCIENCE 3 Units
This course introduces intermediate data science and its implementation using R and Python, with applications in natural and social science, public health and welfare, and other areas. Students will explore methods of data analysis, cleaning, simulation and visualization and machine learning. Prior knowledge of programming and statistical analysis is assumed.
PREREQ: COMPSCI 170 AND (COMPSCI 180 OR COMPSCI 220 OR COMPSCI 222) AND 1 COURSE IN STATISTICS (BIOLOGY 303 OR ECON 245 OR MATH 230 OR MATH 342 OR PSYCH 215 OR SOCIOLOGY 295 OR SOCWORK 250), OR PERMISSION OF INSTRUCTOR

COMPSCI 320 CONCEPTS OF PROGRAMMING LANGUAGES 3 Units
An exploration of the core concepts upon which all programming languages are built. Students will apply these concepts to write programs in several specialized programming languages, including functional and logic programming languages. Emphasis is placed upon evaluating the strengths and weaknesses of particular languages for various tasks.
PREREQ: COMPSCI 223 AND (COMPSCI 215 OR MATH 280)

COMPSCI 322 COMPUTER LANGUAGES AND COMPILERS 3 Units
In this course, we will study the process of translating computer programs into machine code that runs on a computer. Students will learn the structure and functionality of a compiler, program working versions of all parts of a simple compiler, and test the various parts of a simple compiler for bugs.
PREREQ: COMPSCI 223 AND COMPSCI 271

COMPSCI 332 INTRODUCTION TO ARTIFICIAL INTELLIGENCE 3 Units
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: COMPSCI 222 OR COMPSCI 220

COMPSCI 347 SCIENTIFIC COMPUTING 3 Units
This course provides the applied scientist with the basic tools needed to perform computing within a scientific context. The computational aspects focus on two major areas: (1) the development and implementation of numerical algorithms in computer programs, and (2) the analysis and visualization of complex data sets. Numerical methods covered include finding roots of nonlinear equations, solving linear systems, the eigenvalue problem, numerical integration, the initial value problem, and data fitting. The high-level computer packages used are Mathematic and Matlab.
PREREQ: MATH 253 WITH A C OR BETTER OR CONSENT OF INSTRUCTOR

COMPSCI 353 CYBERSECURITY LAW AND POLICY 3 Units
This course will provide students exposure to the key legal and policy issues related to cybersecurity. It includes such topics as data security laws and enforcement actions, cybersecurity litigation, anti-hacking laws, cybersecurity and corporate governance, privacy law, the Fourth Amendment, surveillance, and international cybersecurity law.

COMPSCI 354 INTRUSION DETECTION AND INCIDENT RESPONSE 3 Units
A blend of theoretical and practical knowledge on design and implementation of intrusion detection and incident response. Topics include intrusion prevention systems, anomaly and signature-based intrusion detection, host-based and network-based intrusion detection, tools for intrusion detection and response, automated and manual response to attacks, and legal/organizational issues of intrusion detection and incident response systems.
PREREQ: ITSCM 221 OR COMPSCI 271

COMPSCI 366 DATABASE MANAGEMENT SYSTEMS 3 Units
This course offers an introduction to the design and programming of databases and the implementation of database management systems from a computer science perspective. Contents include the relational model; SQL; database application development; and concepts and algorithms for building database management systems.
PREREQ: COMPSCI 223 OR CONSENT OF INSTRUCTOR

COMPSCI 381 JAVASCRIPT AND DHTML 3 Units
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 OR COMPSCI 174 OR EQUIVALENT PREPARATION AND CONSENT OF INSTRUCTOR

COMPSCI 382 SERVER-SIDE SCRIPTING 3 Units
Server-side scripting is key to processing web forms, as well as for automating a wide range of server tasks. This course will provide a thorough introduction to the Server-side scripting languages. Students will learn to create a data-driven web application that uses Structured Query Language (SQL) to access and update the information in a database.
PREREQ: COMPSCI 172 OR COMPSCI 174 OR EQUIVALENT PREPARATION AND CONSENT OF INSTRUCTOR

COMPSCI 412 COMPUTER ORGANIZATION AND SYSTEM PROGRAMMING 3 Units
Introduction to organization of modern digital computers - understanding the various components of a computer and their interrelationships. Study of systems programming in C/Linux.
PREREQ: COMPSCI 271 OR CONSENT
COMPSCI 424 OPERATING SYSTEMS 3 Units
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 223 AND COMPSCI 271

COMPSCI 433 THEORY OF ALGORITHMS 3 Units
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: COMPSCI 223 AND COMPSCI 215 OR MATH 280

COMPSCI 434 THEORY OF COMPUTATION 3 Units
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 OR COMPSCI 215

COMPSCI 448 BIOINFORMATICS 3 Units
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 WITH A GRADE OF C OR BETTER AND ONE OF THE FOLLOWING WITH A GRADE OF C OR BETTER: BIOLOGY 303, PSYCH 215, MATH 230, OR MATH 342
CROSS-LISTED: BIOLOGY 448 AND COMPSCI 448

COMPSCI 451 TOPICS IN APPLIED COMPUTING Repeatable 3 Units
This course covers emerging topics in modern applied computing. Sample topics include: new computing platforms, blockchain, machine learning, cloud computing, data mining and recommender systems, user modeling, and human-computer interaction. Repeatable with change in topic.
PREREQ: COMPSCI 223

COMPSCI 455 CRYPTOGRAPHY AND NETWORK SECURITY 3 Units
This course covers the fundamental cryptographic algorithms and security protocols for computer networks. Topics include security attacks and security services, classical ciphers, modern block and stream ciphers, public key cryptography, digital signatures, key management and distribution, authentication, and security network protocols. The class involves a significant amount of programming projects and assignments about cipher algorithms and security protocols.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 456 COMPUTER SYSTEM SECURITY 3 Units
General concepts and applied methods of computer system security, especially as they relate to confidentiality, integrity, and availability of information assets. Topics include system security analysis, access control and various security models, information flow, protection against external and internal threats, malware, and reverse engineering. This is a hands-on course, where you will learn by working on programming assignments and projects.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 460 COMPUTER NETWORKING 3 Units
This course introduces the principles, applications, protocols, and architectures of data networks. It places an equal emphasis on practical experience as well as theoretical foundations. There will be abundant network programming and lab activities around application layer, transportation layer, and routing.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 461 MOBILE COMPUTING ARCHITECTURE 3 Units
This course discusses fundamentals of wireless communication and mobile computing, and emphasizes the analysis and design of network architectures in support of mobility related services. It involves intensive critical thinking practices, programming, and hands-on experiments.
PREREQ: COMPSCI 223 AND COMPSCI 271 OR CONSENT OF INSTRUCTOR

COMPSCI 476 SOFTWARE ENGINEERING 3 Units
This capstone course introduces concepts and techniques relevant to the production of large software systems. Topics include: modularity; specification; data abstraction; object modeling; design patterns; and testing. Students work in groups to complete a significant software development project using concepts taught in this course and in prior Computer Science courses.
PREREQ: COMPSCI 223

COMPSCI 481 WEB SERVER AND UNIX ADMINISTRATION 3 Units
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 172 OR COMPSCI 174 OR EQUIVALENT PREPARATION AND CONSENT OF INSTRUCTOR

COMPSCI 482 ADVANCED WEB APPLICATION DEVELOPMENT 3 Units
This course will introduce students to popular technologies utilized in building database-driven Web applications. These include scripting languages (PHP, Ruby, JSP, .NET), Web application frameworks, Web application design patterns, Web services, databases, and security.
PREREQ: COMPSCI 381 AND COMPSCI 382 OR EQUIVALENT PREPARATION OR CONSENT OF INSTRUCTOR

COMPSCI 485 PROJECT Repeatable 1-3 Units
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: COMPSCI 223 AND CONSENT OF DEPARTMENT

COMPSCI 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing “hands on” and participatory instructional techniques. Repeatable. Instructor Consent required.
COMPSCI 493  INTERNSHIP IN COMPUTER SCIENCE  Repeatable  1-12 Units
S/NC grade basis only.

COMPSCI 494  SEMINAR  2 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

COMPSCI 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable. Instructor Consent required.

COMPSCI 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

COMPSCI 498  INDEPENDENT STUDY IN COMPUTER SCIENCE  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

COMPSCI 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

Computer Science (CPS) - Rock County

Courses

CPS 100  COMPUTERS AND SOCIETY  1-3 Units
Study of the functions of computers, their applications & the resultant social changes, both desirable & undesirable. Consideration of the values systems that are threatened as computer technology continues to expand. No programming required.

CPS 101  COMPUTER ORIENTATION  1 Units
An Intro to the campus computing set-up. Emphasis on what computers can do; using computers rather than programming them.

CPS 102  COMPUTER SCIENCE ORIENTATION  1 Units
This course is designed to help students interested in computer Sci. obtain necessary tools & background Info to become successful computer Sci. students & instructional technology workers. Possible topics covered include Info technology & computer-related curriculum, majors & careers, course transfer guidelines (TIS), history of computing, ethics, study skills, test taking & time Mgmt. skills & other current instructional technology topics.

CPS 103  COMPUTER FUNDAMENTALS  1 Units
An overview of computers, what they are & how they work. Typical topics include history, hardware, programming languages & operating systems, application software, communications, career opportunities & ethical issues. Also included is an Intro to the campus computing network.

CPS 104  COMPUTER FUNDAMENTALS II  1 Units
A continuation of CPS 103 with increased emphasis on advanced concepts. Typical topics include systems analysis/design/implementation, system security, MIS/decision support systems, computer applications in business & industry, structured design & programming, artificial intelligence, advanced application & future computer systems. PREREQ: CPS 103

CPS 105  COMPUTER APPLICATIONS  3 Units
Principles & use of computer applications including word processors, spreadsheets, & data bases. May also cover other applications such as telecommunications, graphics, Stat., simulations, or CAI. Does not include teaching of programming. Course may not be taken more than once for degree credit.

CPS 106  WORD PROCESSING AND PRESENTATION CONCEPTS  1 Units
Text entry, editing, manipulation, & presentation. Covers typical as well as many advanced procedures of word processing & presentation software. This course involves extensive hands-on experience.

CPS 107  SPREADSHEET CONCEPTS  1 Units
Typical features & application of electronic spreadsheets. This course involves extensive hands-on experience.

CPS 108  DATABASE CONCEPTS  1 Units
Creation of data files & data manipulation (editing, sorting, deleting, etc.). Report definition & generation. Accessing & searching of remote data bases. Includes extensive hands-on experience.

CPS 109  INTERNET APPLICATIONS  1 Units
Locating & evaluating Info using Internet services such as electronic mail, the World Wide Web, file transfer & on-line interest groups. Current social & ethical issues. Web page creation. Includes extensive hands-on experience.

CPS 110  INTRODUCTION TO COMPUTER SCIENCE  3 Units
How computers work, communicating with computers, areas of application & significance, simple Algebraic Language programming, elementary data processing & problem solving. Instruction & significant experience in BASIC. PREREQ: MAT 105 ANTIREQ: CPS 103 OR 130

CPS 120  INTRODUCTION TO E-COMMERCE  3 Units
(BUS 220 & CPS 120 are the same course.) This course will familiarize the student with the basics of e-commerce. Major topics include the basics of the internet, entrepreneurship, the creation of a business plan, financing, web site design, & e-business Mgmt.. Students will develop an understanding of e-commerce technology through exploring infrastructure & emerging technical issues in support of e-commerce.

CPS 130  INTRODUCTION TO PROGRAMMING  2 Units
The basics of programming in BASIC for beginners. Introductory Info on editing, program structure, data types, input, output, calculating, looping & selection. Short programs will be written & tested on a computer.

CPS 139  WEB PAGE DEVELOPMENT  2 Units
Development of web pages using HTML & Cascading Style Sheets. Intro to XML documents & XHTML standards. This course involves extensive hands-on experience.

CPS 149  FUNDAMENTALS OF WEB PROGRAMMING  2 Units
Intro to client-side Web programming. This course covers basic concepts of computer programming by developing interactive applications on the Web using a scripting language. PREREQ: CPS 139

CPS 216  PROBLEM SOLVING AND PROGRAMMING TECHNIQUES IN C+ +  4 Units
Program design using both modular & object-oriented methods. Topics covered to include stream I/O, recursion, multi-dimensional arrays, sorting & searching, pointers & dynamic memory allocation, classes & abstract data types, & operator overloading.
CPS 240 ADVANCED VISUAL BASIC 3 Units
Covers the user interface of Visual Basic & presents common programming structures. Advanced topics include object-oriented programming & accessing databases using Visual Basic.
PREREQ: CPS 110 OR CPS 130 OR CPS 216 OR CPS 245 OR CONSENT OF INSTRUCTOR

CPS 245 COMPUTER SCIENCE I: OBJECT-ORIENTED PROGRAMMING 4 Units
Introduces the fundamental concepts of programming from an object-oriented perspective. Topics include simple data types, control structures, an Intro to array & string data structures & algorithms, text & binary files, as well as the social implications of computing. The course emphasizes developing fundamental programming skills in the context of a language that supports the object-oriented paradigm.
PREREQ: MAT 110 OR CONCURRENT REGISTRATION OR CONSENT OF INSTRUCTOR

CPS 255 COMPUTER SCIENCE II: OBJECTS AND DATA ABSTRACTION 3 Units
Continues the Intro from CPS 245 to the methodology of programming from an object-oriented perspective. Through the study of object design, this course also introduces the basics of human-computer interfaces, graphics, & the implementation of fundamental data structures including lists, stacks, & queues. The course includes a significant software development Proj., with an emphasis on software engineering principles & debugging techniques.
PREREQ: CPS 245 AND MAT 110

CPS 256 C++ AS A SECOND LANGUAGE 2-3 Units
Program design using both procedural- & object-oriented paradigms in C++ for students who have significant experience with a previous language. Includes a review of basic structured program techniques in the context of C++. Topics also include multi-dimensional arrays, pointers & dynamic memory allocation, class creation, operator overloading, inheritance & object-oriented design.
PREREQ: COMPETENCY AT THE MAT 110 LEVEL AND 2 CREDITS OF A 200-LEVEL PROGRAMMING COURSE OTHER THAN C++ OR CONSENT OF INSTRUCTOR ANTIREQ: CPS 216

CPS 260 PROGRAMMING IN ASSEMBLY LANGUAGE 3 Units
An Intro to microcomputer assembly language programming & architecture for students with previous exposure to a high level language. Topics typically include machine instruction sets, interrupts, boolean logic, binary coding of numeric & alphanumeric data, arrays & input/output. Optional topics may include file access, macros, graphics & mixed language programming.
PREREQ: CPS 110 OR CPS 130 OR CPS 216 OR CPS 245 OR CONSENT OF INSTRUCTOR

CPS 265 COMPUTER SCIENCE III: ALGORITHMS AND DATA STRUCTURES 3 Units
Builds on the Intro to object-oriented programming begun in CPS 245 & CPS 255, but using a different language than that used in those courses. Data structure Surv.ed include hash tables, binary search trees, & graphs, as well as linked implementations of lists, stacks, & queues. Through iterative & recursive implementation of the fundamental algorithms on those data structures, the course introduces algorithm analysis & computational complexity.
PREREQ: CPS 255 AND MAT 211, 221 OR 230, OR CONSENT OF INSTRUCTOR

CPS 291 SPECIAL TOPICS 1-3 Units
In-depth treatment of subjects Introduced in other CPS courses. Choice of topics depends on student interest, staff & equipment availability. Typical topics include file handling, operating systems, social implications, simulation, Mgmt. tools, specialized languages, current technology, numerical methods, artificial intelligence & digital logic.
PREREQ: CONSENT OF INSTRUCTOR

CPS 294 INTERNSHIP IN COMPUTER SCIENCE Repeatable 1-3 Units
Internship or service learning Proj. partnering students with organizations in the community or on campus. The course should provide practical experience appropriate to the student's educational goals by applying knowledge & skills learned in previous CPS courses in our institution. Student & instructor should meet regularly to prepare for & evaluate experiences. This course should not be used to employ students as campus workers by substituting credit for wages. Repeatable for a maximum of six credits.
PREREQ: AT LEAST FOUR CREDITS OF PRIOR CPS COURSEWORK AND CONSENT OF INSTRUCTOR

CPS 299 INDEPENDENT STUDY IN COMPUTER SCIENCE 1-3 Units
Indp. study under the supervision of an instructor. The work may, for example, consist of advanced Lab investigation into a particular topic or library research & writing of a paper on some subject of interest.
PREREQ: CONSENT OF INSTRUCTOR

Counselor Education (COUNSED)

Courses
COUNSED 450 INTRODUCTION TO COUNSELING 3 Units
This is a survey course intended to introduce the student to the field of counseling and guidance. An overview of the purposes, procedures, and expected outcomes of counseling and guidance programs, the counselor's role and relationship to other functionaries will be dealt with.

COUNSED 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable

COUNSED 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

COUNSED 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

COUNSED 498 INDEPENDENT STUDY Repeatable 1-3 Units
Repeatable

Criminal Justice (CRIMJUS)

Courses
CRIMJUS 321 CRIMINAL INVESTIGATION 3 Units
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 Units
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 Units
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 STANDING
CROSS-LISTED: CRIMJUS 325 AND ANTHROPL 325

CRIMJUS 327 COMMUNITY CORRECTIONS & TREATMENT  3 Units
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 Units
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 CRIMJUS 321, OR CRIMJUS 325 OR CRIMJUS 496

CRIMJUS 377 SOCIOLOGY OF DRUGS AND CRIME  3 Units
This course examines the intersection of drugs and crime in U.S. society. This course utilizes social constructionist perspective as it pertains to both legal and illegal drugs. Through the use of the constructionist perspective, this class will explore how beliefs and realities about drugs are often socially created, how the laws and the control of drugs has been constructed and maintained, how culture and history influence perceptions of drugs and crime, and how societal norms, values and ideas concerning drugs are created and perpetuated.
PREREQ: SOCIOLOGY 276 OR CONSENT OF INSTRUCTOR

CRIMJUS 425 ADVANCED FORENSIC ANTHROPOLOGY: BIOARCHAEOLOGY, TRAUMA & PATHOLOGY  3 Units
The course is a practicum in forensic anthropology. Student 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. They will produce a forensic report and present it in a mock court situation.
PREREQ: CRIMJUS 325
CROSS-LISTED: CRIMJUS 425 AND ANTHROPL 425

CRIMJUS 491 TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.
PREREQ: AT LEAST SOPHOMORE STATUS AND 2.5 GPA

CRIMJUS 494 SEMINAR IN CRIMINAL JUSTICE Repeatable  3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.

CRIMJUS 496 SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

CRIMJUS 497 EXCHANGE STUDY Repeatable  1-12 Units
Variable topics. See Schedule of Classes.

CRIMJUS 498 INDEPENDENT STUDY Repeatable  1-3 Units
Department consent required. Repeatable

CRIMJUS 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

Curriculum & Instruction Field (CIFLD)

Courses
CIFLD 401 DIRECTED TEACHING - ALTERNATIVE PLACEMENT ELEMENTARY SCHOOL  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION

CIFLD 402 DIRECTED TEACHING - ALTERNATIVE PLACEMENT MIDDLE SCHOOL  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION

CIFLD 404 DIRECTED TEACHING - ALTERNATIVE PLACEMENT SECONDARY SCHOOL  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION

CIFLD 406 FIELD STUDY IN ESL/BILINGUAL EDUCATION-ELEMENTARY PLACEMENT  2 Units
Offered on a Satisfactory/No Credit basis only. Designed to give the student experience in working under the guidance of ESL or bilingual teachers in affiliated public schools in ESL or bilingual education. This course is for placements in elementary schools.
PREREQ: CIGENRL 403 OR CONSENT OF INSTRUCTOR

CIFLD 408 FIELD STUDY IN ESL/BILINGUAL EDUCATION-MIDDLE/HIGH SCH PLACEMENT  2 Units
Offered on a Satisfactory/No Credit basis only. Designed to give the student experience in working under the guidance of ESL or bilingual teachers in affiliated public schools in ESL or bilingual education. This course is for placements in middle or high schools.
PREREQ: CIGENRL 403 OR CONSENT OF INSTRUCTOR
This course analyzes the intersection of global forces and education through various frameworks, theories, and models. It examines the impact of globalization on everyday educational practices and the role education plays in shaping society. It introduces the processes, institutions, and forces by which schooling, and education in general, has been globalized and examines the impact of these forces on schooling/education.

**Curriculum & Instruction General (CIGENRL)**

**Courses**

**CIGENRL 241  GLOBALIZATION AND EDUCATION  3 Units**

This course analyzes the intersection of global forces and education through various frameworks, theories, and models. It examines the impact of globalization on everyday educational practices and the role education plays in shaping society. It introduces the processes, institutions, and forces by which schooling, and education in general, has been globalized and examines the impact of these forces on schooling/education.
CIGENRL 350  INTRODUCTION TO ESL AND BILINGUAL-BICULTURAL EDUCATION  3 Units
History, philosophy and rationale for ESL and bilingual/bicultural education. A study of the social, cultural, and psychological issues affecting learners for whom English is an additional language and who are considered "minorities" in the U.S. A focus on multicultural education as related to the teaching and learning of language minority students. CROSS-LISTED: CIGENRL 350, CIGENRL 550, ESL 350, ESL 550
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105

CIGENRL 354  CRITICAL PERSPECTIVES ON BILINGUAL LEARNERS IN SCHOOLS  3 Units
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.
PREREQ: CIGENRL 350/ESL 350

CIGENRL 403  ESL METHODS AND CURRICULUM  4 Units
ESL methods and curriculum 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. This course includes a field experience in the schools in addition to regularly scheduled class meetings.
PREREQ: CIGENRL 350/ESL 350, CIGENRL 310/ESL 310 AND CIGENRL 320/ESL 320 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: ESL 403, CIGENRL 403, ESL 603

CIGENRL 405  ASSESSMENT IN THE ESL/BILINGUAL CLASSROOM  3 Units
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. CROSS-LISTED: ESL 405, CIGENRL 405, CIGENRL 605
PREREQ: CIGENRL 403 OR ESL 403

CIGENRL 410  CURRENT TOPICS IN EDUCATION  Repeatable  1-3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
CROSS-LISTED: CIGENRL 410 AND EDFOUND 410

CIGENRL 455  TEACHING CONTENT IN THE BILINGUAL CLASSROOM  3 Units
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.
CROSS-LISTED: ESL 455 AND CIGENRL 655
PREREQ: CIGENRL 403 OR ESL 403
CROSS-LISTED: ESL 455 AND CIGENRL 655

CIGENRL 460  PRINCIPLES OF CAREER AND TECHNICAL EDUCATION  2 Units
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.

CIGENRL 461  ORG, ADMIN, AND COORDINATION OF WORK-BASED LEARNING PROGRAMS  3 Units
Study of career and technical education programs which utilize the internship/youth apprenticeship/cooperative method of instruction (i.e., work-based learning programs). 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 requirements for vocational certification.
PREREQ: CIGENRL 460

CIGENRL 470  STUDENT TEACHING SEMINAR  Repeatable  2 Units
Discussion and writing about practical issues of teaching as experienced in the full-time directed teaching semester. Incorporates presentations and panels by experienced educators as well as larger- and small-group interaction to promote reflection and inform beginning teachers. Repeatable.
COREQ: CIFLD 411 OR CIFLD 412 OR CIFLD 414; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

CIGENRL 479  DRAMA IN EDUCATION  3 Units
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 480  CAREER DEVELOPMENT STRATEGIES FOR STUDENT-ATHLETES  Repeatable  1 Units
Students will develop an understanding of career and professional development theories to shape personal career trajectory. Drawing from these theoretical underpinnings, students will complete developmental and behavioral assessments to inform intentional self-reflection. Students will utilize assessments to develop an understanding of how to successfully develop a professional network and employer relations strategy.

CIGENRL 489  EMPLOYMENT STRATEGIES  1 Units
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.

CIGENRL 490  WORKSHOP  Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable for a maximum of 9 credits in degree.

CIGENRL 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.
CIGENRL 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS

CIGENRL 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing hands on and participatory instructional techniques. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

CIGENRL 497 EXCHANGE STUDY 1-12 Units
Variable topics.

CIGENRL 498 INDEPENDENT STUDY Repeatable 1-4 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

CIGENRL 498R INDEPENDENT STUDY - R Repeatable 1-3 Units
Study of a selected topic or topics in undergraduate research under the direction of a faculty member. Repeatable.

Dance (DANCE)

Courses

DANCE 110 DANCE APPRECIATION 2 Units
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 Repeatable 2 Units
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.

DANCE 145 BALLET I Repeatable 2 Units
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 turnout. The class incorporates barre work, center combinations and locomotor movements across the floor. French terminology for movements learned. Offered each semester.

DANCE 155 TAP DANCE I Repeatable 2 Units
Tap Dance I is an introductory, experiential course in the techniques of Broadway and Rhythm Tap that would be viable for use in Musical Theatre and performance. Class participation utilizes problem solving and creativity in music-making and body percussion. A wide range of tap steps utilizing various rhythms and tempos will be introduced.

DANCE 161 JAZZ DANCE I - BEGINNING Repeatable 2 Units
Jazz I is a studio experiential class in beginning jazz dance technique. Exploration includes study of basic jazz movement that includes warm-up, phrases, turns, leaps and center combinations. Additional study in required text and viewing media.

DANCE 200 PRACTICUM - DANCE PERFORMANCE Repeatable 1 Units
This practicum is designed to allow students who are interested in dance to participate as performers in showings and performances. A student is expected to spend a minimum of 40 hours per unit in rehearsing and performing at times specified by the instructor. Offered every fall, students must be available to continue in spring.
PREREQ: AUDITION AND CONSENT OF INSTRUCTOR

DANCE 243 IMPROVISATION/SOUND Repeatable 2 Units
The creation of dance movement through the exploration and experimentation of a variety of stimuli as sources for movement experiences.

DANCE 244 CONTEMPORARY DANCE TECHNIQUE II Repeatable 2 Units
Further study of dance techniques on the intermediate level. Repeatable three times for a maximum of 6 credits in degree. Offered each spring*.
PREREQ: DANCE 141 OR CONSENT OF INSTRUCTOR

DANCE 246 BALLET II Repeatable 2 Units
Continuation of basic concepts learned in Ballet I with emphasis on more complex skills and combinations. It is highly recommended that students have at least 2 years of ballet training or two terms of DANCE 145. Repeatable four times for a total of 8 units in the degree. Offered each fall*.

DANCE 255 TAP DANCE II Repeatable 2 Units
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.

DANCE 261 JAZZ DANCE II INTERMEDIATE Repeatable 2 Units
Intermediate Jazz II is a studio experiential class in intermediate jazz dance technique. The class will cover a wide range of experiential learning that includes: correct physical alignment, warming up the body, jazz movement, turns, leaps, phrases, across-the-floor work all at the intermediate level. Additional study in required text and viewing media.
PREREQ: DANCE 161 OR CONSENT OF INSTRUCTOR

DANCE 320 COMPOSITION I (SOLO) Repeatable 3 Units
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.
PREREQ: DANCE 243

DANCE 346 BALLET III Repeatable 2 Units
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. It is highly recommended that the student have at least 4 years of ballet training or have completed DANCE 246. Repeatable four times for a total of 8 units in the degree. Offered each spring*.
DANCE 348 CONTEMPORARY DANCE TECHNIQUES III  Repeatable 3 Units
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 three times for a maximum of 9 credits in degree. Offered each fall.
PREREQ: DANCE 244 OR CONSENT OF INSTRUCTOR

DANCE 420 DANCE COMPOSITION II (GROUP) Repeatable 3 Units
A continuation of the elements of choreography concentrating on form with more complex approaches and depth of movement themes for duet, trio and group.
PREREQ: DANCE 320

DANCE 494 BALLET FOLKLORICO DANCE TECHNIQUE Repeatable 1-2 Units
Mexican Ballet Folklorico is a beginning dance technique that introduces students to traditional dances of Mexico’s diverse diasporic culture. Students engage with movement vocabularies, choreography and cultural understandings of Mexico’s marginalized connections historically and currently. This class will include discussions, readings, and viewing archival footage to critically analyze Mexico’s ideas of Mexicanidad and construction of the state through dance.

DANCE 496 SPECIAL STUDIES Repeatable 1-3 Units
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. Repeatable. Offered on demand. PREREQ: JUNIOR STATUS OR CONSENT OF DEPARTMENT

DANCE 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics

DANCE 498 INDEPENDENT STUDY IN DANCE Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

DANCE 499 DANCE PRODUCTION PROJECT Repeatable 1-3 Units
This course is designed to allow students who are interested in choreographing and staging a full-length dance concert, or its equivalent, choreographing for main stage productions such as the annual department dance concert, or choreographing for a musical. A student is expected to spend a minimum of 40 hours per unit in rehearsal and/or preparation.
PREREQ: CONSENT OF INSTRUCTOR

Developmental Education (DEVLPED)

Courses
DEVLPED 49 SPECIAL TOPICS 2 Units
A variety of topics will be taught

DEVLPED 50 STUDY/ACADEMIC SURVIVAL SKILLS 3 Units
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.

DEVLPED 60 COLLEGE LITERACY 3 Units
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.

DEVLPED 80 PASS (PARTNERSHIP FOR ACHIEVING STUDENT SUCCESS) WORKSHOP 1-3 Units
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 the 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 UW-Whitewater instructors.

Early Childhood (EARLYCHD)

Courses
EARLYCHD 212 NUTRITION AND HEALTH: EARLY CHILDHOOD 3 Units
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: RESTRICTED TO STUDENTS WHO HAVE DECLARED EARLY CHILDHOOD EDUCATION AS THEIR MAJOR AND WHO HAVE 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS II), ACT, SAT, OR GRE.

EARLYCHD 300 EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE Repeatable 12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file. PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 300A EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - PROGRAM DEVELOPMENT Repeatable 12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file. PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.
EARLYCHD 300B  EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - ADMINISTRATOR'S  Repeatable  12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 300C  EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - LEADERSHIP  Repeatable  12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 300D  EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - INFANT/TODDLER  Repeatable  12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 300E  EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - PRESCHOOL  Repeatable  12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 300F  EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - FAMILY CHILD CARE  Repeatable  12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 300G  EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - AFTER SCHOOL AND YOUTH  Repeatable  12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 300H  EARLY CHILD CARE AND EDUCATION - CREDENTIAL COURSE - INCLUSION  Repeatable  12-18 Units
This course is developed as a house for credits earned through credentials to meet requirements toward major for this program. For a Credential to be articulated into the Early Child Care and Education program, both transcripts showing student has passed all required courses with a C- or better and of Commission approval letter from The Registry must be on file.
PREREQ: FOR EACH CREDENTIAL CONSIDERED TO MEET PROGRAM REQUIREMENTS, STUDENTS MUST HAVE PASSED EACH COURSE WITH A C- OR BETTER AND HAVE BEEN VERIFIED BY THE COMMISSIONER ASSIGNED TO REVIEW THE STUDENT PORTFOLIO.

EARLYCHD 318  ECCE FIELD PLACEMENT AND REFLECTIVE SEMINAR  7 Units
This course gives students opportunities to use best practices for teaching in early childhood education while working with a mentor. PREQ: PROGRAM PERMISSION

EARLYCHD 319  ECCE LEADERSHIP INTERNSHIP AND REFLECTIVE SEMINAR  12 Units
This course gives students opportunities to use best practices for teaching in early childhood education while working with a mentor. PREQ: PROGRAM PERMISSION

Economics (ECO) - Rock County

Courses
ECO 101  INTRODUCTION TO ECONOMICS  3 Units
A study of economic systems & their interdependence in the global economy, with emphasis on problems & policies. Among the subjects included are competitive & non-competitive markets, gross domestic product determination & policy, the U.S. financial system, & global trade.

ECO 203  ECONOMICS-MACRO  3 Units
The emphasis of the course is on macro analysis & covers areas such as national income, commercial banking, business fluctuations, monetary & fiscal policies, & economic growth. Designed for students who desire a basic one-year course (with ECO 204) in Eco. PREQ: MAT 105 AND ENG 101 OR CONSENT OF INSTRUCTOR RECOMMENDED

ECO 204  ECONOMICS-MICRO  3 Units
Emphasizes the micro economic approach concerning households, firms, & market structures with a focus on price determination & distribution of income. Foreign trade & international financial institutions are included. PREQ: MAT 105 AND ENG 101 OR CONSENT OF INSTRUCTOR RECOMMENDED
ECO 209 UNDERSTANDING BUSINESS IN SOCIETY  3 Units
An exploration of how businesses make decisions that impact their firms, individuals, & society as a whole. Students learn & practice business concepts needed to make better decisions as employees, entrepreneurs, citizens, regulators, or researchers. Introduces fundamental economic principles & legal topics; emphasizes finance & accounting.
PREREQ: MAT 105

ECO 230 MONEY AND BANKING  3 Units
A study of the structure & operations of the commercial banking system & other financial institutions, central banking & monetary policy, monetary systems & their developments; theories of money, income & prices & their economic effect on the economy, impact of fiscal policy & international finance on monetary policy.
PREREQ: ECO 203 OR CONSENT OF INSTRUCTOR

ECO 243 ECONOMIC AND BUSINESS STATISTICS  3 Units
(BUS 243 & ECO 243 are the same course.) Elementary theory & business application of statistical techniques, probability & normal distribution, hypothesis testing, analysis & interpretation of economic & business data, index numbers, regression & time series analysis & Chi squares.
PREREQ: A GRADE OF C OR BETTER IN MAT 105 OR 108 OR EQUIVALENT

ECO 250 GOVERNMENT AND BUSINESS  3 Units
PREREQ: ECO 204

ECO 270 INTERNATIONAL ECONOMICS  3 Units
Intro to international trade & finance, including such topics as comparative advantage, trade restrictions, international trade organizations, foreign exchange markets & exchange rates, balance of payments, the international monetary system, & factor & capital mobility.
PREREQ: ECO 203 AND ECO 204

ECO 297 SPECIAL TOPICS  Repeatable  1-3 Units
Prereq: cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

ECO 299 INDEPENDENT STUDIES  Repeatable  1-3 Units
Prereq: cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

ECO 342 ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS  3 Units
This is a Surv. course focusing on reasons for pollution & natural resource misallocation, including property rights, externalities, & public good problems. Microeconomic analysis is applied to Env.al protection & natural resource Mgmt. with consideration of the equity & efficiency implications of public policy. Emphasis is placed on the valuation of Env.al benefits & costs, Eco. of renewable & nonrenewable natural resources as well as analysis of global Env.al issues such as population, climate change, deforestation, the oceans, & the atmosphere.
PREREQ: ECO 204

ECO 370 INTERNATIONAL ECONOMICS  3 Units
This course examines both international trade and international finance. In international trade, students will explore international trade theories, regulations, policies, and arrangements. In international finance, students will explore theories of balance of payments, foreign exchange rate markets, exchange rate, international adjustment mechanisms and open economy macroeconomics.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR; AND ECO 203 OR ECO 204

Economics (ECO)

Courses

ECO 201 PRINCIPLES OF MICROECONOMICS  3 Units
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: A GRADE OF C OR BETTER IN EITHER MATH 139 OR MATH 142
UNREQ: ECON 213

ECO 202 PRINCIPLES OF MACROECONOMICS  3 Units
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

ECO 213 ECONOMICS FOR TEACHERS  3 Units
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 STATUS UNREQ: ECON 201

ECO 245 BUSINESS STATISTICS  3 Units
PREREQ: (MATH 143 OR MATH 152 OR MATH 243 OR MATH 250 OR MATH 253) AND LOWER LEVEL BUSINESS REQUIREMENT

ECO 301 INTERMEDIATE MICROECONOMIC ANALYSIS  3 Units
PREREQ: ECON 202 AND MATH 243 OR MATH 250 OR MATH 253 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 302 INTERMEDIATE MACROECONOMIC ANALYSIS 3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 345 ECONOMETRICS 3 Units
The second course in statistics is a course in applied regression analysis with particular emphasis on economic analysis. It begins with a review and extension of descriptive statistics, probability and statistical inference as presented in Business Statistics before going on to a detailed treatment of simple and multiple regression.
PREREQ: ECON 245 AND MATH 243 OR MATH 250 OR MATH 253 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 346 DATA MANAGEMENT AND HANDLING 1 Units
This course introduces students to the use of data handling and data management in Stata. Much of the course will be hands on and will show students how to manage and manipulate data so that it is ready for analysis.
PREREQ: ECON 245 OR EQUIVALENT

ECON 352 ECONOMICS OF DISCRIMINATION 3 Units
This course analyzes the experiences of ethnic minorities and women in the United States economy, extending traditional and nontraditional interpretations of economic issues to the unique experiences of these groups. Economic tools will be developed and applied to such topics as: Labor Force Participation; Wage Determination; Occupational Choice and Segregation; Comparable Worth; Poverty; and the Criminal Justice System.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 353 ECONOMICS OF LABOR MARKETS AND POLICIES 3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 354 MONEY AND BANKING 3 Units
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 202 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

ECON 356 PUBLIC FINANCE 3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 359 COMPARATIVE ECONOMIC SYSTEMS 3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 360 GROWTH AND DEVELOPMENT IN THE WORLD ECONOMY 3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 364 THE MICROECONOMICS OF BANKING 3 Units
Understanding and evaluating risk in its various forms is a critical skill in economics. This course will cover institutional details of financial institutions and develop tools to analyze, measure and manage different types of risks associated with these institutions.
PREREQ: ECON 245 AND (MATH 243 OR MATH 250 OR MATH 253) AND (ADMISSION TO UPPER DIV AND 2.50 COMBINED CUM GPA FOR BUSINESS MAJORS) OR (60 UNITS AND 2.00 COMBINED CUM GPA FOR MINORS/NON-BUSINESS MAJORS) NOT OPEN TO FINANCE MAJORS OR FINANCE MINORS

ECON 401 INTERNATIONAL ECONOMICS 3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 402  BUSINESS CYCLES  3 Units
PREREQ: ECON 202 AND MATH 243 OR MATH 250 OR MATH 253 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 404  HISTORY OF ECONOMIC THOUGHT  3 Units
A study of the development of economic ideas, with emphasis on classical, neo-classical, socialist, Keynesian and institutional schools of thought.
PREREQ: ECON 202 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 406  INTERNATIONAL FINANCE AND BANKING  3 Units
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 (FORMERLY 211) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 413  ADVANCED ECONOMIC ANALYSIS  3 Units
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 202 AND (MATH 243 OR MATH 250 OR MATH 253 OR CONSENT OF INSTR); ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUS MAJORS OR 60 UNITS AND 2.00 COMBINED GPA FOR MINORS/NON-BUSMAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 431  ECONOMICS OF GLOBALIZATION  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 437  MANAGERIAL ECONOMICS  3 Units
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 (FORMERLY 212) AND ECON 245, AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 438  URBAN REGIONAL AND TRANSPORT ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 441  INDUSTRIAL ORGANIZATION AND COMPETITIVE STRATEGIES  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 442  GAME THEORY  3 Units
Game Theory is the study of interactive decision-making that involves more than one person, each of whom is affected by the decisions of others. This course provides an introduction to the tools and insights of Game Theory accompanied by applications in economics, political science, business, and finance.
PREREQ: ECON 201 AND ADMISSION TO UPPER DIVISION AND 2.5 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 444  ECONOMICS OF HEALTH CARE  Repeatable  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 445  ECONOMICS OF GAME THEORY  Repeatable  3 Units
Economics of Game Theory is concerned with the study of strategic interactions between agents, and the optimization of joint outcomes in settings with multiple decision makers. The course uses the tools and techniques of economic analysis to solve games involving multiple agents, and to analyze the strategic interactions between agents in various settings.
PREREQ: ECON 201 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ECON 446  ADVANCED ECONOMETRICS  3 Units
Advanced Econometrics introduces students to advanced techniques in modeling. The course students will study applied methods for model selection, implementation, and inference for cross-sectional, time series, and panel data. The major emphasis will be on understanding these models from an intuitive perspective and estimating these using computer programs.
PREREQ: ECON 345 WITH C+ OR BETTER; ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 471  NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS  3 Units
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 (FORMERLY 212) AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 489  ECONOMICS SENIOR CAPSTONE  3 Units
The Economics Capstone is a course for seniors soon to graduate with an Economics degree. Students will reflect on their previous education and demonstrate proficiency in program learning objectives. Student work will center on the production of a substantial high-quality thesis on a student-chosen topic of economic interest.
PREREQ: ECONOMICS BBA OR BA/BS MAJOR; COMPLETION OF OR CONCURRENT REGISTRATION IN ECON 301, 302, AND 345; SENIOR STATUS; AND CONSENT OF INSTRUCTOR

ECON 490  WORKSHOP Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 493  INTERNSHIP IN ECONOMICS  1-3 Units
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. Instructor Consent required.
PREREQ: ECON MAJORS OR MINORS; ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 494  SEMINAR IN ECONOMICS Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable. Instructor Consent required.
PREREQ: JUNIOR STATUS AND AN ECON MAJOR OR MINOR, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 496  SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the major or 6 credits in the degree.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 497  EXCHANGE STUDY Repeatable  1-12 Units
Variable topics.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ECON 498  INDEPENDENT STUDY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

Ed Foundations Practicum (EDFNDPRC)

Courses
EDFNDPRC 210  INTRODUCTION TO EDUCATION AND TEACHING  3 Units
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.
PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONCURRENT ENROLLMENT IN EDFOUND 243 AND [ONE OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE]. OR CONS OF DEPT

EDFNDPRC 411  LIBRARY PRACTICE  3 Units
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 CONSENT OF INSTRUCTOR
Education (EDU) - Rock County

Courses

EDU 201 CONCEPTS, ISSUES, AND FIELD EXPERIENCE IN EDUCATION 3 Units
Classroom discussion (two hours per week) of educational principles, concepts, & issues related to student-teacher-school-community interactions, including developmental aspects, sociocultural influences, & human relations. Off-campus experience involving active participation in the program at an educational institution (four hours per week of off-campus experience will usually be required, but number may vary with current DPI & 4-year campus requirements.)
PREREQ: PSY 201 OR 202 WITH A GRADE OF C- OR BETTER, OR CONSENT OF INSTRUCTOR

EDU 202 PERSONAL PORTFOLIO PREPARATION FOR EDUCATION MAJOR 1 Units
Personal Portfolio Preparation for Education Majors: Provides direct instruction on professional portfolio preparation for Education majors seeking admission to professional schools of education at a baccalaureate institution. Consistent with the particular requirements for Admission I status, the course provides the opportunity for successful admission to the transfer student.
PREREQ: EDU 201

EDU 211 SPECIAL TOPICS IN EDUCATION 1-3 Units
Specific topic to be announced in campus course schedule.

EDU 220 EDUCATION IN A PLURALISTIC SOCIETY 3 Units
This course is designed to prepare students to be competent teachers in a pluralistic society. Current theory & research on the major issues confronting educators in a pluralistic society will be explored: immigration, poverty, issues particular to Native Americans, African Americans, Hispanic Americans & other culture/ethnic groups, exceptionality, sexual orientation, religion & other special interest groups. Students in this course will have contact with students, colleagues, parents, & agencies representing different cultures, ethnicities & alternative lifestyles. The knowledge base & rationale for this course is specified in the Wisconsin Department of Public Instruction PI 34.15 (4) & s 118.19 statutory requirements for Teacher Education & Licensing.

EDU 230 EDUCATIONAL PSYCHOLOGY 3 Units
A study of the developmental process in children in the context of psychological principles of teaching & learning. Emphasis will be placed on understanding the social, emotional, physical, & intellectual development of children & adolescents. Attention will be directed toward the nature & conditions of learning, including the major types of learning, critical aspects of learning, & the problems encountered in fostering & directing learning.
PREREQ: PSY 201 OR PSY 202 OR EDU 201 WITH A GRADE OF C- OR BETTER, OR CONSENT OF INSTRUCTOR

EDU 265 WOMEN AND EDUCATION 3 Units
(EDU 265 & GSW 265 are the same course.) An intro to the theories & practices of educating girls & women. Traditional & feminist perspectives on developmental models of learning, early childhood through adult education, curricular issues, & feminist pedagogy will be studied & critiqued.

EDU 283 LITERATURE FOR CHILDREN 3 Units
Folk Lit. including the fairy tale, fable, myth, epic, & tall tales. Emphasis on modern fanciful & realistic fiction, traditional & modern poetry, & ways of presenting Lit. to children.
PREREQ: A GRADE OF C OR BETTER IN ENG 102

EDU 300 THE EXCEPTIONAL INDIVIDUAL 3 Units
The Exceptional Individual: The purpose of this course is to educate & prepare students to understand & work with individuals with disabilities within schools by providing accurate info about disabilities & current best practices in education. Emphasis will be placed on understanding historical, legal, & philosophical frameworks; defining categories of disability; describing legal & ethical perspectives; how issues of accessibility in educational & social arenas affect people with disabilities; learning the role disability plays in the lives of families; becoming familiar with label criteria for disabilities; & the examination of how the referral/placement processes can either discriminate against marginalized populations or facilitate inclusion.
PREREQ: PSY 201 OR 202 (GRADE OF C- OR BETTER OR CONSENT OF INSTRUCTOR); EDU 201 AND EITHER PSY 250 OR PSY 360 RECOMMENDED

Education Interdepartmental (EDUINDP)

Courses

EDUINDP 211 INTRODUCTION TO EARLY CHILDHOOD EDUCATION 2 Units
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: RESTRICTED TO STUDENTS WHO HAVE DECLARED EARLY CHILDHOOD EDUCATION AS THEIR MAJOR AND WHO HAVE 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS II), ACT, SAT, OR GRE.

EDUINDP 212 WORKING WITH CHILDREN AND FAMILIES IN A DIVERSE SOCIETY 3 Units
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 focus 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 relate to family strengths and needs.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 213 DEVELOPMENT OF THE YOUNG CHILD 3 Units
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: RESTRICTED TO STUDENTS WHO HAVE DECLARED EARLY CHILDHOOD EDUCATION AS THEIR MAJOR AND WHO HAVE 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS II), ACT, SAT, OR GRE.
EDUINDP 214 OBSERVATION AND REFLECTION IN HEAD START  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 215 ART IN THE EARLY YEARS  3 Units
An introduction to the role and purpose of visual experience 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 250 RACE AND RACISM IN SCHOOLS  3 Units
This course is an interdisciplinary investigation of the historical, ideological, structural, institutional, cultural, and individual manifestations of race and racism in schools. The course also explores the theoretical lens of Critical Race Theory, and offers specific language and concepts with which to understand and discuss racism. Finally, the course explores race as a power dynamic embedded in the structure of schools as a social institution in the United States.
PREREQ: ENGLISH 101 WITH A C OR BETTER

EDUINDP 312 MATHEMATICAL PROBLEM SOLVING THROUGH STEAM STRATEGIES  2 Units
Through this two credit course, students from will develop a rationale and strategies for using math as part of an integrated STEAM approach to solving authentic and meaningful problems with children from birth through five years old.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION AND COMPLETION OF MATH 147 WITH A C OR HIGHER

EDUINDP 319 GUIDING YOUNG CHILDREN I  2 Units
This course is designed to provide pre-service teachers with a foundational understanding of social emotional development, understand causes of challenging behaviors, strategies for teaching self-regulation, promoting positive peer interactions, plan for environmental considerations, understand classroom behavior management, and plan implementation of classroom management interventions strategies.
PREREQ: SUCCESSFUL COMPLETION OF ALL PRIOR EARLY CHILDHOOD EDUCATION CLASSES.

EDUINDP 320 INTEGRATED CURRICULUM FOR CHILDREN: AGES 3-5  3 Units
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: PROFESSIONAL ED ADMISSION

EDUINDP 321 GUIDING YOUNG CHILDREN II  2 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION, EARLY CHILDHOOD EDUCATION PROGRAM AND EDUINDP 319

EDUINDP 322 WORKING WITH INFANTS, TODDLERS AND THEIR FAMILIES  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 323 REFLECTIVE SEMINAR: EXPLORATION OF ISSUES IN EARLY CHILDHOOD EDUC  2 Units
In this course pre-service teachers 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.
PREREQ: DECLARED EARLY CHILDHOOD EDUCATION MAJOR

EDUINDP 331 DIRECTED TEACHING A: INFANTS AND TODDLERS  6 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 332 REFLECTIVE SEMINAR: APPLICATION OF ISSUES IN EARLY CHILDHOOD EDUCATION  1 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM
ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 333 AUTHENTIC ASSESSMENT OF YOUNG CHILDREN 3 Units
This class is designed to assist candidates in acquiring skills related to informal assessment. These skills include the ability to use a variety of observation strategies, apply functional assessment strategies, use play-based and other criterion-referenced instruments, and develop and implement program evaluation strategies. Students will acquire the ability to link assessment results with IEP/IFSP processes. PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL EDUCATION

EDUINDP 334 CHILDREN'S LITERATURE AND LANGUAGE ARTS: AGES 3 THROUGH 8 3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL EDUCATION

EDUINDP 410 CREATING PROFESSIONAL DEVELOPMENT PLANS 1 Unit
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 documentation, each participant will write a compelling goal(s) that drives the writing of the professional development plan 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 the 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.

EDUINDP 412 VERIFICATION OF THE PROFESSIONAL DEVELOPMENT PLAN 1 Unit
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.

EDUINDP 442 PLANNING FOR INDIVIDUAL NEEDS 3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL EDUCATION

EDUINDP 443A FIELD STUDY: KINDERGARTEN (4K OR 5K) Repeatable 1 Unit
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. 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 443B FIELD STUDY: SPECIAL EDUCATION (3 THROUGH 8) 1 Unit
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. 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 443C FIELD STUDY: EARLY ELEMENTARY (1ST THROUGH 3RD GRADE) 1 Unit
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. 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 Units
This three-credit course will help students learn how to assess mathematical skills in young children from kindergarten through 3rd grade as well as 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 intended for children early elementary grades.
PREREQ: ADMISSION TO EARLY CHILDHOOD EDUCATION MAJOR

EDUINDP 451 REFLECTIVE SEMINAR: CAPSTONE SEMINAR  1 Units
This course allows pre-service teachers to reflect upon their coursework 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 is practiced in class.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 452 INTEGRATED CURRICULUM FOR CHILDREN 6 THROUGH 8  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

EDUINDP 453 LEADERSHIP IN EARLY CHILDHOOD EDUCATION  2 Units
This two credit hybrid based course will explore leadership development, with an emphasis on the challenges faced by educational leaders. As a hybrid course, students are expected fully engage in the learning process in class, independently and on-line (reading, reflecting, discussing, writing, thinking and problem solving both individually and as an active team member).
PREREQ: ADMISSION TO EARLY CHILDHOOD PROGRAM

EDUINDP 461 DIRECTED TEACHING C: CONSULTATION IN EARLY CHILDHOOD  5 Units
This course provides students with the opportunity to develop their practice and reflect upon skills acquired through coursework and previous field experience. Students are placed in programs serving children with disabilities. A Cooperating Teacher and University Supervisor provide supervision. Students plan and implement instruction, adapt instruction, 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  5 Units
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 465 REFLECTIVE SEMINAR: PHASE FOUR PORTFOLIO  2 Units
Student Teaching Seminar provides a forum to develop a portfolio and to begin their professional career. The course is intended to ensure that the well-prepared teacher is a reflective practitioner who continually evaluates the effects of choices and actions on others (students, families, and other professionals in the learning community) and who actively seeks opportunities to grow professionally.
PREREQ: SUCCESSFUL COMPLETION OF FIVE SEMESTERS ECE MAJOR COURSES

EDUINDP 470 TEACHING ACROSS CULTURES: PEOPLE AND CULTURES OF ECUADOR  3 Units
This course ties together student teachers’ study abroad experience while teaching in Ecuador. Course learning activities include visiting archaeological sites, villages inhabited by indigenous populations, readings, and lectures. Students experience the geographical diversity of the Ecuadorian Andes and learn from interactions with local people and guest speakers.
PREREQ: ENROLLED IN FINAL SEMESTER OF STUDENT TEACHING

EDUINDP 490 WORKSHOP  Repeatable  0.5-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

EDUINDP 491 TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

EDUINDP 496 SPECIAL STUDIES  Repeatable  0.5-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

EDUINDP 497 EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

EDUINDP 498 INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

EDUINDP 498R INDEPENDENT STUDY - R  Repeatable  1-3 Units
Study of a selected topic or topics in undergraduate research under the direction of a faculty member. Repeatable.
### Educational Foundations (EDFOUND)

#### Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDFOUND 212</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
<td>3</td>
<td>This course is designed primarily for secondary school teachers. Among the areas considered are the psychology of teaching, learning theories, memory, development, intelligence, creativity, individual differences, motivation, and classroom management. PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONCURRENT ENROLLMENT IN EDFNDPRC 210 EDFOUND 243 OR CONSENT OF DEPARTMENT</td>
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<tr>
<td>EDFOUND 214</td>
<td>PORTFOLIO DEVELOPMENT I</td>
<td>Repeatable 1</td>
<td>This course is designed to enable students to develop their Foundations Block portfolio, which is a requirement for admission to Professional Education. PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONSENT OF THE DEPARTMENT</td>
</tr>
<tr>
<td>EDFOUND 222</td>
<td>CHILD DEVELOPMENT</td>
<td>3</td>
<td>A developmental study of the child from conception to the onset of puberty, including physical, psychosocial and cognitive growth. PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONCURRENT ENROLLMENT IN EDFNDPRC 210 EDFOUND 243 OR CONSENT OF DEPARTMENT</td>
</tr>
<tr>
<td>EDFOUND 230</td>
<td>INTRODUCTION TO HUMAN DEVELOPMENT</td>
<td>3</td>
<td>The focus of this course is the study of human development and change throughout the entire lifespan from psychological, sociological, and biological perspectives.</td>
</tr>
<tr>
<td>EDFOUND 241</td>
<td>YOUTH CULTURE FORMATION: RACE, GENDER, AND SEXUALITY</td>
<td>3</td>
<td>This course explores how various U.S. institutions construct &quot;youth&quot; as a social category, how those constructions are primarily interlocked with race and ethnicity, and how those constructions subsequently shape youth cultures in multi-faceted, intersectional cultural contexts such as music, gaming, sports, and media.</td>
</tr>
<tr>
<td>EDFOUND 243</td>
<td>FOUNDATIONS OF EDUCATION IN A PLURALISTIC SOCIETY</td>
<td>3</td>
<td>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. PREREQ: 2.75 COMBINED GPA OR PASSING SCORES ON ALL PARTS OF THE PRAXIS CORE (OR PPST/PRAXIS I), ACT, SAT, OR GRE. COREQ: CONCURRENT ENROLLMENT IN EDFNDPRC 243 AND [ONE OF FOLLOWING: EDFOUND 222, EDFOUND 230, EDFOUND 212 OR EDFOUND 481] OR CONS OF DEPT</td>
</tr>
<tr>
<td>EDFOUND 241</td>
<td>PARADOXES AND PROMISES: CRITICAL ISSUES IN URBAN EDUCATION</td>
<td>3</td>
<td>This course introduces students to critical issues and policies that influence urban schools, and by extension American society. It provides a deeper understanding of paradoxes and promises we collectively face in making American schools truly equitable institutions, particularly for marginalized communities of color. Trips to regional cities are an enhanced feature of the course and are covered by course fees. CROSS-LISTED: EDFOUND 341 AND POLISCI 341</td>
</tr>
<tr>
<td>EDFOUND 242</td>
<td>DIVERSITY, SERVICE-LEARNING, AND LEADERSHIP IN THE CITY</td>
<td>3</td>
<td>This course uses the city as a laboratory to explore major course themes such as intersectionality, youth, power, and cultural relevance. In addition to academic coursework, the course gives students the invaluable opportunity to learn about, learn from, and work with diverse communities in the region through a hands-on, 50 hour fieldwork component. Transportation/additional trips are included via associated fees.</td>
</tr>
<tr>
<td>EDFOUND 410</td>
<td>CURRENT TOPICS IN EDUCATION Repeatable</td>
<td>1-3</td>
<td>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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION CROSS-LISTED: CIGENRL 410 AND EDFOUND 410</td>
</tr>
<tr>
<td>EDFOUND 423</td>
<td>MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION</td>
<td>3</td>
<td>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: JUNIOR STATUS AND ADMISSION TO PROFESSIONAL ED</td>
</tr>
<tr>
<td>EDFOUND 424</td>
<td>MEASUREMENT AND EVALUATION IN THE ELEMENTARY SCHOOL</td>
<td>3</td>
<td>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: JUNIOR STATUS AND ADMISSION TO PROFESSIONAL ED</td>
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<tr>
<td>EDFOUND 425</td>
<td>MEASUREMENT AND EVALUATION IN THE SECONDARY SCHOOL</td>
<td>3</td>
<td>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: JUNIOR STATUS AND ADMISSION TO PROFESSIONAL ED</td>
</tr>
<tr>
<td>EDFOUND 475</td>
<td>UNDERSTANDING AND DEALING WITH DISRUPTIVE CLASSROOM BEHAVIOR</td>
<td>3</td>
<td>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.</td>
</tr>
</tbody>
</table>
EDFOUND 478 ADOLESCENT DEVELOPMENT  3 Units
Adolescent Development acquaints students with the major theories related to adolescent development and helps students interpret the theories in ways which are meaningful in understanding and working with adolescents. Focus is on the changes of adolescence with special attention given to the biological, cognitive, social and emotional systems.

EDFOUND 481 HUMAN ABILITIES AND LEARNING  3 Units
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 EDUCATIONAL STATISTICS  3 Units
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 repression), non-parametric techniques (chi-square test), and single subject designs.

EDFOUND 486 CURRICULUM EVALUATION AND IMPROVEMENT 1  3 Units
This course is designed to train school personnel in the selection of published assessments and the creation of classroom-level assessment methods appropriate for making instructional decisions at a individual and classroom level. Emphasis will be placed on understanding core content area standards, formative assessment practices in content areas, developing valid pupil grading procedures, and ethical assessment methods, all with a focus on informing instruction.
PREREQ: EDFOUND 424/EDFOUND 624 OR EDFOUND 425/EDFOUND 625 OR SPECED 462/SPECED 662

EDFOUND 490 WORKSHOP Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable for a maximum of 9 credits in major/degree.

EDFOUND 492 FIELD STUDY  1-6 Units
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: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

EDFOUND 496 SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 9 credits in major/degree.

EDFOUND 497 EXCHANGE STUDY Repeatable  1-12 Units
Variable topics

EDFOUND 498 INDEPENDENT STUDY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: SPONSORSHIP OF INSTRUCTOR AND PERMISSION OF DEPARTMENT

Elementary/Middle (ELEMMID)

Courses

ELEMMID 324 TEACHING OF SCIENCE IN THE ELEMENTARY/MIDDLE SCHOOL  3 Units
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

ELEMMID 362 CHILDREN’S LITERATURE  3 Units
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

ELEMMID 363 THE TEACHING OF SOCIAL STUDIES IN THE ELEMENTARY/MIDDLE SCHOOL  3 Units
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

ELEMMID 364 TEACHING SOCIAL STUDIES IN THE MIDDLE GRADES  3 Units
Methods and curriculum for teaching social studies in the middle school. Planning, teaching and assessing of students’ learning of social studies education, emphasizing the value of using effective and diverse teaching strategies and meaningful learning activities appropriate for the upper elementary and middle grades.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

ELEMMID 365 STRATEGIES FOR TEACHING VISUAL LITERACY  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

ELEMMID 370 VISUAL LITERACY AND PERFORMING ARTS INTEGRATION IN THE CLASSROOM  5 Units
This course is for elementary/middle school education majors focused on learning to design, implement, and evaluate art experiences that are integrated with other disciplines and developmentally appropriate, meaningful and challenging for all students. Lessons (designed and taught) demonstrate that the learners are developing a positive disposition towards artistic exploration and expression.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION
ELEMMID 418  MIDDLE SCHOOL SEMINAR: FOCUS ON ASSESSMENT  1 Units
This course will reflect upon the field experience in middle school grades by the student. Reflection on planning, instruction, and assessment using verbal and written assignments will promote transformative growth as a future teacher.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION COREQ: CIFLD 402 OR SPECFLD 410 OR CIFLD 406

ELEMMID 419  ELEMENTARY SCHOOL SEMINAR: FOCUS ON CULTURALLY RELEVANT PRACTICES  1 Units
This course will reflect upon the field experience in elementary school grades by the student. Reflection on planning, instruction, and assessment using verbal and written assignments will promote transformative growth as a future teacher. Reflection on culturally relevant practices as related to classroom management and assessment will be special topics of focus.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION COREQ: CIFLD 401 OR CIFLD 406

ELEMMID 421  MIDDLE LEVEL MATH METHODS  3 Units
Methods and curriculum for teaching mathematics in the middle school. Develops diverse learning experiences, environments, and roles to create deep conceptual understanding that makes sense of mathematics (how, when and why). Creative mathematical thinking is practiced through problem-solving, reasoning, modeling, and applying. Mathematical content will focus on critical areas.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION
CROSS-LISTED: ELEMMID 421 AND SECNDED 421

ELEMMID 424  ELEMENTARY/MIDDLE SCHOOL ART EDUCATION  3 Units
A preparatory course for those planning to teach art in the elementary/middle school. Included will be a study of the contribution of art expression to the creative growth of the child and an analysis of the visual arts in the elementary/middle school curriculum. Various approaches to curriculum organization will be explored and materials developed for use in teaching. Required of all Broadfield Art majors and minors seeking licensure to teach art at the elementary level. Restricted to students with professional ed admission.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

ELEMMID 425  TEACHING MATHEMATICS IN THE ELEMENTARY/MIDDLE GRADES  3 Units
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

ELEMMID 472  MIDDLE LEVEL STEM METHODS APPLYING MODELING INQUIRY & DESIGN  3 Units
This course will help prospective and practicing teachers in grades 6-8 learn methods of instruction in STEM subjects, using the lens of science and math content knowledge and modeling, inquiry and design practices. Students will learn how to identify, develop, and apply and evaluate STEM challenges using project-based learning.
COREQ: CONCURRENT ENROLLMENT IN OR COMPLETION OF EDFOUND 222 OR EDFOUND 212 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: ELEMMID 472 AND SECNDED 472

Engineering (EGR) - Rock County

Courses

EGR 102  THE CONCEPTS OF ENGINEERING  2 Units
This course equips engineering students with the necessary tools & background Info to be successful students & practicing engineers. Topics include Proj. Mgmt., team work, technical writing, creating presentations, ethics, engineering design, & a thorough underst&ing of the engineering profession.

EGR 103  ENGINEERING SPREADSHEET TOOLS  1 Units
This course equips engineering students with fundamental spreadsheet tools for use in their engineering schooling & future career. Topics include an Intro to computers, flow charts, spreadsheets, functions, graphics, curve fitting, logical statements, statistical analysis, unit conversion, & other data analysis techniques. Students who complete both EGR 102 & EGR 103 will receive the AP/IS designation of EGR 105.

EGR 105  ENGINEERING FUNDAMENTALS  3 Units
This course is designed to equip engineering students with the necessary tools & background Info to prepare them to be successful engineering students as well as a successful practicing engineer. Topics covered in this course include Proj. Mgmt., team work, technical writing, working with data & using spreadsheets, creating presentations, engineering design, & a thorough underst&ing of the engineering profession.
PREREQ: MAT 105 OR CONCURRENT ENROLLMENT UNREQ: EGR 102 AND EGR 103

EGR 110  ENGINEERING GRAPHICS WITH COMPUTER AIDED DRAFTING  3 Units
(Previously GRA 110) An Introductory course in engineering graphics focusing on graphical communication. Topics include descriptive geometry elements, visualization, engineering drawing techniques, orthographic Proj.ion, pictorial representation, auxiliary views, section views, & basic dimensioning. The course incorporates computer aided drafting (CAD) with engineering applications using 2-D drawing & 3-D modeling techniques.

EGR 111  SOLID MODELING AND DESIGN  1 Units
This Proj.-based course Introduces students to reverse engineering & three-dimensional design using industry st&ard solid modeling software (SolidWorks). The course assumes some previous knowledge of solid modeling, such as would typically be gained in an Introductory engineering graphics & computer aided drafting course. This course will include one or more reverse engineering Proj.(s) that will require the students? application of engineering problem skills.
EGR 176  CREATIVE PROBLEM SOLVING AND PROJECT MANAGEMENT  3 Units
This course is designed for students in any discipline to understand creative problem solving & Proj. Mgmt. The course is an interdisciplinary course teaching design, problem solving, & Proj. Mgmt. skills by applying these principles in the context of a Rube Goldberg machine. The course will focus on solving the Rube Goldberg challenge for the year with the end product being a competitive Rube Goldberg machine. The course will cover topics in creative problem solving, design work, teamwork, Proj. Mgmt., sketching, public speaking, presentational performances, publishing, stage & set design & construction. The final product will then be displayed for the campus community & toured throughout various community events & schools.

EGR 201  STATICS  3 Units
(Previously MEC 201) Principles of mechanics, force systems, equilibrium, structures, distributed forces, moments of inertia of areas, & friction. The course will serve the requirements of the several engineering curricula.
PREREQ: MAT 221 (C OR BETTER) OR CONSENT OF INSTRUCTOR

EGR 202  DYNAMICS  3 Units
(Previously MEC 202) Kinematics, force-mass-acceleration relations, work & energy, impulse & momentum, & moments of inertia of mass. This course will serve the requirements of the several engineering curricula.
PREREQ: EGR 201 (C- OR BETTER), MAT 222 (C OR BETTER) OR CONSENT OF INSTRUCTOR

EGR 203  MECHANICS OF MATERIALS  4 Units
(Previously MEC 203) Stress & strain, torsion, bending of beams, compound stresses, principal stresses, deflection of beams, statically indeterminate members, columns, elastic buckling, fatigue, creep, impact, & concrete properties.
PREREQ: EGR 201 (C OR BETTER) OR CONSENT OF INSTRUCTOR

EGR 263  ENGINEERING THERMODYNAMICS  3 Units
First & second laws of thermodynamics; thermodynamic properties of real & ideal gases, vapors, & mixtures; analysis of power & refrigeration cycles.
PREREQ: CHE 145 OR CHE 165 OR PHY 201 OR EGR 202, AND MAT 223 OR MAT 234 OR CONCURRENT ENROLLMENT, OR CONSENT OF INSTRUCTOR

EGR 282  ENGINEERING ECONOMICS  3 Units
Economic & financial factors in the engineering Env. to be considered in managerial decision making. Emphasizes the time value of money, present worth analysis, uniform series, rate of return, benefit cost ratios, depreciation, income taxes, inflation.
PREREQ: MAT 110, EGR 105 OR EGR 103 OR CPS 107 OR CONSENT OF INSTRUCTOR

EGR 291  SPECIAL TOPICS IN ENGINEERING  1-3 Units
In-depth coverage of one or more topics in engineering, engineering graphics, or engineering mechanics not covered by an existing course. Choice of topics depends on student interest, staff & equipment availability. Topics related to current issues or new technology are particularly appropriate.

EGR 294  INTERNSHIP IN ENGINEERING  Repeatable  1-3 Units
An internship or service learning project partnering students with organizations in the community or on campus. This course should provide practical experience appropriate to the student's educational goals by applying knowledge & skills learned in previous EGR courses in our institution. Student & instructor will meet regularly to prepare for & evaluate experiences. This course will not be used to employ students as campus workers by substituting credit for wages. Repeatable for a maximum of six credits.
PREREQ: AT LEAST FOUR CREDITS OF PRIOR EGR COURSEWORK AND CONSENT OF INSTRUCTOR

EGR 299  INDEPENDENT STUDY IN ENGINEERING  Repeatable  1-3 Units
Indp. study under the supervision of an instructor. The work may, for example, consist of advanced Lab investigation into a particular topic or library research & writing of a paper on some subject of interest.
PREREQ: CONSENT OF INSTRUCTOR

English (ENG) - Rock County Courses

ENG 097  INTENSIVE COLLEGE WRITING  3 Units
A Comp. course focusing on researched academic writing that presents the composing process, critical thinking, & critical reading. Emphasis will be on reading & writing activities designed to prepare students for successful transition to college-level writing. This course is offered by a campus TRIO program.

ENG 098  INTRODUCTION TO COLLEGE WRITING  3 Units
A Comp. course focusing on the conventions of academic writing, the composing process, critical thinking, & critical reading. Emphasis will be on reading & writing activities designed to prepare students for successful transition to college-level writing.

ENG 099  WRITING STUDIO  1 Units
A small group & individualized instruction course that helps students develop college-level writing & critical reading skills. Emphasizes writing process strategies. Taken concurrently with a Comp. course or another writing-intensive class.

ENG 100  INTENSIVE COLLEGE WRITING AND READING  4 Units
An intensive introduction to college writing and reading for students with appropriate placement scores. Emphasis on textual analysis of a variety of genres (both fiction and nonfiction), critical argumentation, the writing process, conventions of academic prose, and improvement of grammatical control and proofreading skills.
PREREQ: ACT ENGLISH SUBSCORE 14-15

ENG 101  COLLEGE WRITING AND CRITICAL READING  3 Units
A Comp. course focusing on academic writing, the writing process, & critical reading. Emphasis will be on essays that incorporate readings.

ENG 102  CRITICAL WRITING READING & RESEARCH  3 Units
A Comp. course focusing on researched academic writing that presents Info, ideas, & arguments. Emphasis will be on the writing process, critical thinking, & critical reading.
PREREQ: A GRADE OF C OR BETTER IN ENG 101 OR EXEMPTION THROUGH A SUFICIENTLY HIGH PLACEMENT ASSESSMENT.
ENG 190  SPECIAL TOPICS IN FIRST YEAR ENGLISH  0 Units
Designed to cover topics which cannot be accommodated in usual course formats or by other courses. Topics, which will be specified in the campus course schedule, may include freshman Lit., readings in selected disciplines (e.g., readings in the Sci.s or the social Sci.s), or intro to the English major. May be taken for credit more than once if content changes. PREREQ: GRADE OF C OR BETTER IN INTRODUCTION TO COLLEGE WRITING OR EXEMPTION BASED ON PLACEMENT TEST SCORE OR CONSENT OF INSTRUCTOR

ENG 201  INTERMEDIATE COMPOSITION  3 Units
A Comp. course that builds on learning from first-year college writing to help students develop more advanced reading, writing, & research strategies & skills. Introduces students to key concepts in the field of writing studies & their application to the writing process. Emphasizes Indp. inquiry, critical reading, & rhetorical adaptability. PREREQ: COMPLETION OF ENG 102 WITH A GRADE OF C OR HIGHER, COMPLETION OF THE FIRST-YEAR WRITING REQUIREMENT AT A UW SYSTEM INSTITUTION, OR SUCCESSFUL COMPLETION OF THE ENG 102 EXEMPTION PROCESS

ENG 202  WRITING AND LITERATURE  3 Units
Studying & writing about various types of Lit.. Helps students develop the ability to write critical, analytical, & explicative papers about Lit.. PREREQ: ENG 102 OR EXEMPTION BASED ON PLACEMENT TEST SCORE OR CONSENT OF INSTRUCTOR

ENG 203  CREATIVE WRITING I  3 Units
Chiefly devoted to writing & studying one or more of the following: fiction, poetry & drama. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 204  CREATIVE WRITING II  3 Units
This theme varies from time to time & may be, for example, philosophical, social, political, or psychological. May be taken for credit more than once if content changes.

ENG 205  LITERARY MAGAZINES  0 Units
A study of contemporary literary magazines, including national & student publications produced in print & online, resulting in students collaborating to produce their own literary publication(s). May be taken for credit more than once. PREREQ: ENG 101 OR CONSENT OF INSTRUCTOR

ENG 206  TECHNICAL WRITING  3 Units
The study & practice of the techniques of achieving brevity, clarity, & fluency in technical prose with emphasis on generating reports, letters, proposals, & other technical writing forms. Particularly appropriate for students in Sci., engineering, architecture, & other applied Sci.s.

ENG 207  APPLIED ACADEMIC WRITING  3 Units
A Comp. course that helps students develop critical reading, writing, & research strategies & skills for a variety of academic & professional purposes at an Int. to advanced level. Emphasizes writing & research processes, collaborative learning, Indp. inquiry, critical reading, & rhetorical adaptability. Prepares students for upper-division writing-intensive coursework. Can be used in place of ENG 102 to fulfill the core writing requirement for students entering the BAAS program with an Associate's Degree from a Technical College. PREREQ: FOR BAAS STUDENTS, COMPLETION OF ENG 101 WITH A GRADE OF C OR HIGHER OR EXEMPTION THROUGH A SUFFICIENTLY HIGH PLACEMENT ASSESSMENT. FOR NON-BAAS STUDENTS, A GRADE OF C OR BETTER IN ENG 102 OR EXEMPTION FROM ENG 102.

ENG 210  BUSINESS COMMUNICATION  3 Units
(BUS 210 & ENG 210 are the same course.) Study & practice of the techniques of achieving clarity, brevity & effectiveness in business communication. Planning, preparation, critiquing of business letters, memor&a, short & long reports, resumes, manuals of procedure, & oral reports. PREREQ: ENG 102 OR CONSENT OF INSTRUCTOR

ENG 242  THE AMERICAN INDIAN IN LITERATURE AND FILM  3 Units
(AIS 242 & ENG 242 are the same course.) This course will provide a cross-disciplinary exploration of the images of American Indians & their relevance to American society in film, literary, & historical texts. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 250  INTRODUCTION TO LITERARY STUDIES  3 Units
An Intro to the discipline of literary studies through its fundamental approaches to reading, interpreting, & writing about a variety of texts, ranging from the classic to the contemporary with the goal of understanding, appreciating, & enjoying Lit.. PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 251  INTRODUCTION TO DRAMA  3 Units
Intensive analysis of dramatic Lit. using representative types from several periods of drama. PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 253  INTRODUCTION TO THE SHORT STORY AND THE NOVEL  3 Units
Intensive analysis of fiction using representative types from several periods of narrative Lit.. PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 255  INTRODUCTION TO POETRY  3 Units
Intensive analysis of poetry using representative types from several periods of poetry. PREREQ: EXEMPTION FROM ENG 098 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 098 OR CONSENT OF INSTRUCTOR

ENG 260  BRITISH LITERATURE I  3 Units
A study of the development of British Lit. before 1798 through a Surv. of significant poetry, drama, fiction, &/or nonfiction. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 261  BRITISH LITERATURE II  3 Units
A study of the development of British Lit. after 1798 through a Surv. of significant poetry, drama, fiction, &/or nonfiction. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 262  AMERICAN LITERATURE I  3 Units
A study of the development of American Lit. before 1865 through a Surv. of significant poetry, fiction, & nonfiction. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 263  AMERICAN LITERATURE II  3 Units
A study of the development of American Lit. after 1865 through a Surv. of significant poetry, fiction, & nonfiction. PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR
ENG 264  THE WESTERN TRADITION BEFORE 1665  3 Units
Selected masterpieces of the West tradition in Lit. from ancient time to the end of the seventeenth century.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 265  THE WESTERN TRADITION IN LITERATURE AFTER 1665  3 Units
Selected masterpieces of the West tradition in Lit. from the end of the seventeenth century to the present.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 266  MODERN LITERATURE  3 Units
his course covers three explosive literary & artistic movements in early-twentieth-century American Lit.: the Harlem Renaissance the Southern Renaissance & the Lost Generation.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 267  CONTEMPORARY LITERATURE  3 Units
A study of the development of contemporary Lit. through a Surv. of significant poetry, drama, fiction, &/or nonfiction written after 1945.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 268  INTERNATIONAL LITERATURE BEFORE 1750  3 Units
A study of notable authors from a variety of regions & eras, ranging from non-West traditions such as the Indian, Arabic, West African, Chinese, Japanese &/or Native American to West traditions such as the Greek, Scandinavian, French, Russian, Australian, &/or Latin American. Content & focus will vary according to instructor.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 269  INTERNATIONAL LITERATURE AFTER 1750  3 Units
A study of notable authors from a variety of regions & eras ranging from non-West traditions such as the Indian, Arabic, West African, Chinese, Japanese &/or Native American to West traditions such as the Greek, Scandinavian, French, Russian, Australian &/or Latin American. Content & focus will vary according to instructor.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 270  ENGLISH LITERATURE  3 Units
A study of the nature of British Lit. through a Surv. of significant poetry, drama, fiction, &/or nonfiction by major British authors.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 271  CHILDREN'S LITERATURE  3 Units
A Surv. of Lit. for children focused on techniques of literary study, social contexts of Lit., new developments in the field of study, & criteria for evaluating the quality of fiction & novels, picture books, fairy tales, nonfiction texts, poetry, & plays. Recommended for students who have achieved sophomore standing.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 272  AMERICAN LITERATURE  3 Units
A study of the nature of American Lit. through a Surv. of significant poetry, drama, fiction, &/or nonfiction by major American authors.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 273  STUDIES IN INTERNATIONAL LITERATURE  3 Units
A study of notable authors from a variety of regions & eras, ranging from non-West traditions such as the Indian, Arabic, West African, Chinese, Japanese &/or Native American to West traditions such as the Greek, Scandinavian, French, Russian, Australian, &/or Latin American. Content & focus will vary according to instructor.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 275  TWENTIETH CENTURY NOVELS OF THE WORLD  3 Units
A study of the twentieth century novel in a number of countries (usually excluding American & European novels). The course will explore the cultures of those countries as they are reflected in the novels.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 276  TWENTIETH AND TWENTY-FIRST CENTURY LITERATURE  3 Units
A study of the nature of twentieth & twenty-first century Lit. through a Surv. of significant poetry, drama, fiction &/or nonfiction by significant authors. Primarily British & American, of the twentieth & twenty-first centuries.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 277  FILM STUDIES  3 Units
An exploration of some aspect, theory, problem, or distinctive variety of film, particularly narrative film. Emphasis may be upon the history of a genre, a single artist, or the distinctive character of the medium in comparison to drama or narrative fiction. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 278  MULTICULTURAL LITERATURE IN AMERICA  3 Units
A study of ethnic Lit.s in America, chiefly African American, Asian American, Native American, &/or Latino, though not necessarily limited to these groups. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 279  WOMEN WRITERS  3 Units
(ENG 279 & GSW 279 are the same course.) A study of women writers through a Surv. of significant poetry, drama, fiction, nonfiction, &/or film. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 280  INTRODUCTION TO SHAKESPEARE  3 Units
A study of selected plays & sonnets.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR
ENG 281 A THEME IN LITERATURE 3 Units
This theme varies from time to time & may be, for example, philosophical, social, political, or psychological. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 282 AFRICAN AMERICAN LITERATURE 3 Units
A study of African American Lit., history, & culture through the Surv. of significant poetry, fiction, drama, non-fiction, &/or film.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 283 A FIGURE OR FIGURES IN LITERATURE 3 Units
The figure or figures may be one writer, such as Milton, or a group of writers, such as English Romantic poets of the nineteenth century or African-American writers of twentieth century. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 284 SCIENCE FICTION AND/OR FANTASY LITERATURE 3 Units
A study of texts (e.g., fiction, nonfiction, poetry, drama, film) that speculate on alternative futures or worlds.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 285 LITERATURE OF NATURE 3 Units
A study of texts characterizing the natural world as experienced primarily by American writers of the 19th & 20th centuries.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 286 THE LITERATURE OF SPORT 3 Units
A study of texts (e.g., fiction, nonfiction, poetry, drama, film) that use sports in significant thematic or symbolic ways, primarily by Americans in the 20th century.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 287 THE BIBLE AS LITERATURE 3 Units
A study of literary aspects of selected portions of the Bible.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 288 RELIGIOUS TRADITIONS IN LITERATURE 3 Units
A study of texts (e.g., fiction, nonfiction, poetry, drama, film) that treat religion &/or spirituality in significant thematic ways. Readings may include sacred scriptures, but the course may focus instead on the themes presented in various texts & religions.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 289 INTRODUCTION TO LGBT+ LITERATURE IN THE UNITED STATES 3 Units
This course introduces lesbian, gay, bisexual, trans, and queer (LGBTQ+) studies through literary representations. It focuses on the exploration of the cultural, social, medical, historical, and political understandings of sexuality and gender marginality. It also addresses contemporary issues related to LGBTQ+ individuals and communities and examines the meaning and representation of heterosexuality and gender normativity in relation to LGBTQ+ experiences.
PREREQ: ENG 101 OR INSTRUCTOR CONSENT

ENG 290 SPECIAL TOPICS Repeatable 1-3 Units
Designed to cover topics which cannot be accommodated in usual course format or by other courses. Topics, which will be specified in the campus schedule, could include the study of a literary subgenre, the Lit. surrounding a specific historical event, or the construction of a campus newspaper or literary magazine. May be taken for credit more than once if content changes.
PREREQ: EXEMPTION FROM ENG 101 BASED ON PLACEMENT TEST SCORE OR COMPLETION OF ENG 101 OR CONSENT OF INSTRUCTOR

ENG 299 INDEPENDENT STUDY Repeatable 1-3 Units
Individual student program must be approved by the UW Colleges English Department chair. May be taken for credit more than once if content changes.

ENG 305 LITERATURE IN COMMUNITIES 3 Units
This course gives students the opportunity to participate in developing local or regional literary outreach events, programs, and publications. Students may serve in a variety of roles, such as literary editor, creative writing workshop facilitator, or event planner, in implementing service-learning projects at local schools, libraries, or other venues. This course will explore the role of literary centers and programs, and small press, journal, and Web publications in creating and sustaining communities, as well as the role literary forms such as stories, memoirs, and poetry play in the lives of individuals and communities.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

ENG 308 LITERATURE IN COMMUNITIES 3 Units
This course examines various approaches to proposal writing for projects that support non-profit organizations in their local communities. Students will develop a basic understanding of how to locate and understand proposal requests, how to identify grant-funding sources and how to write grant applications. A service-learning project will allow students to apply these skills to serve community needs.

ENG 379 WOMEN WRITERS 3 Units
An intermediate course exploring selected topics in literature by women writers (poetry, drama, fiction, nonfiction, and /or film) and in relation to women in various historical and/or cultural contexts. Topics vary according to the interests of students and the instructor. May be taken for credit more than once if content changes.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

ENG 381 INTERMEDIATE TOPICS IN LITERATURE: EAST ASIAN HISTORY AND LITERA 3 Units
This course charts primary experiences of modern and contemporary Japanese, Chinese, and Korean women, who occupy very different histories and experiences of life in the twentieth century from one another, through the influences of modernization, communism, colonization, and capitalism. We will look to history and literature to reveal the lives of East Asian women by exploring the many roles women have fulfilled, either by force or choice, including those of mothers, revolutionaries, shamans, crones, and other working women, such as geisha, so-called "comfort women," and new capitalist business women.
PREREQ: ENG 281, ENG 101, ENG 381, ENG 102; AND JUNIOR STANDING OR CONSENT OF THE INSTRUCTOR
**ENG 391 MIDWESTERN LITERATURE  3 Units**

Very often, the Midwest is misrepresented and projected in extremes: a place of open spaces representing opportunity and possibility or a location thought to be provincial, small-minded, and uninspiring. In this course, we will look past these over-simplifications and study a number of literary works (novels, poetry, plays, and non-fictional texts) that represent the complexity of this large area encompassing many states in the "heartland" of the country.

PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

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**English (ENGLISH)**

**Courses**

**ENGLISH 49 WORKSHOP  1-3 Units**

Variable credit course offering with a defined topic. Repeatable with a change of topic.

**ENGLISH 90 FUNDAMENTALS OF ENGLISH  3 Units**

A course for students whose reading and writing skills need improvement through study of basic grammar and rhetoric before they attempt other English courses. This course does not count toward the 120 credits required for graduation, nor does it fulfill General Studies requirements, nor may it be counted toward the English major or minor. It may not be taken by students who are simultaneously taking or have satisfactorily completed another English course on this campus. Required for students with an ACT English subscore of 16 or lower (SAT verbal 429).

**ENGLISH 91 WRITTEN COMMUNICATIONS  Repeatable  2 Units**

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 100 INTENSIVE COLLEGE WRITING AND READING  4 Units**

An intensive introduction to college writing and reading for students with appropriate placement scores. Emphasis on textual analysis of a variety of genres (both fiction and nonfiction), critical argumentation, the writing process, conventions of academic prose, and improvement of grammatical control and proofreading skills.

PREREQ: ACT ENGLISH SUBSCORE OF 15 OR 16 UNREQ: ENGLISH 101, ENGLISH 161, OR IEI 161

**ENGLISH 101 INTRODUCTION TO COLLEGE WRITING AND READING  3 Units**

Critical reading and writing with emphasis on textual analysis of a variety of genres (both fiction and nonfiction), critical argumentation, the writing process, and conventions of academic prose.

PREREQ: ENGLISH 90 OR ITS EQUIVALENT. RESTRICTED TO STUDENTS WITH ACT ENGLISH SUBSCORE OF 17-29 (SAT VERBAL 430-699) OR COMPLETION OF ENGLISH 90. UNREQ: ENGLISH 100, ENGLISH 161, OR IEI 161

UNREQ: ENGLISH 100/101 ENGLISH/IEI 161

**ENGLISH 102 INTRODUCTION TO COLLEGE WRITING, READING, AND RESEARCH  3 Units**

Continuation of ENGLISH 100/ENGLISH 101 with additional emphasis on modes of inquiry, the research process, and the completion of a formally documented, argument-based research paper.

PREREQ: ENGLISH 100 OR ENGLISH 101 OR ENGLISH 161 OR THE EQUIVALENT OR ACT SUBSCORE OF 30 OR ABOVE (SAT VERBAL 700).

UNREQ: ENGLISH/IEI 162

**ENGLISH 105 FRESHMAN ENGLISH HONORS  3 Units**

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. NOTE -- students will be able to receive AP or other test credit for English 101 and ENGLISH 102, but they may not enroll in English 101 or ENGLISH 102 for credit after completing this course.

PREREQ: ELIGIBILITY FOR THE UNIVERSITY HONORS PROGRAM AND AN ACT SUBSCORE OF AT LEAST 24, OR CONSENT OF UNIVERSITY HONORS PROGRAM DIRECTOR

**ENGLISH 110 POPULAR CULTURE AND LITERATURE  3 Units**

This course introduces students to the textual study of popular culture in such forms as film, television, video games, or comics by pairing such texts with literary periods and/or movements that inform them. Students will question the boundaries between "high culture" and popular culture as reflected in the mass media.

COREQ: ENGLISH 100 OR ENGLISH 101 OR ENGLISH 105 OR ENGLISH 162

**ENGLISH 161 ADVANCED ACADEMIC READING IN ESL  4 Units**

Development of critical thinking skills in reading and ability to express complex, academic arguments for participation in university courses. Students must pass this course with a C- or better to exit the IEP. This course satisfies the English 101 University Proficiency Requirement.

UNREQ: ENGLISH 100/101 ENGLISH/IEI 161

**ENGLISH 162 COLLEGE WRITING IN ENGLISH AS A SECOND LANGUAGE  4 Units**

Students learn the fundamentals of writing an academic research paper. Students conduct a brief literature review, design and conduct a group research project to address a research question, and write a paper. Students must pass this course with a C- or better to exit the IEP.

UNREQ: ENGLISH 102, ENGLISH/IEI 162

**ENGLISH 163 INTRODUCTION TO U.S. CULTURE FOR INTERNATIONAL STUDENTS  4 Units**

Study of U.S. culture from interdisciplinary perspectives by examining cultural topics (such as the changing form of the family, educational opportunity, economic change) to come to a deeper understanding of U.S. and the students' home cultures. Students must pass this course with a C- or better to exit the IEP.

**ENGLISH 164 SPECIAL TOPICS Repeatable  2-4 Units**

English 164 is a special topics course in English for specific purposes, repeatable by change in topic. If enrolled in the IEP, students must pass this course with a C- or better.

**ENGLISH 200 INTRODUCTION TO CHICANX LITERATURE  3 Units**

Identifies and interprets Chicano literature in a social and historical context giving students an introduction to literature written by and about Chicanxs.

PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

CROSS-LISTED: CHICANO 200 AND ENGLISH 200

**ENGLISH 202 INTRODUCTION TO U.S. LATINX LITERATURE  3 Units**

The course will present students with the diverse U.S. Latinx experiences, by introducing them to texts that examine literary works by authors of Latino/Latina backgrounds, in their historical context and cultural context.

CROSS-LISTED: ENGLISH 202 AND RACEETH 202
ENGLISH 206  BRITISH LITERATURE SURVEY I  3 Units
A survey of British literature from the Old English period through the eighteenth century.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105 OR PERMISSION OF THE INSTRUCTOR.

ENGLISH 211  INTRODUCTION TO GREAT BOOKS  3 Units
This course introduces students to literary, philosophical, political, and religious works that have been instrumental to the evolution of the history of ideas and to the cultural development of civilizations across time and place. Its primary focus is on the aesthetic and intellectual achievements of foundational texts from antiquity to the present day.
PREREQ: ENGLISH 100 OR ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161

ENGLISH 216  BRITISH LITERATURE SURVEY II  3 Units
A survey of British literature from the Romantic period to the present.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 226  AMERICAN LITERATURE SURVEY I  3 Units
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.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 230  FOUNDATIONS OF PROFESSIONAL WRITING AND EDITING  3 Units
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 ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 236  AMERICAN LITERATURE II  3 Units
A survey of American literature from the Civil War to the present to acquaint the student with the foremost writers of our literary culture.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162.

ENGLISH 251  CLASSICAL MYTH AND LEGEND AS SOURCES FOR LITERATURE  3 Units
An examination of classical myths and legends and how they have been used in various periods and genres of English literature.

ENGLISH 252  THE BIBLE AS LITERATURE  3 Units
This course will survey the Bible and some other related Near Eastern literature, focusing on the development of genres, motifs, and other literary forms that have influenced the form and content of Western literature, including the parable, the proverb, the loss of Eden, exile and return, origin stories, and hero stories.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 252 AND RELIGST 252

ENGLISH 260  AMERICAN ENVIRONMENTAL LITERATURE  3 Units
Explore American environmental literature (creative non-fiction/fiction/poetry) from its origins, with special attention to key authors such as Ralph Waldo Emerson, Henry David Thoreau, Emily Dickinson, John Muir, Teddy Roosevelt, Aldo Leopold, Leslie Silko, Rachel Carlson, Annie Dillard and Bill McKibben.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR

ENGLISH 263  THE CONTEMPORARY NOVEL  3 Units
A study of significant British and American novels and novelists of the last decade.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 265  MULTICULTURAL LITERATURE OF THE UNITED STATES  3 Units
Multicultural Literature of the U.S. offers a wide range of literary texts (dramas, essays, novels, poetry, and short stories) written by people of color. This class offers students the opportunity to study and appreciate the experiences and histories of diverse groups within the U.S., including African-American, Asian American, Native American, and Latinx cultures.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 266  GENDER AND FILM  3 Units
Students will learn to critically view, consider, and describe films, with special attention to representations of sexuality and gender. The course will include instruction in gender theory and methods for deploying gender analysis in the context of film studies.
PREREQ: ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161 CROSS-LISTED: ENGLISH/WOMENST/FILM 266

ENGLISH 271  CRITICAL WRITING IN THE FIELD OF ENGLISH  3 Units
This course will help students become proficient in the skills of research, organization, writing, and revising that they will need in upper-division English courses. Students will learn both the general conventions of academic writing about literature (literary criticism) and the specific methods of some of the most important kinds of literary criticism.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 272  CRITICAL WRITING IN MULTIMEDIA CONTEXTS  3 Units
In this course, students will learn to conceptualize, structure, and produce analytical writing in multiple forms within digital contexts. Since such contexts are often multi-modal--layered with visual images as well as sound--instruction will include the analysis and appropriation of the visual and auditory in critical writing.
COREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 CROSS-LISTED: ENGLISH/FILM 272

ENGLISH 274  CREATIVE WRITING  3 Units
Study, discussion and writing of description, narration, verse and the short story.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 275  TOPICS IN THE LITERATURE OF RURAL AMERICA  3 Units
This course explores issues of poverty, violence, and disaffection in rural American communities as depicted through literary works spanning the twentieth and twenty-first centuries. It also examines the placement of rural communities within current social, cultural, and literary contexts. Topics will change.
PREREQ: ENGLISH 100 OR ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161

ENGLISH 276  READING AS WRITERS  3 Units
Study of craft and aesthetic form in contemporary literary works.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162
ENGLISH 281 INTRODUCTION TO LANGUAGE STUDY 3 Units
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.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 296 SPECIAL STUDIES Repeatable 1-5 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable only with change of topic.

ENGLISH 305 LITERATURE OF DISABILITY 3 Units
This course is designed to introduce the students to thinking about disability as a rhetorical and cultural phenomenon. The students will explore how disability has been imagined in Western culture through an examination of literature, and they will also consider how disabled people have themselves sought to represent their own experience in defiance of established norms.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 310 LITERATURE FOR ADOLESCENTS 3 Units
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.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 323 ASIAN LITERATURES 3 Units
This course is an introduction to the literary and cultural tradition of three Asian civilizations: China, India, and Japan. Students will read a selection of classical and modern works from various genres in the three national literatures. The literary texts will be discussed in their cultural and historical contexts.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 323 / ASIANSTD 323

ENGLISH 325 LITERATURE FROM THE MIDDLE EAST 3 Units
Students will learn how to critically read, research, and write about contemporary Middle Eastern literature in English translation. Different genres will be covered by authors from different countries, including Iran, Egypt, Turkey, and Syria.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 327 AFRICAN LITERATURE 3 Units
The course introduces students to a global consideration of literature through a close examination of the cultural and literary tradition of African literature, extending to the literature of the African Diaspora. It will also examine how writings from colonial margins resist stereotypes as African writers construct counter-narratives to colonial discourse.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

ENGLISH 329 EUROPEAN LITERATURE 3 Units
This course explores the rich and varied field of European literature from its beginnings in Greek and Roman literature to present-day continental European literature, through studies of theme, genre, theory, or cultural analysis; topics will vary by instructor.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 330 MANUSCRIPT EDITING 3 Units
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 AND COREQ ENGLISH 362 OR CONSENT OF INSTRUCTOR

ENGLISH 332 WRITING FOR THE WEB 3 Units
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 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR

ENGLISH 333 JAPANESE LITERATURE 3 Units
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 105 OR ENGLISH 162
CROSS-LISTED: ENGLISH 333 AND ASIANSTD 333

ENGLISH 334 AMERICAN INDIAN LITERATURE 3 Units
This course explores contemporary writing and film by Native North American authors in relation to 1) ancient tribal traditions and languages; 2) the history of colonialism; 3) questions of cultural belonging and cultural appropriation; 4) the experiences of contemporary American Indians. Literary criticism and secondary sources introduce key issues in American Indian literary discourse and provide cultural and historical backgrounds.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: AMERIND 334 ENGLISH 334

ENGLISH 335 ASIAN AMERICAN LITERATURE 3 Units
This course examines the rich and varied literatures produced by U.S. writers of Asian descent. It considers the complex ways in which 1) history, 2) socioeconomic structures, 3) group and individual experiences, 4) cultural values and traditions, and 5) collisions and collaborations with other cultural groups in the U.S. come together to (re)shape Asian American identity and literary contributions.
CROSS-LISTED: ENGLISH 335 ASIANAM 335

ENGLISH 337 LATINX LITERATURE 3 Units
This course deepens students' knowledge of the literatures produced by U.S. citizens and/or U.S. residents of Latinx descent. It considers the complex ways in which 1) history, 2) group and individual experience, 3) cultural values and traditions, and 4) collisions and collaborations with other cultures in the US come together to shape Latinx identity, writing and overall literary expression.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: ENGLISH 337 LATINX 337
ENGLISH 340  EARLY BRITISH LITERATURE  3 Units
The course covers the cultural and literary periods from the beginning of writing in English to the late seventeenth century. Courses will rotate in theme or approach, and students will emerge with a firmer understanding of the literary and cultural heritage that informs subsequent literature.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR

ENGLISH 343  LITERATURE OF THE BRITISH EMPIRE (1660-1820)  3 Units
This course will examine the various contexts; cultural, historical, and political; that comprise the long eighteenth century (1660-1820) as they are revealed by various modes of literary endeavor in Britain and its vast empire.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 344  AMERICAN LITERATURE TO 1890  3 Units
An exploration of topics, periods, or genres in American literature from its origins through the Gilded Age. Themes will vary by term, but the course may consider Native American literature; colonial and early national literature; the American Renaissance; African American literature; women's writing; the Civil War; or regionalism, realism, and naturalism.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 345  AFRICAN-AMERICAN LITERATURE, 1800 TO PRESENT  3 Units
A survey of essays, prose fiction, drama, and poetry written by African-Americans from the colonial period to the present.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: AFRIAMR 345 AND ENGLISH 345

ENGLISH 346  SURVEY OF MODERN DRAMA  3 Units
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.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: THEATRE 346 AND ENGLISH 346

ENGLISH 348  AMERICAN LITERATURE 1890 TO 1945  3 Units
A survey of the major developments in American Literature from 1890 to World War II, with an emphasis on the rise of Modernism.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 350  NINETEENTH-CENTURY BRITISH LITERATURE  3 Units
An exploration of topics, periods, or genres in British literature from the Romantic through the Edwardian eras. Themes will vary and may include women's writing, colonial authors, children's literature, or periodicals; or address contemporary issues such as science, religion, socioeconomic class, gender, race, and empire; or focus on genre (poetry, drama, prose) or mode (sentimentalism, realism, sensationalism, fantasy, or aestheticism).
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 352  LITERATURE ON FILM  Repeatable  3 Units
This course examines the complex cultural work of adapting literature to film. Through critical analysis of narrative fiction - short stories, novels, plays, graphic novels - and the films they inspire, students will investigate the history, narrative, conventions, iconic elements, and cultural significance of literary adaptations to film. Repeatable with topic change.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105
CROSS-LISTED: FILM 352 AND ENGLISH 352

ENGLISH 354  STAGE PLAYS ON FILM  Repeatable  3 Units
In this course, students will study stage plays as well as the ways in which screenwriters and filmmakers adapt those plays for the big screen. Repeatable with change in topic.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105
CROSS-LISTED: FILM 354 AND ENGLISH 354

ENGLISH 360  TWENTIETH-CENTURY BRITISH LITERATURE  3 Units
This course examines the rapid evolution of British fiction, drama, and poetry during the twentieth century. Themes will vary from the experiments in modernism that open the century to the postmodern approaches to narrative and identity that close it, as students explore a literature often marked by anxiety over the peak and decline of the British empire.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 362  THE GRAMMAR OF STANDARD WRITTEN ENGLISH  3 Units
This is a course in the grammar of relatively formal and planned written English. We will review a vocabulary for talking about the structural choices that are available to writers of English, and use this vocabulary to practice analyzing and constructing sentences and parts of sentences. The course is meant primarily for people whose professional plans include writing or editing.

ENGLISH 363  AMERICAN LITERATURE IN THE POSTMODERN AGE (1945-PRESENT)  3 Units
This course is designed to acquaint students with the rich tradition of American fiction and poetry of the last fifty years. Focusing on such figures as Ellison, Plath, Morrison, Pynchon, Baraka, and Delillo, this course invites students to debate the role that literature plays in a postwar American society. In doing so, we will focus on how writers address such postwar developments as: dawn of the nuclear age, Vietnam, the rise of mass culture, and rapid technologizing of American society.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 364  STYLE: PRINCIPLES AND PRACTICES  3 Units
Introduction to analysis and revision of texts for their style by a) assessing the rhetorical situations of these texts and b) becoming conversant and widely accepted principles and categories of style. Focus is on stylistic concerns such as clarity, coherence, cohesion, emphasis, concision, shape, and elegance.

ENGLISH 366  TOPICS IN PROFESSIONAL WRITING  Repeatable  3 Units
Variable topics course that will focus on particular subsets of professional writing, editing, or rhetorical analysis relevant to these fields. Topics might include discourse analysis, argumentation, technical editing, content strategy, translation studies, or writing and editing for specific fields (e.g. science, medicine, environmental studies, etc.).
PREREQ: ENGLISH 230 AND ENGLISH 362 OR CONSENT OF INSTRUCTOR

ENGLISH 368  AMERICAN MINORITY WOMEN WRITERS  3 Units
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: RACEETH 368 AND ENGLISH 368
ENGLISH 369 MULTICULTURAL DRAMA OF THE UNITED STATES 3 Units
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
CROSS-LISTED: THEATRE 369 AND ENGLISH 369

ENGLISH 370 ADVANCED COMPOSITION 3 Units
A course in advanced exposition and argumentation. Conventional grade
basis only if course is required in the College of Business for major.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND
ENGLISH 162. MUST BE CONVENTIONAL GRADE BASIS ONLY IF COURSE
IS REQUIRED IN THE COLLEGE OF BUSINESS FOR MAJOR.

ENGLISH 371 WRITING IN THE SCIENCES 3 Units
Instruction on the nature of writing in the sciences, including features of
scientific genres and strategies for producing effective texts.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 372 TECHNICAL AND SCIENTIFIC WRITING 3 Units
Practice in expository, descriptive, and report writing, with special
application to technical and scientific subject matter.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND
ENGLISH 162 OR ENGLISH 105.

ENGLISH 373 POETRY WRITING 3 Units
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 274 OR CONSENT OF INSTRUCTOR

ENGLISH 375 FICTION WRITING 3 Units
Theory, techniques, and practice of the writing of fiction. Requires a
minimum of 50 pages of student writing, after careful revisions.
PREREQ: ENGLISH 274 OR CONSENT OF INSTRUCTOR

ENGLISH 376 SCREENWRITING 3 Units
Practical experience in writing scripts for cinema and/or television, with
special emphasis on the creative, theoretical, and critical processes.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND
ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 376/FILM 376

ENGLISH 378 PROSE STYLISTICS 3 Units
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: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 380 CREATIVE NONFICTION 3 Units
This workshop introduces students to the history, theory, tradition and
practice of creative nonfiction in its many forms, including the edited
journal, personal essay and memoir, nature essay, literary journalism,
and academic/cultural criticism. Through a mix of seminar-style discussions,
graduated writing assignments, and intensive workshop response and
revision, students work to develop a substantive portfolio (40-50 pages)
of their own work by the end of the semester.
PREREQ: ENGLISH 274 OR CONSENT OF INSTRUCTOR

ENGLISH 385 NATURE WRITING 3 Units
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 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 387 SPECIAL TOPICS WRITING WORKSHOP Repeatable 3 Units
Creative writing workshop, variable topics.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 398 THE CURRENT WRITING SCENE 3 Units
An intensive study of the range of current writing, with practice in written
composition which may qualify students for professional employment.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 404 SHAKESPEARE 3 Units
A study of the works of Shakespeare which will include representative
genres and which will not duplicate works studied in 680-405.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

ENGLISH 405 SHAKESPEARE 3 Units
A study of the works of Shakespeare which will include representative
genres and which will not duplicate works studied in 680-404.
PREREQ: ENGLISH 102, ENGLISH 105, ENGLISH 162 AND JUNIOR
STANDING OR CONSENT OF INSTRUCTOR

ENGLISH 430 PUBLICATION DEVELOPMENT 3 Units
The course will survey the function of the editor in planning and
developing a major publication. The course examines different editorial
roles, gives an overview of publishing processes, and focuses on
acquiring texts, developing the author-editor relationship, organizing
and restructuring texts, checking facts, and developing production
specifications.
PREREQ: ENGLISH 230 AND ENGLISH 362 OR CONSENT OF
INSTRUCTOR

ENGLISH 435 GRANT/PROPOSAL WRITING 3 Units
This is an advanced writing course on the genre of the proposal, pairing
students with clients to produce a grant. The course benefits students
who will write proposals for their own work as well as students who wish
to add the proposal genre to their portfolio of professional writing skills.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162

ENGLISH 436 TOPICS IN PUBLICATION DEVELOPMENT Repeatable 1-3 Units
Variable topics course that will focus on development of a professional-
quality publication of substantial complexity. Students will take a
writing or editing project from conception to polished text and develop
specifications for its production (or actually produce it).
PREREQ: ENGLISH 230 AND ENGLISH 362 OR CONSENT OF
INSTRUCTOR

ENGLISH 471 CURRENT THEORIES OF COMPOSITION FOR TEACHERS 3 Units
A course in theories and methods of teaching composition, including
practice in the evaluating of student writing. Recommended for Juniors
and Seniors only.
PREREQ: JUNIOR/SENIOR STATUS
ENGLISH 480  SEMINAR IN LITERATURE BEFORE 1800  3 Units
As the capstone course for English Literature and English Education majors, this senior seminar will offer the student an intensive study of a topic in literature before 1800, including a semester-long research project and an oral presentation. Topics will vary.
PREREQ: SENIOR STANDING, ENGLISH 271, AND MAJOR OR MINOR IN ENGLISH LITERATURE OR ENGLISH EDUCATION OR CONSENT OF INSTRUCTOR

ENGLISH 482  SEMINAR IN LITERATURE AFTER 1800  3 Units
As the capstone course for English Literature and English Education majors, this senior seminar will offer the student an intensive study of a topic in literature after 1800, including a semester-long research project and an oral presentation. Topics will vary.
PREREQ: SENIOR STANDING, ENGLISH 271, AND MAJOR OR MINOR IN ENGLISH LITERATURE OR ENGLISH EDUCATION OR CONSENT OF INSTRUCTOR

ENGLISH 488  ADVANCED WRITERS’ STUDIO  Repeatable  3 Units
A closely guided program of instruction in writing, determined in consultation with the instructor, ranging from creative writing to scholarly analysis. Repeatable two times for a maximum of 6 credits in major.
PREREQ: JUNIOR OR SENIOR STANDING AND SIX CREDITS CHOSEN FROM ENGLISH 373, 375, OR 380

ENGLISH 490  WORKSHOP  Repeatable  1-3 Units
Variable topics. Published prior to registration.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

ENGLISH 493  APPLIED STUDY: INTERNSHIP IN WRITING  Repeatable  1-6 Units
Offered on a satisfactory/no credit basis only. Internships, as available, in business or government for suitably prepared students wishing to make careers as writers. Repeatable for a maximum of six credits in degree.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 496  SPECIAL STUDIES  Repeatable  2-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable only with change of topic.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

ENGLISH 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

ENGLISH 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 AND CONSENT OF DEPARTMENT CHAIRPERSON

ENGLISH 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

ENGLISH 499  ENGLISH THESIS  1-3 Units
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO ENGLISH MAJORS

English as a Second Language (ESL)

Courses
ESL 310  SURVEY OF EDUCATIONAL LINGUISTICS  3 Units
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. CROSS-LISTED: CIGENRL 310, CIGENRL 510, ESL 310, ESL 510
PREREQ: ENGLISH 101 AND ENGLISH 102 OR CONSENT OF THE INSTRUCTOR

ESL 320  SECOND LANGUAGE ACQUISITION  3 Units
In Second Language Acquisition, 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. CROSS-LISTED: CIGENRL 320, CIGENRL 520, ESL 320, ESL 520
PREREQ: CIGENRL 310/ESL 310

ESL 330  PEDAGOGICAL GRAMMAR FOR ENGLISH LEARNERS  3 Units
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. CROSS-LISTED: CIGENRL 330, CIGENRL 530, ESL 330, ESL 530
PREREQ: CIGENRL 310/ESL 310

ESL 350  INTRODUCTION TO ESL AND BILINGUAL-BICULTURAL EDUCATION  3 Units
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. CROSS-LISTED: CIGENRL 350, CIGENRL 550, ESL 350, ESL 550

ESL 354  CRITICAL PERSPECTIVES ON BILINGUAL LEARNERS IN SCHOOLS  3 Units
In 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.
PREREQ: CIGENRL 350/ESL 350

ESL 403  ESL METHODS AND CURRICULUM  4 Units
ESL methods and curriculum 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. This course includes a field experience in the schools in addition to regularly scheduled class meetings.
PREREQ: CIGENRL 350/ESL 350, CIGENRL 310/ESL 310 AND CIGENRL 320/ESL 320 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: ESL 403, CIGENRL 403, ESL 603
Environmental Science (ENVSCI)

Courses

ENVSCI 100  EXPLORATION OF THE ENVIRONMENTAL SCIENCE MAJOR  1 Units
This course provides information about environmental science to recently declared majors. Students will be introduced to the requirements of the major, curricular and co-curricular activities, academic advising, emphasis areas, and internship and employment opportunities.
PREREQ: MUST BE A DECLARED ENVIRONMENTAL SCIENCE MAJOR

ENVSCI 200  INTRODUCTION TO ENVIRONMENTAL SCIENCE  4 Units
The introductory course for the environmental sciences major introduces students to the complexity of topics included in environmental sciences and is the important first step in the major. A one hour discussion section allows students and instructors to explore current topics and issues that fall within environmental science.
PREREQ: MATH 139 OR MATH 141 OR WAIVER. ENVIRONMENTAL SCIENCE MAJORS SHOULD COMPLETE MATH 141.

ENVSCI 357  CONSERVATION BIOLOGY  3 Units
This course explores the conceptual foundations of conservation biology. We will study the primary threats to biodiversity, and pay particular attention to issues of habitat degradation and loss, overexploitation, species invasions, and climate change. We will learn and apply skills, tools, and biological principles that are used by conservation biologists to study, track, manage, and mitigate environmental threats.
PREREQ: BIOLOGY 257 OR CONSENT OF INSTRUCTOR

ENVSCI 400  ENVIRONMENTAL SCIENCE CAPSTONE  3 Units
This course enables students to utilize the wide range of knowledge and skills acquired in other courses to complete an original, interdisciplinary environmental science research project while acquiring and refining crucial skills such as research design, analysis, presentation, and teamwork that will prepare them for a career in environmental sciences.
PREREQ: ENVIRONMENT SCIENCE MAJOR, SENIOR STANDING OR CONSENT OF INSTRUCTOR

ENVSCI 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led field courses.

ENVSCI 493  INTERNSHIP IN ENVIRONMENTAL SCIENCE  Repeatable  1-3 Units

ENVSCI 497  EXCHANGE STUDY  Repeatable  1-12 Units

ENVSCI 498  INDEPENDENT STUDY IN ENVIRONMENTAL SCIENCE  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

ENVSCI 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

Film (FILM)

Courses

FILM 100  INTERNATIONAL FILM APPRECIATION  Repeatable  1 Units
This course seeks to expand the cinematic horizon of course participants and to expose them to historical, social, economic, and political issue of non-US cultures through film.

FILM 110  VISUAL CULTURE IN AMERICA  3 Units
This course explores the history and enduring significance of visual culture in America. Themes the course will explore include the role of technology in visual culture, modern consumerism, cinematic representation, and the postmodern digital collage of contemporary culture.

FILM 266  GENDER AND FILM  3 Units
Students will learn to critically view, consider, and describe films, with special attention to representations of sexuality and gender. The course will include instruction in gender theory and methods for deploying gender analysis in the context of film studies.
PREREQ: ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161
CROSS-LISTED: ENGLISH/WOMENST/FILM 266
FILM 272 CRITICAL WRITING IN MULTIMEDIA CONTEXTS 3 Units
In this course, students will learn to conceptualize, structure, and produce analytical writing in multiple forms within digital contexts. Since such contexts are often multi-modal—layered with visual images as well as sound—instruction will include the analysis and appropriation of the visual and auditory in critical writing.
COREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 CROSS-LISTED: ENGLISH/FILM 272

FILM 350 FILM GENRE Repeatable 3 Units
Film Genre examines the conventions, development, and cultural contexts of a rotating selection of film genres, with a focus on the stylistic innovations, recurrent themes, and varying interpretations of representative films and/or filmmakers. Repeatable with change of instructor.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

FILM 352 LITERATURE ON FILM Repeatable 3 Units
This course examines the complex cultural work of adapting literature to film. Through critical analysis of narrative fiction - short stories, novels, plays, graphic novels - and the films they inspire, students will investigate the history, narrative, conventions, iconic elements, and cultural significance of literary adaptations to film. Repeatable with change of instructor.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

FILM 354 STAGE PLAYS ON FILM 3 Units
In this course, students will study stage plays as well as the ways in which screenwriters and filmmakers adapt those plays for the big screen.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105 CROSS-LISTED: FILM 354 AND ENGLISH 354

FILM 356 TEXT AND IMAGE 3 Units
This course is a theoretical and practical study of story-based visual media and how audiences understand what they see. It introduces principles of narrative and traces how these have changed (or not changed) through the evolution of both the media we consume and the nature of our media consumption. Primary materials include comics, tv, film, and video games.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

FILM 358 TOPICS IN FILM STUDIES Repeatable 3 Units
This course considers important issues in Film Studies not fully addressed in regular film courses. Topics offered will be of particular social and academic importance, and the course will include instruction in both reading and writing film criticism. Repeatable with change of instructor.
PREREQ: ENGLISH 102 OR ENGLISH 162 OR ENGLISH 105

FILM 374 QUEER CINEMA 3 Units
In Queer Cinema, students will deploy analyses of gender and sexuality that respond to the possibilities and limitations of the medium. Queer Cinema is appropriate for any student who wishes to learn how to apply complex theories of gender representation and sexual identity to the analysis of visual narratives.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

FILM 376 SCREENWRITING 3 Units
Practical experience in writing scripts for cinema and/or television, with special emphasis on the creative, theoretical, and critical processes.
PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 376/FILM 376

FILM 483 CINEMA AUTEURS Repeatable 3 Units
In Cinema Auteurs, students will learn to analyze film in international contexts. The course will either focus on a director whose work crosses national and language boundaries or compare two established film directors, one working in English and one working in another language. Repeatable with topic change.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

FILM 485 FILM THEORY 3 Units
In this course, students will learn how film theory developed, study the work of major film theorists, and analyze specific films using sophisticated theoretical lenses. Topics will vary
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

FILM 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics

FILM 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Finance and Business Law (FNBSLW)

Courses

FNBSLW 101 PERSONAL FINANCE 3 Units
This course is an introduction to personal finance and consumer education. It includes such topics as: personal and household resources; utilizing sources of consumer information and protection; handling the continuous decisions encountered with personal finance relative to goals; financial analysis; understanding insurance, income taxes, banking & borrowing (credit management); housing operation; and saving & investing.
CROSS-LISTED: FNBSLW 101, FNBSLW 101EX

FNBSLW 341 BUSINESS AND COMMERCIAL LAW 3 Units
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 THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 342 ADVANCED BUSINESS AND COMMERCIAL LAW 3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 344 BUSINESS FINANCE 3 Units
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 244; AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, OR 60 UNITS AND 2.00 FOR MINORS NON BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
FNBSLW 345 INVESTMENTS  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 348 REAL ESTATE  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 360 FINANCIAL INSTITUTIONS  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 370 ENTREPRENEURIAL FINANCIAL MANAGEMENT  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 387 INVESTMENT OPERATIONS & SECURITIES REGULATION  3 Units
This course provides investment instruction in operations, trading, markets and regulation. Content directly mirrors the actual FINRA examination. Primary study topics include Understanding Products and Their Risks; Understanding Trading, Customer Accounts, and Prohibited Activities; Knowledge of Capital Markets; and Overview of Regulatory Framework. At the end of the course material, students will be prepared for the FINRA SIE Examination.
PREREQ: FNBSLW 344, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 401 ESSENTIALS OF FINANCIAL PLANNING Repeatable  3 Units
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: FNBSLW 345 CAN BE TAKEN AS EITHER A PREREQ OR COREQ. ADMISSION TO UPPER DIVISION AND A 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 402 ADVANCED RETIREMENT AND FINANCIAL PLANNING  3 Units
This course is an advanced study of the various disciplines in the financial planning industry, specializing in retirement planning for businesses and individuals. Students will further their understanding of the financial services industry through the exploration of the regulatory environment of the practices of financial planning and its integrated disciplines, such as investments and insurance.
PREREQ: FNBSLW 401 AND SENIOR STANDING

FNBSLW 410 MULTINATIONAL BUSINESS FINANCE  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS, 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 420 BANK ADMINISTRATION  3 Units
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, AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 430 FINANCIAL FUTURES AND OPTIONS Repeatable  3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 433 CREDITORS' RIGHTS AND BANKRUPTCY  3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 440 WATER LAW  3 Units
Legal and policy issues related to the allocation and protection of freshwater. The right to surface and ground waters in eastern riparian and 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.
PREREQ: ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
FNBSLW 442 ESTATES AND TRUSTS 3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 443 EMPLOYMENT LAW 3 Units
This course is an overview of employment law and ethical issues involving employer-employee relationships. It includes topics such as the evolving rights, duties, and responsibilities that employees and employers have toward each other and the public; labor-management law and relations; occupational safety and health; hiring, employment contracts, accommodation, leave, and termination.
PREREQ: FNBSLW 341 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 444 CORPORATE FINANCIAL MANAGEMENT DECISIONS 3 Units
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 UNITS, RESTRICTED TO STUDENTS WITH MAJOR: FINANCE: WITH AN EMPHASIS IN FINANCE, FINANCIAL PLANNING, INSURANCE, OR REAL ESTATE. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA REQUIRED.

FNBSLW 446 INSURANCE 3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 447 REAL ESTATE DEVELOPMENT 3 Units
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, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 448 REAL ESTATE INVESTMENTS 3 Units
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, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 449 CORPORATE GOVERNANCE AND ADMINISTRATIVE LAW 3 Units
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 AND ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 450 ADVANCED PROPERTY AND CASUALTY INSURANCE 3 Units
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.
COREQ: FNBSLW 446; PREREQ: ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
FNBSLW 464 ADVANCED LIFE AND HEALTH INSURANCE AND PENSIONS 3 Units
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. Instructor Consent required.

COREQ: FNBSLW 446; PREREQ: ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 472 FINANCIAL ANALYSIS WITH BLOOMBERG, MORNINGSTAR AND EXCEL 3 Units
The purpose of this course is to provide students with hands-on experience using Bloomberg and Morningstar data services, financial analysis and modeling in Excel. Course material will include training on Bloomberg and Morningstar tools and functions, and downloading electronic databases into Excel models to perform financial analysis.

PREREQ: FNBSLW 345, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 484 APPLIED INVESTMENTS Repeatable 3 Units
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. PREREQ: ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

FNBSLW 493 INTERNSHIP Repeatable 1-3 Units
This is an opportunity for a finance student to gain practical experience in a business before graduation. The experience will supplement the students’ academic work in preparation for a career in business. Repeatable for a maximum of 3 credits in the major. Department Consent required.

PREREQ: JR STATUS FINANCE, FINANCIAL PLANNING, INSURANCE, OR REAL ESTATE MAJOR, ADMISSION TO UPPER DIVISION BUSINESS COURSES 2.50 FOR BUSINESS MAJORS OR 60 CREDITS 2.00 FOR MINORS/NON-BUSINESS MAJORS WHICH THIS COURSE IS AN OPTION.

FNBSLW 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 3 credits in the major or 6 credits in the degree.

PREREQ: SENIOR STATUS, CONSENT OF DEPARTMENT CHAIR. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

FNBSLW 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. Repeatable to a maximum of 15 credits. Prereq: Consent of department

FNBSLW 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

French (FRE) - Rock County

Courses

FRE 101 FIRST SEMESTER FRENCH 4 Units
For students who have had no previous training in the language. Emphasis on reading, writing, listening, & speaking in French. Classes also may include cultural studies of France & other French-speaking countries. Field trip may be required

FRE 103 FIRST SEMESTER FRENCH--PART I 2 Units
For students who have had no previous training in the language. This course is the first module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in French. Classes may include cultural studies of France & other French-speaking countries. Field trip may be required. (This course in combination with FRE 104 is equivalent to FRE 101.)

FRE 104 FIRST SEMESTER FRENCH--PART II 2 Units
Continuation of FRE 103 & second module of a two-part Introductory sequence. Field trip may be required. (This course in combination with FRE 103 is equivalent to FRE 101.)

PREREQ: FRE 103 OR CONS. INSTR

FRE 105 SECOND SEMESTER FRENCH 4 Units
Continuation of FRE 101 or FRE 104. Field trip may be required. PREREQ: FRE 101 OR FRE 104 OR CONSENT OF INSTRUCTOR

FRE 106 SECOND SEMESTER FRENCH--PART I 2 Units
Continuation of FRE 101 or FRE 104. This is the first module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with FRE 107 is equivalent to FRE 105.)

PREREQ: FRE 101 OR FRE 104 OR CONSENT OF INSTRUCTOR

FRE 107 SECOND SEMESTER FRENCH--PART II 2 Units
Continuation of FRE 106 & second module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with FRE 106 is equivalent to FRE 105.)

PREREQ: FRE 106 OR CONS. INSTR.

FRE 118 PRACTICAL SPOKEN FRENCH 1-2 Units
Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses.

PREREQ: CONSENT OF INSTRUCTOR
FRE 201 THIRD SEMESTER FRENCH 4 Units
Reviews grammar taught during first two Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. PREREQ: FRE 105 OR FRE 107 OR CONSENT OF INSTRUCTOR

FRE 203 THIRD SEMESTER FRENCH--PART I 2 Units
This course is the first module of a two-part third-Sem. sequence. Reviews grammar taught during the first two (or four) Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. (This course in combination with FRE 204 is equivalent to FRE 201.) PREREQ: FRE 105 OR FRE 107 OR CONSENT OF INSTRUCTOR

FRE 204 THIRD SEMESTER FRENCH--PART II 2 Units
Continuation of FRE 203 & second module of a two-part third-Sem. sequence. Field trip may be required. (This course in combination with FRE 203 is equivalent to FRE 201.) PREREQ: FRE 203 OR CONS. INSTR.

FRE 205 FOURTH SEMESTER FRENCH 4 Units
Continuation of FRE 201 or FRE 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in French. Field trip may be required. PREREQ: FRE 201 OR FRE 204 OR CONSENT OF INSTRUCTOR

FRE 206 FOURTH SEMESTER FRENCH--PART I 2 Units
Continuation of FRE 201 or FRE 204. This is the first module of a two-part fourth-Sem. sequence. Reading, writing, audio/oral practice, cultural insights based on literary texts in French. Field trip may be required. (This course in combination with FRE 207 is equivalent to FRE 205.) PREREQ: FRE 201 OR FRE 204 OR CONSENT OF INSTRUCTOR

FRE 207 FOURTH SEMESTER FRENCH--PART II 2 Units
Continuation of FRE 206 & second module of a two-part fourth-Sem. sequence. Field trip may be required. (This course in combination with FRE 206 is equivalent to FRE 205.)

FRE 212 INTRO TO FRENCH III 4 Units
Continuation & completion of Introductory material in a cultural context with an emphasis on Int.-level reading, speaking & writing. Lab attendance for listening comprehension is required & remains an integral part of the course. (Usually offered first Sem. only.)

FRE 215 ELEMENTARY CONVERSATION AND COMPOSITION 1-2 Units
May be taken concurrently with FRE 201 or by itself. Stresses practical application of theory learned in four-credit courses. Written & audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit. PREREQ: FRE 105 OR FRE 107 OR CONSENT OF INSTRUCTOR

FRE 216 ELEMENTARY CONVERSATION AND COMPOSITION 1-2 Units
May be taken concurrently with FRE 205. Carries no retroactive credit. PREREQ: FRE 215 OR CONS. INSTR.

FRE 225 CONVERSATION AND COMPOSITION 3 Units
Development of written & oral proficiency through systematic exposure to modern cultural developments as found in a variety of contemporary texts. Discussion & Comp. exercises deal with cultural topics introduced by original authors. PREREQ: FRE 205 OR FRE 207 OR CONSENT OF INSTRUCTOR

FRE 226 CONVERSATION AND COMPOSITION 3 Units
A continuation of FRE 225. PREREQ: FRE 225 OR CONST. INSTR.

FRE 276 TWENTIETH CENTURY FRENCH LITERATURE IN TRANSLATION 3 Units
Concentration on 20th-Century fiction, drama, & essays, including existentialism, the Phil. of the Absurd, & their impact on contemporary attitudes. Lectures in literary history & criticism, exercises in interpretation, Comp.s, oral presentations, & class discussions in English. No knowledge of French necessary. No foreign language credit.

FRE 277 SPECIAL TOPIC IN LITERATURE IN TRANSLATION AND/OR CULTURE AND CIVILIZATION 2-3 Units
Treats various topics of French Lit. &/or culture & civilization to be specified by instructor in campus timetable. Lectures, class discussions, & written work in English. No knowledge of French necessary. No foreign language credit.

FRE 291 SELECTED TOPICS IN FRENCH Repeatable 1-3 Units
Cultural, literary, or linguistic themes as specified in campus timetable. PREREQ: FRE 205 OR FRE 207 OR CONSENT OF INSTRUCTOR

FRE 299 INTERMEDIATE INDEPENDENT READING Repeatable 1-3 Units
Individual student(s) assigned readings, reports, & papers on topic determined by instructor. One-on-one meetings to be arranged. PREREQ: FRE 205 OR FRE 207 OR CONSENT OF INSTRUCTOR

French (FRENCH)

Courses

FRENCH 141 BEGINNING FRENCH I 4 Units
Introductory French language course designed to help students develop written, oral, reading, and cultural competency.

FRENCH 142 BEGINNING FRENCH II 4 Units
Continuation of FRENCH 141.

FRENCH 251 INTERMEDIATE FRENCH I 4 Units
Intermediate French language course designed to help students further develop written, oral, reading, and cultural competency. Not open to native speakers.

FRENCH 252 INTERMEDIATE FRENCH II 4 Units
Continuation of FRENCH 251. Intermediate French language course designed to help students further develop written, oral, reading, and cultural competency. Not open to native speakers.

FRENCH 310 FRENCH PHONETICS 3 Units
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 students' ability to render French orally.

FRENCH 321 ADVANCED FRENCH LANGUAGE STUDY I 3 Units
A thorough study of the structure of the language. Practical application through conversation and composition. PREREQ: FRENCH 252

FRENCH 322 ADVANCED FRENCH LANGUAGE STUDY II 3 Units
Continuation of FRENCH 321. PREREQ: FRENCH 321 OR EQUIVALENT
FRENCH 331  READINGS IN MODERN FRENCH  3 Units
Language study through reading and discussion in French of selected texts in modern French. Emphasis on vocabulary acquisition and grammatical usage.
PREREQ: FRENCH 252

FRENCH 332  READINGS IN MODERN FRENCH  3 Units
Similar to FRENCH 331; with different texts.
PREREQ: FRENCH 252

FRENCH 340  CONTEMPORARY FRENCH SOCIETY  3 Units
A study of the French way of life today as reflected in its cultural, religious, educational, political and social institutions.
PREREQ: ONE 300 LEVEL FRENCH COURSE

FRENCH 350  FRENCH CIVILIZATION  3 Units
Study of the political, social, intellectual, artistic and literary development of France, from the Middle Ages to the present.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 370  INTRODUCTION TO BUSINESS FRENCH  3 Units
This course seeks to familiarize students with both practical linguistic skills and functional cultural competence in a French-speaking professional environment. Students will learn key terminology, compose professional correspondence, prepare a job portfolio with CV and application letter, and engage in mock interviews. The course also provides a comparison of professional and business culture in French-speaking and U.S. countries.
PREREQ: FRENCH 321 OR CONSENT

FRENCH 375  INTRODUCTION TO FRENCH TRANSLATION  3 Units
Students learn basics of French to English translation by studying the history of translation as well as linguistic, cultural, professional, and ethical aspects of translation. They will then apply these concepts to translate a variety of genres, from technical, medical, and legal texts to literary and audiovisual texts. Class is taught in French and English.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 390  FRENCH CONVERSATION Repeatable  1 Units
A course designed to maintain and increase oral fluency in French. Emphasis on spontaneous use of the language. Repeatable five times for maximum of 6 credits in major/degree.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 451  SURVEY OF FRENCH LITERATURE  3 Units
General history of French literature from its beginning to the end of the eighteenth century. Reading of representative works of prose and poetry.
PREREQ: NINE CREDITS OF 300 LEVEL FRENCH COURSES

FRENCH 452  SURVEY OF FRENCH LITERATURE  3 Units
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: NINE CREDITS OF 300 LEVEL FRENCH COURSES

FRENCH 481  FRENCH CLASSICS  3 Units
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: NINE CREDITS OF 300 LEVEL FRENCH COURSES

FRENCH 491  TRAVEL STUDY Repeatable  3 Units
Variable topics. Faculty-led courses abroad. Repeatable

FRENCH 493  INTERNSHIP IN FRENCH Repeatable  1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.
PREREQ: SIX CREDITS OF 300 OR 400 LEVEL FRENCH COURSES

FRENCH 494  SEMINAR Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable
PREREQ: 9 UNITS OF 300 LEVEL COURSES OR CONSENT OF INSTRUCTOR

FRENCH 496  SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: 6 CREDITS OF 300-LEVEL FRENCH OR PERMISSION OF THE INSTRUCTOR

FRENCH 497  EXCHANGE STUDY Repeatable  1-12 Units
Variable topics. Repeatable.

FRENCH 498  INDEPENDENT STUDY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: MAJOR OR MINOR IN FRENCH

FRENCH 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.

FRENCH 499  FRENCH THESIS  1-3 Units
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO FRENCH MAJORS

Gender, Sex, & Women's Studies (GSW) - Rock County

Courses

GSW 101  INTRODUCTION TO GENDER, SEXUALITY, AND WOMEN'S STUDIES  3 Units
An Intro to the major issues addressed by women's & gender studies with an emphasis on interdisciplinary social Sci. theories & methodologies involved in gaining accurate knowledge about women's lives & contributions to society, both within the U.S. & around the world. Perspectives, texts, & methodologies from across the social Sci. disciplines ranging from history, Eco., Soc., political Sci., public health, criminal justice, psychology, & others will be used to underst& the experience of women & the cultural construction of gender

GSW 102  WOMEN'S VOICES  3 Units
An Introductory & interdisciplinary humanities course drawing upon diverse texts & methodologies representative of the following humanities disciplines: art, Phil., religious studies, music, film, history, Lit., feminist theory, cultural studies, media studies, & performance art/drama. Students will examine multicultural readings ranging from creative nonfiction, essays, feminist theory, philosophical reflection, fiction, poetry, historical accounts, drama, cultural critique, feminist analysis, memoir, visual arts, letters, diaries, & others to build an underst&ing of the multiple scholarly approaches in the humanities to the study of women's lives. Prereq: None
GSW 130  BIOLOGY OF WOMEN  3 Units
(BIO 186 & GSW 130 are the same course.) An Intro to the Physiology & reproductive anatomy of women including pregnancy, human development, cancer, infertility, birth control, sexually transmitted diseases & other health issues.

GSW 201  INTRODUCTION TO LGBTQ STUDIES  3 Units
This course will provide an Intro into Lesbian, Gay, Bisexual, Transgender, & Queer (LGBTQ) Studies. Considering LGBTQ Studies as an interdisciplinary field, this course will focus on how the central concepts of sexual orientation & gender identity work within history, politics, Lit., technology, art, music, Phil., education, & psychology. Throughout this course, students will work towards a deep understanding of the intersectional dynamics of privilege & oppression as they relate to LGBTQ individuals & culture by exploring the lived experiences of LGBTQ individuals & their families.
PREREQ: COMPLETION OF, PLACEMENT INTO, OR CONCURRENT ENROLLMENT IN ENG 102

GSW 202  FEMINIST PHILOSOPHY  3 Units
(PHI 202 & GSW 202 are the same course.) An Intro to feminist philosophies through a study & critique of traditional & feminist views about women, their lives, society, & knowledge, with particular attention to theories of women's oppression.

GSW 203  WOMEN IN POPULAR CULTURE  3 Units
In this course, we will examine ways gender has been portrayed & are currently portrayed in the media, in television & movies, popular music, internet, print sources like magazines, popular fiction, & newspapers, & other cultural artifacts. With readings ranging from critical theory to popular fiction, we will speculate on the impact of & source for popular portrayals of women in particular & the social construction of gender, race, & other social categories. The course will also encourage students to question agency in the creation & consumption of mass culture. Issues of race, class, sexual orientation, age, & physical ability will be important as we explore & critically examine the forms & functions of popular culture.

GSW 204  INTRODUCTION TO MASCULINITIES  3 Units
This course will provide an Intro into Masculinity Studies. Considering Masculinity Studies as an interdisciplinary field, this course will focus on how the central concepts of masculinity work within history, politics, Lit., technology, art, music, Phil., education, & psychology. Throughout this course, students will work towards a deeper understanding of the intersectional dynamics of race, gender, class, & other aspects of identity as they relate to the construction of various masculinities.

GSW 205  WOMEN, RELIGION, AND SPIRITUALITY  3 Units
This course explores the roles of women in the beliefs & practices of religion, including Christianity, Judaism, Islam, Buddhism, Hinduism, & Native American traditions, & historical & contemporary women's religious movements. Prereq: None

GSW 208  PSYCHOLOGY OF GENDER  3 Units
(PSY 208 & GSW 208 are the same course.) The process & consequences of gender development; review of current gender research & theory in the context of cultural, psychological, biological, historical, & cross-cultural perspectives. The course focuses on female & male experience as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression, & sexuality.

GSW 210  WOMEN'S HEALTH AND SEXUALITY IN SOCIETY  3 Units
This course will offer basic facts about the structure & functioning of the female body; issues in women's health & sexuality will be approached interdisciplinarily & will include physical, mental, emotional, & social health & wellness topics & will be framed by discussions of race, class, & other cultural identities. Cultural, social, economic & political contexts will be explored.

GSW 218  WOMEN AND SPORT  3 Units
(HES 218 & GSW 218 are the same course.) A course focusing on the social dimensions & the historical & cultural foundations of women & sport in our society. Emphasis will be placed on exploring the changing roles & opportunities in sports for women, as well as how past & current beliefs regarding gender, sexuality, & race & ethnicity shape the experiences of women in sports in our society. Selected topics include: the history of physical education, activity & fitness for women in the U.S., barriers/structural constraints facing women in sports, race & ethnicity, women's health issues, sexuality & homophobia, the role of journalism & the media, career opportunities for women, & the future of sports for women in our society.

GSW 225  GENDER AND COMMUNICATION  3 Units
(CTA 225 & GSW 225 are the same course.) This course focuses on multilayered relationships between gender, communication, & culture. It explores the ways communication creates & perpetuates gendered identities & gendered interaction. It examines the ways mass, interpersonal, group, intercultural, & rhetorical communications are influenced by gender.
PREREQ: PREV COURSE CTA (COMMUNICATION AND THEATRE ARTS) OR GWS (WOMEN'S STUDIES) OR CONSENT OF INSTRUCTOR

GSW 231  SEX, POWER, AND PUBLIC POLICY  3 Units
(POL 231 & GSW 231 are the same course.) Examination of controversial issues of gender that affect equality & power. Includes women's movement & the search for equality, justice & freedom. Examines political & judicial policies that exemplify success & failure.

GSW 238  SOCIOLOGICAL PERSPECTIVES ON GENDER  3 Units
(SOC 238 & GSW 238 are the same course.) A sociological examination of roles assigned to women & men in society, including the experiences of marriage, parenthood, employment & occupational attainment. Pays particular attention to gender role socialization & its cultural reinforcement, to patterns of gender relations & to ongoing changes.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

GSW 247  LATIN AMERICAN AND LATINA WOMEN(ES)  3 Units
(SPA 247 & GSW 247 are the same course.) This course will examine the lives & literary works of Latin American & Latina women within Latin American society & in the US. Particular attention will be given to the roles assigned to these women by patriarchal cultures & to the stereotypes that have influenced their lives. This course will examine how Latin American & Latina women have resisted race, class & gender oppression. The complex relationships among these factors & ethnicity will be examined through the analysis of a variety of primary texts, films, & scholarly articles. The course will be taught in English.

GSW 250  WOMEN IN CROSS-CULTURAL PERSPECTIVES  3 Units
(ANT 250 & GSW 250 are the same course.) Study of women in a variety of cultures around the world, both past & present. Includes consideration of the sexual division of labor, marriage systems, child rearing, relationships between men & women, systems of myth & ideology concerning women's roles, & the effects of socio-economic development & rapid social change.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS
GSW 260  WOMEN AND SCIENCE  3 Units  
Women & Sci. will take a three-pronged approach to its subject: the history of women in Sci., their contributions to various fields, & current obstacles women face in scientific fields; how scientific disciplines have constructed gender & studies women, & feminist critiques of Sci., including recommendations for change, to encourage participation in & representation of women in Sci.  

GSW 265  WOMEN AND EDUCATION  3 Units  
(EDU 265 & GSW 265 are the same course.) An intro to the theories & practices of educating girls & women. Traditional & feminist perspectives on developmental models of learning, early childhood through adult education, curricular issues, & feminist pedagogy will be studied & critiqued.  

GSW 270  WOMEN IN BUSINESS  3 Units  
Women in Business examines the opportunities, challenges & problems women encounter in pursuing a career in business. This course will consider the history of women as business owners & entrepreneurs, executives, managers & employees. We will also study socialization, the law, career planning, how families impact the workplace & differences & effects of gendered communication styles in business settings.  

GSW 279  WOMEN WRITERS  3 Units  
(ENG 279 & GSW 279 are the same course.) A study of women writers through a Surv. of significant poetry, drama, fiction, nonfiction, &/or film. May be taken for credit more than once if content changes.  

GSW 280  WOMEN IN AMERICAN HISTORY  3 Units  
(HIS 279 & GSW 280 are the same course.) This course will focus on the struggle by women to acquire social equity & access to equal opportunity & political rights from the colonial times to the present. Students will learn about key figures in the areas of social reform, the right to vote, & fight against job discrimination while exploring the larger historical context in which these leaders operated.  

GSW 291  SELECTED TOPICS  Repeatable  1-3 Units  
Designed to focus in depth on a particular area of women's studies. Specific topic to be announced in campus timetable.  

GSW 294  INTERNSHIP IN WOMEN'S STUDIES  Repeatable  1-3 Units  
An internship designed to provide students with opportunities to apply knowledge & skills learned in women's a gender studies courses to professional situations & to gain experience working in a women's studies-related organization (social justice organization, domestic violence & sexual assault prevention services, organization supporting & advancing social equality). The internship is intended for students with prior women's studies coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable up to 6 credits.  

GSW 295  WOMEN IN THE ARTS  3 Units  
(ART 290 & GSW 295 are the same course.) Women in the Arts is an interdisciplinary exploration of women as artists. The course will explore underlying ideologies that influence understanding & access to the artistic production of women & artists of color. Theories & experiences of gender, race, ethnicity, sexual orientation, age & class as they are articulated in the contemporary art world will be examined.  

GSW 299  INDEPENDENT STUDY  Repeatable  1-3 Units  
Extensive reading for the purpose of Surviving the Lit. in a particular area, possibly including a research Proj., under the personal supervision of the instructor.  

PREREQ: CONSENT OF INSTRUCTOR  

General Education (GENED)  

Courses  

GENED 291  GENERAL EDUCATION TRAVEL STUDY  Repeatable  1-3 Units  
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.  

GENED 496  SPECIAL STUDIES  Repeatable  1-3 Units  
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.  

GENED 498  INDEPENDENT STUDY  Repeatable  1-4 Units  
Study of a selected topic or topics under the direction of a faculty member.  

Geography (GEOGRPY)  

Courses  

GEOGRPY 100  INTRODUCTION TO GEOGRAPHY  1 Units  
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: DECLARED GEOGRAPHY MAJOR  

GEOGRPY 120  INTRODUCTION TO METEOROLOGY  4 Units  
This course provides students with a fundamental understanding of the processes that are responsible for the changes in day-to-day weather patterns. The primary focus is on the physical properties of the Earth's system that control those patterns. Topics investigated include Earth's energy and water budgets, cyclone development and evolution, severe weather, and a basic understanding of climate systems.  

COREQ: MATH 139 OR MATH 141 OR WAIVER  

GEOGRPY 210  PHYSICAL GEOGRAPHY  5 Units  
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 139 OR MATH 141 OR WAIVER  

GEOGRPY 230  HUMAN GEOGRAPHY  3 Units  
A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.
GEOGRPY 232 GEOGRAPHY OF RACE AND ETHNICITY IN THE UNITED STATES 3 Units
The course takes a geographical approach to the study of ethnic and racial groups in the United States. Native American, African American, Latino/a American, and Asian American groups are studied systematically. Major topics include mobility, culture regions, the cultural landscape created by the various ethnic and racial groups, immigration, segregation, and their associated politics.
PREREQ: SOPHOMORE STANDING

GEOGRPY 245 GENDER AND GEOGRAPHY 3 Units
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.
CROSS-LISTED: GEOGRPY 245 AND WOMENST 245

GEOGRPY 250 GEOGRAPHY OF WISCONSIN 3 Units
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 GLOBAL ENVIRONMENTAL CHALLENGES 3 Units
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 LANDSCAPES OF NORTH AMERICA: PEOPLE AND ENVIRONMENT 3 Units
The United States and Canada have a diverse geography of land, water, and people. This course explores the regional connections between economic activities, cultures, physical characteristics, and natural resources in North America.

GEOGRPY 270 GIS I: MAPPING OUR WORLD 3 Units
Time to get "spatial." Geographic. To see the world in terms of relationships between places and things, patterns and processes. Students will learn how to use geographic information systems (GIS) to analyze spatial patterns and communicate through maps. Issues, problems, and examples will be used from a variety of natural resources, social science, and business fields.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

GEOGRPY 300 SOIL SCIENCE 3 Units
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 GEOLOGY 100 OR GEOLOGY 101 OR BIOLOGY 142 OR CONSENT OF INSTRUCTOR

GEOGRPY 310 GEOMORPHOLOGY (LANDFORMS) 3 Units
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 GEOLOGY 100 OR CONSENT OF INSTRUCTOR

GEOGRPY 320 WEATHER ANALYSIS 3 Units
This course examines the fundamental properties of the atmosphere through the use of weather data and weather maps. The primary focus is on analyzing and interpreting various types of weather data, through case studies, to understand energy and mass exchanges, wind patterns, air masses, tropical and mid-latitude cyclones, and severe weather phenomena.
PREREQ: GEOGRPHY 210 OR CONSENT OF INSTRUCTOR

GEOGRPY 323 WATER RESOURCES 3 Units
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: GEOGRPHY 210 OR GEOLOGY 100 OR GEOLOGY 101 OR BIOLOGY 142 OR CONSENT OF INSTRUCTOR

GEOGRPY 330 BIOGEOGRAPHY 3 Units
This course provides an introduction to biogeography, the study of distributions of organisms. The 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: GEOGRPHY 210 OR BIOLOGY 120

GEOGRPY 332 POLITICAL GEOGRAPHY 3 Units
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.

GEOGRPY 333 GEOGRAPHY OF RELIGION 3 Units
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.
CROSS-LISTED: GEOGRPHY 333 AND RELIGST 333

GEOGRPY 334 HISTORICAL GEOGRAPHY 3 Units
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: GEOGRPHY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR

GEOGRPY 335 GEOGRAPHY OF POPULATION AND MIGRATION 3 Units
This course examines the economic, social, and political processes that contribute to spatial patterns of population and migration throughout the world. Case studies are used to understand contemporary issues of population growth, labor migration, refugee resettlement, immigration policy, and transnational identity.

GEOGRPY 340 ECONOMIC GEOGRAPHY 3 Units
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: GEOGRPHY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR
GEOGRPY 344 URBAN GEOGRAPHY 3 Units
The intrarurban 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 Units
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 Units
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 GEOLOGY 100 OR GEOLOGY 101

GEOGRPY 361 GEOGRAPHY OF SOUTH AND SOUTHEAST ASIA 3 Units
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR CONSENT OF INSTRUCTOR CROSS-LISTED: GEOGRPY 361 AND ASIANSTD 361

GEOGRPY 362 GEOGRAPHY OF EUROPE 3 Units
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 364 GEOGRAPHY OF EAST ASIA 3 Units
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.
PREREQ: GENED 140 OR GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: GEOGRPY 365 AND ASIANSTD 364

GEOGRPY 365 GEOGRAPHY OF LATIN AMERICA 3 Units
A study of the activities of the peoples of Mexico, Central America, South America and the West Indies, including means of addressing historical and contemporary issues of economic, social, cultural and political development across the Americas.
PREREQ: GENED 140 OR GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR

GEOGRPY 370 GIS II: APPLICATIONS AND DATA 4 Units
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.
PREREQ: GEOGRPY 270 OR CONSENT OF INSTRUCTOR

GEOGRPY 377 REMOTE SENSING OF THE ENVIRONMENT 3 Units
An introduction to the images, sensors, and techniques used to gather and process data on the Earth, 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.
PREREQ: SOPHOMORE STATUS OR CONSENT OF INSTRUCTOR

GEOGRPY 380 CARTOGRAPHY AND GEOVISUALIZATION 3 Units
With the growing use of maps on the web, cartography is experiencing a modern-day renaissance. Our class goals are to learn the principles of map design and apply them to create production-quality maps. We'll also explore advanced techniques for thematic maps and experiment with tools to create interactive web maps. By the course's end, students will have a portfolio of professional maps to share with employers and friends.
PREREQ: GEOGRPY 270

GEOGRPY 390 SPATIAL SOLUTIONS: GEOGRAPHIC DATA ANALYSIS 3 Units
Geographic data is constantly being collected, disseminated and analyzed by governments, businesses, and citizens. This course trains students in the potential and pitfalls of geospatial data analysis using quantitative techniques and modern software.
PREREQ: GEOGRPY 270 COREQ: GEOGRPY 370 OR CONSENT OF INSTRUCTOR

GEOGRPY 400 CAPSTONE IN GEOGRAPHY 1 Units
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 CLIMATE CHANGE: THE SCIENCE AND IMPACTS 3 Units
This course examines the topic of climate change from many perspectives. First, the science behind climate change is explored to determine the various natural and man-made influences on climate change. Second, the impacts are explored and how they are related to climate change; these topics range from the economic, political, cultural, and ecological.
PREREQ: JUNIOR STATUS OR CONSENT OF INSTRUCTOR

GEOGRPY 423 RIVERS AND FLOODS 3 Units
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 GEOLOGY 101 OR GEOLOGY 100
GEOGRPY 440 APPLIED GIS FOR SOCIAL AND BUSINESS RESEARCH  3 Units
This project-based course addresses social- and business-related issues through the application of Geographic Information Systems tools. Objectives of this course are to: 1) Introduce the student to site selection techniques; 2) Assess and map geodemographics (e.g., income, race, lifestyle characteristics) for target marketing; 3) To create professional reports and presentations derived from GIS analysis.
PREREQ: GEOGRPY 370 OR CONSENT OF INSTRUCTOR

GEOGRPY 444 CITIES AND SUSTAINABILITY  3 Units
A study of the historical, social and political framework of the urban and regional planning process with primary emphasis on understanding the links between sustainability and the configuration of urban space. Although American cities are emphasized, course content is placed within a broad global context. Students obtain exposure to professional planning approaches and a field trip is often required.
PREREQ: JUNIOR STATUS OR CONSENT OF INSTRUCTOR

GEOGRPY 452 CULTURAL ECOLOGY AND SUSTAINABLE DEVELOPMENT  3 Units
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 TOPICS IN HUMAN GEOGRAPHY Repeatable  3 Units
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 GIS IN WATER RESOURCES Repeatable  3 Units
The course focuses on the use of GIS to develop solutions to problems associated with water resources. Practical applications will include using GIS to spatially and temporally examine the relationship of watershed characteristics on soil erosion, wetlands, water quality, streamflow, and in-stream habitat. The course combines traditional lectures with computer time in labs equipped with the latest GIS software. Grading is heavily based on completion of projects/technical reports and the quality of GIS outputs.
PREREQ: GEOGRPY 270, GEOGRPY 370, AND (GEOGRPY 210 OR GEOGRPY 323)

GEOGRPY 470 APPLIED ENVIRONMENTAL AND NATURAL RESOURCE GIS  3 Units
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 477 ADVANCED GEOGRAPHIC INFORMATION SYSTEMS (GIS)  3 Units
Students will learn a variety of skills needed in professional GIS careers including field techniques (unmanned aerial vehicles and differential GPS), web-based GIS (servers and interactive cartography), and GIS automation through scripting (Python and JavaScript). Practical skills are developed through both field and lab work including applied real-world projects.
PREREQ: GEOGRPY 370

GEOGRPY 490 WORKSHOP Repeatable  1-8 Units
Variable topics. Group activity oriented presentations emphasizing “hands on” and participatory instructional techniques. Repeatable.

GEOGRPY 491 TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led field courses.

GEOGRPY 492 FIELD COURSE Repeatable  4-6 Units
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.

GEOGRPY 493 INTERNSHIP IN GEOGRAPHY Repeatable  1-3 Units
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.

GEOGRPY 494 SEMINAR Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

GEOGRPY 496 SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable one time for a maximum of 6 credits in major/degree.

GEOGRPY 497 EXCHANGE STUDY Repeatable  1-12 Units
Variable topics.

GEOGRPY 498 INDEPENDENT STUDY IN GEOGRAPHY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.
PREREQ: 12 CREDITS IN GEOGRAPHY, 2.75 GPA IN GEOGRAPHY AND CONSENT OF INSTRUCTOR

GEOGRPY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

GEOGRPY 499 GEOGRAPHY THESIS Repeatable  2-3 Units
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. Available only for senior students.
PREREQ: SENIOR STATUS
Courses

GEO 101 INTRO TO CULTURAL GEOGRAPHY 3 Units
A Surv. of world patterns of culture, such as population, language, religion, urban & rural settlement, & their causal relationships, emphasizing the global diversity of world cultures, contrasting world views & the issues thus raised.

GEO 102 ROOTS AND DIVERSITY 3 Units
The Geo. of American ethnic minority groups. An Intro to ethnic Geo. that examines the experience of people of African, Asian, Hispanic, & Native heritage in the U.S. & Canada. These ethnic minorities are studied using the major themes of cultural Geo. such as spatial distribution, migration patterns & locational patterns.

GEO 104 LANDSCAPES OF NORTH AMERICA 3 Units
A general Surv. of the characteristics & origins of major natural/physical regions of North America, with emphasis on national parks & monuments & other public areas. Field trip(s) may be required

GEO 106 INTRODUCTION TO GEOGRAPHIC INFORMATION SCIENCES 4 Units
An Intro to methods for organizing & interpreting spatial Info using state-of-the-art techniques & tools of geographic Info Sci.s. These include remote sensing, computer cartography, global positioning systems (GPS) & spatial analysis. H&s-on experiences provide a foundation for higher level courses & applications across the disciplines, e.g. Anthropology, Soc., planning, history, as well as Geo., geology, & climatology

GEO 107 INTRODUCTION TO MAPS AND AIR PHOTOS 4 Units
The use & interpretation of aerial photos & other forms of remote sensing & the basics of map reading, analysis & interpretation including a brief intro to the principles of map design & construction. Emphasis on topographic & thematic maps & air photos

GEO 110 WORLD REGIONAL GEOGRAPHY 3 Units
Intro to cultural Geo. through the study of representative & significant world regions. Examples will compare & contrast present & potential ethnic, social, political, & Env.al problems across select regions of the world, & explore basic solutions.

GEO 115 ECONOMIC GEOGRAPHY 3 Units
An analysis of distribution of population & natural resources. Study of the process of economic activities: agriculture, fishing, forestry, mining, manufacturing, transportation, & trade. Field trip(s) may be required

GEO 120 INTRODUCTION TO PHYSICAL GEOGRAPHY 3 Units
Study of earth's physical characteristics, including weather & climate, climate types, water, soils, Earth materials, & physical landscapes along with the processes shaping them. Study covers plate tectonics, volcanoes, faults, rivers & river flow, glaciers, beaches, dunes, &slides, etc. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 120.

GEO 124 PHYSICAL GEOGRAPHY: LANDFORMS 4-5 Units
Study of the evolution & distribution of Earth's surface features (l&forms) & physical landscapes along with the processes shaping them. Study covers plate tectonics, volcanoes, faults, rivers & river flow, glaciers, beaches, dunes, l&slides, etc. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 120 or GEO 125.

GEO 125 PHYSICAL GEOGRAPHY 5 Units
The Geo. of Earth's physical characteristics, including weather & climate, climate types, water, soils, Earth materials, & physical landscapes along with the processes shaping them. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 120, GEO 123 or GEO 124.

GEO 130 HUMAN IMPACT ON THE ENVIRONMENT 3 Units
A natural Sci. course describing the alteration of the physical Env. with the resulting effects on air, water, soils, vegetation, animal life & humans. Field trip(s) may be required. Geo 130 meets DPI requirements for Env.al education at some UW baccalaureate institutions.

GEO 170 DISASTERS-LIVING ON THE EDGE 3 Units
A natural Sci. course describing the alteration of the physical Env. with the resulting effects on air, water, soils, vegetation, animal life & humans. Field trip(s) may be required. Geo 130 meets DPI requirements for Env.al education at some UW baccalaureate institutions.

GEO 200 HISTORICAL GEOGRAPHY OF THE AMERICAN FRONTIER 4 Units
A natural Sci. course describing the alteration of the physical Env. with the resulting effects on air, water, soils, vegetation, animal life & humans. Field trip(s) may be required. Geo 130 meets DPI requirements for Env.al education at some UW baccalaureate institutions.

GEO 270 GLOBAL CLIMATE CHANGE: PAST, PRESENT, AND FUTURE 3 Units
A natural Sci. course describing the alteration of the physical Env. with the resulting effects on air, water, soils, vegetation, animal life & humans. Field trip(s) may be required. Geo 130 meets DPI requirements for Env.al education at some UW baccalaureate institutions.

GEO 277 GEOGRAPHY OF WORLD ENERGY 3 Units
A geographically-based overview of non-renewable & renewable energy on a global scale. Human innovations that may provide opportunities for a more sustainable energy future are emphasized. Socioeconomic & Env.al implications of its recovery, distribution, & use are explored for each type of energy resource. Prereq: One Sem. of college work.

GEO 291 GEOGRAPHIC FIELD STUDY 1-6 Units
Classroom study of an area of geographic interest followed by field study of the area. May be taken for credit more than once if topics are different. Cons. instr.

PREREQ: CONSENT OF INSTRUCTOR
GEO 294  INTERNSHIP IN GEOGRAPHY  Repeatable  1-3 Units
An internship designed to provide students with opportunities to apply knowledge & skills learned in Geo. courses to professional situations & to gain experience working in a Geo.-related institution (planning office, department of natural resources, mapping service, state & county soil office, etc.). The internship is intended for advanced students with prior Geo. coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.

GEO 297  SPECIAL TOPICS IN GEOGRAPHY  Repeatable  1-3 Units
Designed to cover topics not ordinarily covered in existing courses, or that cannot be accommodated in existing course formats. The topics selected in this course will depend on competencies of available staff & will be announced in the course timetable. May be taken more than once for credit if topics are different.  
PREREQ: CONSENT OF INSTRUCTOR

GEO 299  INDEPENDENT STUDY  Repeatable  1-3 Units
Individual study under the supervision of an instructor. May be taken more than once for credit if topics are different.  
PREREQ: CONSENT OF INSTRUCTOR

GEO 300  POPULATION: WORLD SURVEY  3-4 Units
Contrasts in numbers, densities, & qualities of population with emphasis on regional implication.

GEO 341  THE UNITED STATES AND CANADA  3 Units
Description & analysis of the physical & cultural l&scapes of the U.S. & Canada.  
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 342  GEOGRAPHY OF WISCONSIN  3 Units
The Geo. of Wisconsin's natural & cultural l&scapes with an emphasis on their sequential development & changing patterns of l& use & settlement. Natural resources, population, l& utilization, & economic development of the state. Field trip(s) maybe required.  
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 349  NORTHEASTERN EUROPE  3 Units
Description & analysis of the physical & cultural l&scapes of NorthWest Europe. Includes the British Isles, Sc&inavian countries, Low countries, France, Germany, Switzerl&, & Austria.  
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 350  ENVIRONMENTAL CONSERVATION  3 Units
Study of the human use, conservation, & Mgmt. of the Earth's resources; ecosystems, human interactions with the Env.; human population growth; impact of technology on the Env.; & practical solutions to Env.al problems. Field trip(s) may be required. GEO 350 meets DPI requirements for Env.al education at some UW baccalaureate institutions.  
PREREQ: ONE SEMESTER OF COLLEGE WORK

GEO 385  CULTURE, HEALTH, AND GLOBALIZATION  3 Units
This course is an exploration of how the health of individuals, communities, and nations are impacted by globalization. The course uses an interdisciplinary approach to analyze the historical, economic, political, and socio-cultural dimensions of health in various regions around the world, including Sub-Sahara Africa, South Asia, East Asia, Latin America, and Europe. Rather than aiming to arrive at a fixed definition of "globalization" or to theorize the relationship between globalization and human well-being in universal terms, we will ask what is being globalized, how globalization is changing the world, and who is responsible for its consequences.  
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

GEO 450  ENVIRONMENTAL CONSERVATION  3 Units
Study of the human use, conservation, and management of Earth's resources, ecosystems, human interactions with the environment; human population growth; impact of technology on the environment; and practical solutions to environmental problems. Field trip(s) may be required. GEO 350 meets the DPI requirements for environmental education at some UW baccalaureate institutions.  
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR

Geology (GEOLOGY) Courses

GEOLOGY 100  PRINCIPLES OF GEOLOGY  5 Units
This course provides an introduction to the concepts which describe the origin and evolution of the earth. Special emphasis will be placed on understanding 1) the internal and external earth processes, 2) material composition of the earth, 3) the scientific method as applied to the study of the earth, and 4) the evolution of earth through time.  
COREQ: MATH 139 OR MATH 140 OR MATH 141 OR WAIVER UNREQ: GEOLOGY 101

GEOLOGY 101  ELEMENTS OF GEOLOGY  4 Units
An introduction to the study of the earth. Emphasis is place 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 (4) the methods of science, especially as they apply to the study of the Earth. One field trip is required.  
COREQ: MATH 139 OR MATH 140 OR MATH 141 OR WAIVER UNREQ: GEOLOGY 100

GEOLOGY 203  VOLCANOES  3 Units
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 placed on volcanoes as major economic resources.  

GEOLOGY 204  EARTH AND LIFE HISTORY  3 Units
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 139 OR MATH 140 OR MATH 142 OR WAIVER
GEOLOGY 250  ECOLOGY & GEOLOGY OF YELLOWSTONE NATL. PARK & UPPER GRT PLAINS  4 Units
An interdisciplinary introduction to field methods, geology, ecology and natural history. Involves on-line work with additional lectures and labs at Yellowstone National Park and locations en route. Additional course fees apply. Students with disabilities may be accommodated. Biology or Geology/Geography majors take Bio/Geo 451 or see Department Chair. Summers only.
COREQ: MATH 139 OR MATH 140 OR MATH 141
CROSS-LISTED: BIOLOGY 250 AND GEOLOGY 250

GEOLOGY 300  PRINCIPLES OF OCEANOGRAPHY  3 Units
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 139 OR MATH 140 OR MATH 142 OR WAIVER

GEOLOGY 301  ENVIRONMENTAL GEOLOGY  3 Units
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  3 Units
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 139 OR MATH 140 OR MATH 142 OR WAIVER

GEOLOGY 310  ROCKS AND MINERALS  4 Units
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: GEOLOGY 100 OR GEOLOGY 101 OR GEOGRAPHY 210

GEOLOGY 317  PALEONTOLOGY  3 Units
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: GEOLOGY 100 OR GEOLOGY 101 AND GEOLOGY 204 OR BIOLOGY 142 OR CONSENT OF INSTRUCTOR

GEOLOGY 318  GEOLOGIC STRUCTURES AND FIELD METHODS  4 Units
Study of causes behind formation of major structural features of earth plus identification techniques and description of geologic structures in field. Emphasizes (1) Understanding and quantifying geologic deformation, (2) material response to conditions of deformation, (3) identification/description of geologic structures in multiple scales, and (4) geologic field/data analyses techniques such as stereographic projections and preparation and interpretation of geologic maps.
PREREQ: (GEOLOGY 100 OR GEOLOGY 101 OR GEOGRAPHY 210) AND MATH

GEOLOGY 319  STRATIGRAPHY AND SEDIMENTATION  3 Units
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: GEOLOGY 100 OR GEOLOGY 101 OR GEOGRAPHY 210 OR GEOLOGY 204 OR CONSENT OF INSTRUCTOR

GEOLOGY 352  GEOHAZARDS  3 Units
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: GEOGRAPHY 210 OR GEOLOGY 100 OR GEOLOGY 101

GEOLOGY 451  NATURAL HISTORY OF YELLOWSTONE NP AND THE UPPER GREAT PLAINS  3 Units
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  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable.

GEOLOGY 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led field courses.

GEOLOGY 492  FIELD STUDIES IN GEOLOGY  Repeatable  1-3 Units
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: GEOLOGY 100 OR CONSENT OF INSTRUCTOR

GEOLOGY 493  INTERNSHIP IN GEOLOGY  Repeatable  1-3 Units
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.

GEOLOGY 494  SEMINAR  Repeatable  1-3 Units
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.

GEOLOGY 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

GEOLOGY 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable Topics
GEOLOGY 498  INDEPENDENT STUDY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: EIGHT CREDITS IN GEOLOGY OR CONSENT OF INSTRUCTOR AND PROGRAM COORDINATOR

GEOLOGY 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

GEOLOGY 499  GEOLOGY THESIS Repeatable  2-3 Units
Individual research for major writing a thesis under direct supervision of a member of the faculty. Available only for senior students.
PREREQ: SENIOR STATUS

Geology (GLG) - Rock County

Courses

GLG 100  INTRODUCTION TO GEOLOGY  3 Units
A brief study of minerals, rocks, fossils, geologic maps, & the processes creating & modifying the surface & subsurface features of earth. Field trip(s) may be required. May not be taken for credit by students who have had GLG 101.

GLG 101  PHYSICAL GEOLOGY  4-5 Units
Study of the physical nature of Earth: the processes in operation above, on & beneath the surface that continue to shape its physical evolution (e.g. volcanism, plate tectonics, faulting & earthquakes, glaciation, rivers); the origin & nature of common minerals & rocks & their distribution in the world, landscapes & their origins (e.g. mountain ranges, glacial forms, river valleys, etc.). Lab work includes the study of rocks & minerals, the interpretation of geological & topographic maps & aerial photographs, along with data, map & chart analysis. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GLG 101.

GLG 102  HISTORICAL GEOLOGY  4-5 Units
Study of the history of the Earth, beginning with its place in the solar system. An Intro to common rocks & minerals, to geological principles & reasoning, & to concepts of geologic time. Study of how the physical Geo. of Earth has changed through time & how the changes in the rock record tell of seas, mountain ranges, deserts, & ice ages through geologic time. Study of the fossil record & how life on Earth has changed to cope with the varying physical Env.s of Earth. Two or four hours of lab per week depending on the credit. Field trip(s) may be required.

GLG 104  LANDSCAPES OF NORTH AMERICA  3 Units
(GEO 104 & GLG 104 are the same) A general Surv. of the characteristics & origins of major natural/physical regions of North America, with emphasis on national parks & monuments & other public areas. Field trip(s) may be required

GLG 107  INTRODUCTION TO MAPS AND AIR PHOTOS  3 Units
(GEO 107 & GLG 107 are the same course.) The use & interpretation of aerial photos & other forms of remote sensing & the basics of map reading, analysis & interpretation including a brief intro to the principles of map design & construction. Emphasis on topographic & thematic maps & air photos.

GLG 135  INTRODUCTION TO ENVIRONMENTAL GEOLOGY  3 Units
The physical Env. & our interaction with it. Emphasis on Earth processes affecting humans, such as flooding, erosion, groundwater, landslides, & earthquakes. The impact of humans upon the Env. along with the application of the Sci. of geology to these impacts. Field trip(s) may be required. May not be taken for credit by students who have had GLG 169.

GLG 150  PLANETARY GEOLOGY  3 Units
This is an Introductory course covering various subjects related to geology of planets, moons, & other small bodies in our solar system. In this course, students will learn formation, evolution & present nature of these planetary bodies using a geologic & astrophysical approach. To understand other planetary bodies, or our solar system as a whole, it is essential to examine geological processes occurring in Earth, then generalize how such processes can be applied to other planets. Therefore, a brief overview on these processes will be given during the beginning stage of the course. The course will also cover smaller planetary bodies such as asteroids, comets & meteorites, which are very important in understanding geological process in our solar system. It meets the Natural Sci. requirement for a liberal arts degree at the University of Wisconsin Colleges.
PREREQ: HIGH SCHOOL ALGEBRA

GLG 169  ENVIRONMENTAL GEOLOGY  4 Units
The physical Env. & our interaction with it. Emphasis on Earth processes affecting humans, such as flooding, erosion, groundwater, landslides & earthquakes. The impact of humans upon the Env. along with the application of the Sci. of geology to these impacts. Air, water & soil pollution studied from a physical-chemical standpoint. The depletion of energy & mineral resources & the need for humans to design with nature. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GLG 135.

GLG 170  DISASTERS-LIVING ON THE EDGE  3 Units
(Same as GEO 170) Study of various environmental hazards, their causes, impacts on humans, & mitigations. Core topics are natural hazards (earthquakes, volcanoes, flooding, landslides, tornadoes, hurricanes), & anthropogenic hazards (climate change/global warming, nuclear hazards, & overpopulation). Additional topics may be covered: coastal hazards, pollution of groundwater, air, soil, & water, other atmospheric hazards (extreme weather, droughts), impacts from space, extinctions, biohazards, chemical hazards, & terrorism.

GLG 180  FORENSIC GEOLOGY  3-4 Units
Study of geology & how the geologic Sci.s contribute to the solving of crimes. The course includes examination of rocks & minerals, sediments, soil, fossils, pollen, maps & air photos as well as various geologic techniques such as optical microscopy, scanning electron microscopy, x-ray diffraction & ground-penetrating radar. The geologic subjects & techniques will be covered from a forensic point of view. The course includes hands-on approaches & development of critical observation skills. Field trip(s) required.

GLG 251  INTRODUCTION TO SOIL AND WATER RESOURCES  4 Units
Course material is presented in an interdisciplinary manner providing a comprehensive examination of the physical, chemical, & biological properties of soil & water resources, & how these are linked to watershed processes & the landscape level.
GLG 270 GLOBAL CLIMATE CHANGE: PAST, PRESENT, AND FUTURE  3 Units
This course will examine contemporary scientific thought on the cycles of climate change, understanding of past climate conditions, the current state of the atmosphere, & predictions for future change & adaptation strategies. Close emphasis will be placed on evidence for climate change through cultural evidence for change (journals, historical documents) as well as physical evidence & proxies (tree rings, fossils, ice cores, sediments). Past periods of climate change will be analyzed in order to understand how life was affected during those events as well as to set the context to better understand scientific thought on current & future climate trends.

GLG 291 GEOLOGICAL FIELD STUDY  1-6 Units
Formal classroom study of an area of geologic interest followed by field study of the area. May be taken for credit more than once.

GLG 294 INTERNSHIP IN GEOLOGY Repeatable  1-3 Units
An internship designed to provide students with opportunities to apply knowledge & skills learned in Geology courses to professional situations & to gain experience working in a geology-related institution (planning office, department of natural resources, mapping service, state & county soil office, geology/natural or earth Sci. museum, petroleum industry, etc.). The internship is intended for advanced students with prior Geology coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.

GLG 297 SPECIAL TOPICS IN GEOLOGY Repeatable  1-3 Units
Designed to cover topics not ordinarily covered in existing courses, or that cannot be accommodated in existing course formats. The topics selected in this course will depend on competencies of available staff & will be announced in the course timetable. May be taken more than once for credit if topics are different.
PREREQ: CONSENT OF INSTRUCTOR

GLG 299 INDEPENDENT STUDY Repeatable  1-3 Units
Individual study under the supervision of an instructor. May involve seminar presentation. May be taken more than once if topic is different.
PREREQ: CONSENT OF INSTRUCTOR

GLG 309 GEOMORPHOLOGY  3 Units
Principles & analysis of geomorphic processes & resulting landscapes. Field trips.
PREREQ: ONE OF THE FOLLOWING: GLG 100, GLG 101, GLG 135, GLG 169, GEO 120, GEO 124

GLG 343 GLACIAL AND PLEISTOCENE GEOLOGY  3 Units
Principles, characteristics, & work of glaciers; events of the Pleistocene Period. Field trips.
PREREQ: ONE OF THE FOLLOWING: GLG 100, GLG 101, GLG 135, GLG 169, GEO 120, GEO 124

German (GER) - Rock County

Courses
GER 101 FIRST SEMESTER GERMAN  4 Units
For students who have had no previous training in the language. Emphasis on reading, writing, listening, & speaking in German. Classes also may include cultural studies of Germany & other German-speaking countries. Field trip may be required.

GER 103 FIRST SEMESTER GERMAN-PART I  2 Units
For students who have had no previous training in the language. This course is the first module of a two-part introductory sequence. Emphasis on reading, writing, listening, & speaking in German. Classes may include cultural studies of Germany & other German-speaking countries. Field trip may be required. (This course in combination with GER 104 is equivalent to GER 101.) No prerequisite.

GER 104 FIRST SEMESTER GERMAN-PART II  2 Units
Continuation of GER 103 & second module of a two-part introductory sequence. Field trip may be required. (This course in combination with GER 103 is equivalent to GER 101.)
PREREQ: GER 103 OR CONS. INSTR.

GER 105 SECOND SEMESTER GERMAN  4 Units
Continuation of GER 101 or GER 104. Field trip may be required.
PREREQ: GER 101 OR GER 104 OR CONSENT OF INSTRUCTOR

GER 106 SECOND SEMESTER GERMAN-PART I  2 Units
Continuation of GER 101 or GER 104. This is the first module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with GER 107 is equivalent to GER 105.)
PREREQ: GER 101 OR GER 104 OR CONSENT OF INSTRUCTOR

GER 107 SECOND SEMESTER GERMAN-PART II  2 Units
Continuation of GER 106 & second module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with GER 106 is equivalent to GER 105.)
PREREQ: GER 106 OR CONSENT OF INSTRUCTOR

GER 118 PRACTICAL SPOKEN GERMAN  1-2 Units
Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses.
PREREQ: CONSENT OF INSTRUCTOR

GER 201 THIRD SEMESTER GERMAN  4 Units
Reviews grammar taught during first two Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required.
PREREQ: GER 105 OR GER 107 OR CONSENT OF INSTRUCTOR

GER 203 THIRD SEMESTER GERMAN-PART I  2 Units
This course is the first module of a two-part third-Sem. sequence. Reviews grammar taught during the first two (or four) Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. (This course in combination with GER 204 is equivalent to GER 201.)
PREREQ: GER 105 OR GER 107 OR CONSENT OF INSTRUCTOR

GER 204 THIRD SEMESTER GERMAN-PART II  2 Units
Continuation of GER 203 & second module of a two-part third-Sem. sequence. Field trip may be required. (This course in combination with GER 203 is equivalent to GER 201.)
PREREQ: GER 203 OR CONSENT OF INSTRUCTOR

GER 205 FOURTH SEMESTER GERMAN  4 Units
Continuation of GER 201 or GER 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in German. Field trip may be required.
PREREQ: GER 201 OR GER 204 OR CONSENT OF INSTRUCTOR
GER 206 FOURTH SEMESTER GERMAN-PART I 2 Units
Continuation of GER 201 or GER 204. This is the first module of a two-part Fourth-Sem. sequence. Reading, writing, audio/oral practice, cultural insights based on literary texts in German. Field trip may be required. (This course in combination with GER 207 is equivalent to GER 205.)
PREREQ: GER 201 OR GER 204 OR CONSENT OF INSTRUCTOR

GER 207 FOURTH SEMESTER GERMAN-PART II 2 Units
Continuation of GER 206 & second module of a two-part Fourth-Sem. sequence. Field trip may be required. (This course in combination with GER 206 is equivalent to GER 205.)
PREREQ: GER 206 OR CONSENT OF INSTRUCTOR

GER 215 ELEMENTARY CONVERSATION AND COMPOSITION 1-2 Units
May be taken concurrently with GER 201 or by itself. Stress practical application of theory learned in four-credit courses. Written & audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit.
PREREQ: GER 105 OR GER 107 OR CONSENT OF INSTRUCTOR

GER 225 INTERMEDIATE CONVERSATION AND COMPOSITION 3 Units
Development of written & oral proficiency through systematic exposure to modern cultural developments as found in a variety of contemporary texts. Discussion & Comp. exercises deal with cultural topics Introduced by original authors.
PREREQ: GER 205 OR GER 207 OR CONSENT OF INSTRUCTOR

GER 226 INTERMEDIATE CONVERSATION AND COMPOSITION 3 Units
Continuation of GER 225.
PREREQ: GER 225 OR CONSENT OF INSTRUCTOR

GER 276 TWENTIETH CENTURY GERMAN LITERATURE IN TRANSLATION 3 Units
Concentration on 20th-Century fiction, drama, & essays. Starts with confrontation between Friedrich Nietzsche & the Naturalists, & includes major German authors such as Thomas Mann, Franz Kafka, Herman Hesse, & Heinrich Boll. Lectures in literary history & criticism, exercises in interpretation, Comp.s, oral presentations, & class discussions in English. No knowledge of German necessary. No foreign language credit

GER 277 SPECIAL TOPICS IN LITERATURE IN TRANSLATION AND/OR CULTURE AND CIVILIZATION 2-3 Units
Treats various topics of German Lit. &/or culture & civilization to be specified by instructor in campus course schedule. Lectures, class discussions, & written work in English. No knowledge of German necessary. No foreign language credit

GER 291 SELECTED TOPICS IN GERMAN Repeatable 1-3 Units
Cultural, literary, or linguistic themes as specified in campus timetable.
PREREQ: GER 205 OR GER 207 OR CONSENT OF INSTRUCTOR

GER 299 INTERMEDIATE INDEPENDENT READING Repeatable 1-3 Units
Individual student(s) assigned readings, reports, & papers on topic determined by instructor. One-on-one meetings to be arranged. Prereq: GER 205 or GER 207 & cons. instr.
PREREQ: GER 205 OR GER 207 OR CONSENT OF INSTRUCTOR

German (GERMAN)

Courses
GERMAN 141 BEGINNING GERMAN I 4 Units
Introduction to the fundamental structure of German, equally emphasizing the skills of listening, speaking, reading, and writing.

GERMAN 142 BEGINNING GERMAN II 4 Units
Continuation of GERMAN 141.
PREREQ: GERMAN 141 OR EQUIVALENT

GERMAN 251 INTERMEDIATE GERMAN I 4 Units
Systematic deepening and improving of the four language skills with emphasis on the grammatical structure. Selected reading.
PREREQ: GERMAN 142 OR EQUIVALENT

GERMAN 252 INTERMEDIATE GERMAN II 4 Units
Continuation of GERMAN 251 including outside reading in the area of the student's interest.
PREREQ: GERMAN 251 OR EQUIVALENT

GERMAN 310 GERMAN PHONETICS 3 Units
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 CONSENT OF INSTRUCTOR

GERMAN 321 ADVANCED GERMAN LANGUAGE STUDY I 3 Units
A thorough study of the structure of German with practice in oral and written application.
PREREQ: GERMAN 252 OR CONSENT OF INSTRUCTOR

GERMAN 322 ADVANCED GERMAN LANGUAGE STUDY II 3 Units
Same as GERMAN 321 but using different materials.
PREREQ: GERMAN 321 OR CONSENT OF INSTRUCTOR

GERMAN 331 READINGS IN MODERN GERMAN LITERATURE 3 Units
Reading and discussion of plays and short stories for comprehension and vocabulary building.
PREREQ: GERMAN 252 OR CONSENT OF INSTRUCTOR

GERMAN 332 READINGS IN MODERN GERMAN LITERATURE 3 Units
Reading and discussion of selected plays, short stories and poems for comprehension and vocabulary building.
PREREQ: GERMAN 331 OR EQUIVALENT OR GERMAN 252 WITH CONSENT OF INSTRUCTOR

GERMAN 350 GERMAN CIVILIZATION 3 Units
The political and cultural development of the German-speaking people with emphasis on present-day Germany, Austria and Switzerland.
PREREQ: SIX CREDITS OF 300 LEVEL COURSES IN GERMAN OR CONSENT OF INSTRUCTOR

GERMAN 360 GERMAN LANGUAGE AND CULTURE THROUGH FILM 3 Units
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 Repeatable 1 Units
A course designed to maintain and increase oral fluency in German. Emphasis on spontaneous use of the language.
PREREQ: SIX CREDITS OF 300 LEVEL COURSES IN GERMAN OR CONSENT OF INSTRUCTOR

GERMAN 451 SURVEY OF GERMAN LITERATURE 3 Units
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 GERMAN OR CONSENT OF INSTRUCTOR
GERMAN 452  SURVEY OF GERMAN LITERATURE  3 Units
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 GERMAN OR CONSENT OF
INSTRUCTOR

GERMAN 490  WORKSHOP  1-3 Units
Variable topics. Group activity oriented presentations emphasizing
‘hands on’ and participatory instructional techniques. Repeatable
PREREQ: 9 UNITS OF 300 LEVEL COURSES OR CONSENT OF
INSTRUCTOR

GERMAN 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

GERMAN 493  INTERNSHIP IN GERMAN  Repeatable  1-3 Units
Internships are available in business, government or social service
agencies for suitably prepared students wishing to pursue a career that
involves foreign languages. Repeatable. Satisfactory/No Credit Grade
Basis Only.
PREREQ: 6 CREDITS OF 300 OR 400 LEVEL GERMAN OR CONSENT OF
INSTRUCTOR

GERMAN 494  SEMINAR  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined
subject matter area emphasizing a small group in intense study with a
faculty member. Repeatable one time.

GERMAN 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable.
PREREQ: SIX CREDITS OF 300 LEVEL COURSES IN GERMAN OR
CONSENT OF INSTRUCTOR

GERMAN 497  EXCHANGE STUDY  Repeatable  1-26 Units
Variable topics. Repeatable

GERMAN 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: MAJOR OR MINOR IN GERMAN

GERMAN 498R  INDEPENDENT STUDY - UNDERGRADUATE
RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable for a maximum of 6 credits in major/degree.

GERMAN 499  GERMAN THESIS  1-3 Units
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO GERMAN
MAJORS

HES 004  SOCCER  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 005  BASKETBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 006  BEGINNING BOWLING  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 007  INTERMEDIATE BOWLING  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules & prepare students for recreational enjoyment.

HES 009  BEGINNING GOLF  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 010  INTERMEDIATE GOLF  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules & prepare students for recreational enjoyment.

HES 012  RACQUETBALL AND HANDBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 014  SOFTBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 015  INTRODUCTION TO TAI CHI  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 016  BEGINNING TENNIS  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 017  INTERMEDIATE TENNIS  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules & prepare students for recreational enjoyment.

HES 018  BEGINNING VOLLEYBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 019  WEIGHT TRAINING  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 022  INTERMEDIATE VOLLEYBALL  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules & prepare students for recreational enjoyment.

HES 023  KICKBOXING  1 Units
Develops skills, teaches rules & prepares students for recreational
enjoyment.

HES 024  AEROBIC DANCE  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 026  BICYCLING  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 027  INTRODUCTION TO FITNESS  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

Health & Exercise Science (HES) -
Rock County

Courses

HES 002  BADMINTON  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.

HES 003  CURLING  1 Units
Basic Physical Course Open to All Students. These courses develop skills,
teach rules, & prepare students for recreational enjoyment.
HES 028  ADVANCED FITNESS  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 029  CORE STRENGTH TRAINING PLYOMETRICS, BEGINNING  1 Units
Basic physical education course open to all students. This course develops skills, teaches rules, & prepares students for recreational enjoyment.

HES 030  CORE STRENGTH TRAINING PLYOMETRICS, INTERMEDIATE  1 Units
This course develops skills, teaches rules & prepares students for recreational enjoyment.
PREREQ: HES 029 OR CONSENT OF INSTRUCTOR

HES 031  BALLROOM DANCE  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 032  BEGINNING FENCING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 033  INTERMEDIATE FENCING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment. Beginning level courses or consent of instructor required for enrollment in all Int. & Advanced level courses.

HES 037  MARTIAL ARTS  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 041  BEGINNING DOWNHILL SKIING/SNOWBOARD  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 042  INTERMEDIATE DOWNHILL SKIING/SNOWBOARD  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment.

HES 043  CROSS COUNTRY SKIING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 046  YOGA-RELAXATION  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 047  INTERMEDIATE YOGA  1 Units
Basic Physical Activity Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.
PREREQ: HES 046 OR CONSENT OF INSTRUCTOR

HES 050  OUTDOOR PURSUITS  1 Units
These courses develop skills, teach rules & prepare students for recreational enjoyment.

HES 055  BEGINNING SWIMMING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 056  INTERMEDIATE SWIMMING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules & prepare students for recreational enjoyment.

HES 058  LIFE GUARD TRAINING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 061  SCUBA DIVING  1 Units
Basic Physical Course Open to All Students. These courses develop skills, teach rules, & prepare students for recreational enjoyment.

HES 062  INTERMEDIATE TAI CHI  1 Units
PREREQ: HES 015 OR CONSENT OF INSTRUCTOR

HES 070  RACQUET SPORTS  1 Units
This course develops skills, teaches rules, & prepares students for recreational enjoyment of the games of badminton, tennis & pickleball.

HES 080  TEAM SPORTS  1 Units
This course develops skills, teaches rules, & prepares students for recreational enjoyment of the games of volleyball, basketball, & team h&ball.

HES 123  CPR  1 Units
Examines the causes & prevention of cardiovascular disease & related illnesses. Recognition of cardiovascular emergencies & first aid procedures for adults, children & infants are fully explored. Proficiency in checking victims, clearing obstructed airways, rescue breathing, CPR & AED will be tested through skill practice. American Red Cross or American Heart Association certification will be earned.

HES 124  ALCOHOL AND OTHER DRUGS: AWARENESS, ALTERNATIVES  1 Units
Content includes an overview of different classes & types of psychotropic drugs (including alcohol, prescription drugs & illegal drugs) & the risks associated with abuse of these substances. The impact of substance use/abuse on physical & emotional health, relationships, & productivity will also be discussed.

HES 127  FITNESS FOR LIFE  3 Units
A contemporary examination of the effects of lifestyle, wellness, & health promotion on the individual. Instruction in procedures for self evaluation as well as individualization of exercise prescription for the development of fitness. Participation in a planned program of aerobic activity is required.

HES 131  OFFICIATING VOLLEYBALL  1 Units
Officials courses present a theoretical & practical approach to officiating athletic contests at various levels of competition. The mechanics of officiating, knowledge, interpretation of rules, & field experience are integral parts of the courses.

HES 132  OFFICIATING BASKETBALL  1 Units
Officials courses present a theoretical & practical approach to officiating athletic contests at various levels of competition. The mechanics of officiating, knowledge, interpretation of rules, & field experience are integral parts of the courses.

HES 150  INTRODUCTION TO PATIENT CARE  3 Units
Intro to patient care teaches principles & procedures in emergency, home, hospital, & nursing home medical care & is designed to prepare the student for emergencies likely to be encountered in daily living & while working in a hospital or nursing home facility. Upon successful completion, the student will be eligible to sit for the State of Wisconsin Nursing Assistant Competency Examination (Condition: 305431 Nursing Assistant Admission Requirements Met).
HES 190 INTERCOLLEGIATE ATHLETICS-GOLF  Repeatable 1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem. is required. Note: A student may take only one intercollegiate activity course per Sem..
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 191 INTERCOLLEGIATE ATHLETICS-SOCCER  1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills & behaviors related to game strategies, sportsmanship, leadership, & team-building. Active membership on the intercollegiate team through the end of the season/Sem. is required. Note: A student may take only one intercollegiate activity course per Sem..

HES 192 INTERCOLLEGIATE ATHLETICS-VOLLEYBALL  1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem. is required.
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 193 INTERCOLLEGIATE ATHLETICS-BASKETBALL  1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem. is required.
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 194 INTERCOLLEGIATE ATHLETICS-TENNIS  1 Units
This course is designed for students who participate in intercollegiate athletics, to develop skills, game strategies, & leadership/team-building skills. Active membership on the intercollegiate team through the end of the season/Sem. is required.
PREREQ: PERMISSION OF HEAD COACH/ATHLETIC DIRECTOR.
PARTICIPANTS WILL BE APPROVED BY THE HEAD COACH/ATHLETIC DIRECTOR TO PARTICIPATE ON THE TEAM, AND MUST BE ELIGIBLE AS DEFINED BY THE WISCONSIN COLLEGIATE CONFERENCE HANDBOOK.

HES 204 PRINCIPLES AND INTRODUCTION TO PHYSICAL EDUCATION  2 Units
An overview of health education, physical education, intramurals, athletics & recreation; specialized areas in the various fields & the vocational opportunities offered in each; personal & professional qualifications of a physical educator with emphasis on establishing the role of physical education in society.

HES 205 ATHLETIC INJURIES  2-3 Units
Procedures & techniques in the prevention & care of common athletic injuries. Common topics include assessment, rehabilitation, & the relationship of an athletic trainer to athletes, coaches, & administrators. Practical procedures to be completed during regular class time. A third credit may be earned if the student enrolls in & completes the additional field work/service learning portion of the course.

HES 206 PERSONAL HEALTH AND WELLNESS  3 Units
In depth examination of the various aspects of health & wellness. Students will Surv. various aspects of health & wellness which affect both the individual & the community. Topics will look at personal health & wellness throughout the lifespan. Topics include foundations of personal health & wellness, psychological health, stress, Nut., physical activity, weight Mgmt., drug use & abuse, healthy relationships, sexuality, infectious disease, & chronic disease.

HES 208 DEVELOPMENTAL ACTIVITIES FOR CHILDREN  2 Units
This course will provide a thorough examination of the theory, organization, & teaching of Physical Education to elementary school children. The development of curriculum, including written lesson & unit plans, & peer teaching assignments are requirements of this course. Students may receive credit in either HES 208 or HES 211, not both courses.

HES 209 NUTRITION AND WEIGHT MANAGEMENT  3 Units
This course will examine the basic principles of Nut., digestion, & metabolism & the effects of these principles on one's diet, weight, fitness level, & overall health. The functions, requirements, & applications of nutrients & Nut.al needs throughout the life cycle will be studied. The course will also include the basic knowledge & application of nutrient recommendations, dietary guidelines, & interrelationships of foods. It will also examine the issues of alternative Nut., food safety, & eating disorders. The course will include personal diet assessment & development of personal health goals.

HES 210 THEORY OF COACHING  3 Units
Theory & methodology of coaching both team & individual sports. Coaching psychology, Phil., & administrative responsibilities (skill assessment, practice/game organization, rules, fundamentals, & play of various sports) will be explored through lecture, lab, & field experience. Possible sports may include, but are not limited to: tennis, golf, wrestling, swimming, basketball, volleyball, soccer, & football.

HES 211 PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS  3 Units
This course will provide a thorough examination of the theory, organization, & instruction of elementary school Physical Education. Course requirements include the development of curriculum, including lesson & unit plans, & peer teaching assignments. Completion of 15 hours field experience involving the observation of local elementary school Physical Education classes is also required. Students may receive credit in either HES 208 or HES 211, not both courses.

HES 213 FIRST AID AND EMERGENCY CARE  3 Units
Examines the causes, prevention & care of first aid emergencies. Topics include recognizing & responding to emergencies, checking victims, breathing & cardiac emergencies, severe bleeding, shock, injuries, medical emergencies, special situations & healthy lifestyles. Proficiency in checking victims & caring for severe bleeding & extremity injuries will be tested through skill practice. Skills in testing & clearing obstructed airways, CPR, & AED completed for the adult only. American Red Cross or American Heart Association certification can be earned.

HES 217 SOCIAL ASPECTS OF SPORT  3 Units
A course focusing on sport institutions as social organizations & how they function within a culture or society. Emphasis is placed on group structure & membership, as well as group pressure, socialization, stratification, & deviance as they apply to the sport’s setting. Significant emphasis is placed on the role of minorities in sports. Selected topics include sport &: educational institutions, socialization, children, deviance, violence & aggression, gender & equity, race & ethnicity, social class, social mobility & stratification, economy, politics, religion, & the media.
HESES 218 WOMEN AND SPORT 3 Units
(HES 218 & GSW 218 are the same course.) A course focusing on the social dimensions & the historical & cultural foundations of women & sport in our society. Emphasis will be placed on exploring the changing roles & opportunities in sports for women, as well as how past & current beliefs regarding gender, sexuality, & race & ethnicity shape the experiences of women in sports in our society. Selected topics include: the history of physical education, activity & fitness for women in the U.S., barriers/structural constraints facing women in sports, race & ethnicity, women's health issues, sexuality & homophobia, the role of journalism & the media, career opportunities for women, & the future of sports for women in our society.

HESES 219 INTRODUCTION TO SPORTS/FITNESS MANAGEMENT 3 Units
(BUS 219 & HES 219 are the same course.) This course will provide an Intro to the sport & fitness Mgmt. industry. Emphasis will be placed on basic Mgmt. principles, marketing, public relations, finance, Eco., organizational theory, & career opportunities as they apply to the field of sports & fitness Mgmt.

HESES 220 WATER SAFETY INSTRUCTOR 2 Units
of program materials, planning & conducting effective courses, evaluation of student progress & preparation & submission of accurate reports & records are included in the course. Students successfully completing the course will be ARC certified.

HESES 224 DRUGS, BEHAVIOR AND SOCIETY 3 Units
The course will explore alcohol & other drug use/abuse & its impact on human behavior & society. Info will be presented in a variety of contexts including pharmacological, behavioral historical, social, legal & clinical.

HESES 225 ADVANCED CONCEPTS OF PERSONAL TRAINING 3 Units
This course is designed to prepare & qualify students to work as a certified personal trainer. The course bridges the gap between exercise Sci. related course work & practical skills of personal training. This professional development course prepares students for successful attainment of the National Council of Strength & Fitness Certified Personal Trainer (CPT) credential. Course content includes biomechanics, Nut., components of fitness & fitness assessments, & functional training concepts.

HESES 226 LEADERSHIP IN ADVENTURE EDUCATION & OUTDOOR PURSUITS 3 Units
This course is designed to prepare future professionals in the health, physical education, wellness, & recreation fields for facilitating an effective adventure educational Env. & for leading groups on outdoor excursions. Students will learn advanced concepts of various outdoor pursuits, safety & risk Mgmt. considerations, & large group facilitation & dynamics.

HESES 291 SPECIAL TOPICS IN PHYSICAL EDUCATION 1-3 Units
Course content must be approved by the local campus & the department chair.

HESES 299 INDEPENDENT STUDY IN PHYSICAL EDUCATION Repeatable 1-3 Units
Program must be approved by the department chair.

HESES 330 EXERCISE PHYSIOLOGY 4 Units
The primary emphasis of this course is to present Info on normal human physiological function & how it is altered & restored in response to exercise. This includes neuromuscular, metabolic, cardiovascular, hormonal, & respiratory systems. Students will be participating within the Lab with emphasis on practical application of measuring the body's response & recovery to exercise.

HESES 331 YOGA/STRESS REDUCTION 2 Units
A course designed to help students and professionals learn to effectively handle stress through specific Yoga training and mind/body connections. PREREQ: JUNIOR/SENIOR STATUS

HESES 344 PREK-12 SEXUALITY EDUCATION 3 Units
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.

HESES 360 CURRENT TOPICS IN HEALTH AND WELLNESS 3 Units
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.

Health Education (HEALTHED)

HEALTHED 181 CONTEMPORARY HEALTH 2 Units
An investigation of health areas and behaviors as they relate to the college student.

HEALTHED 240 LIFE SYSTEMS 3 Units
In this course, the predominant life systems of the human body are studied along with influences of lifestyles and environmental conditions to explore the linkages to chronic diseases and injuries. Class discussions incorporate modern health promotion strategies, including client/patient involvement, behavior change, and long-term lifestyle management.

HEALTHED 250 INTRODUCTION TO HEALTH EDUCATION 3 Units
An investigation of selected health behaviors as they relate to oneself, the community, and the world-at-large.

HEALTHED 280 INTRODUCTION TO QUALITY OF LIFE AND HEALTH PROMOTION 3 Units
This course is the designated gateway course required for students who choose to minor in health promotion and should be taken within the first 6 units of declaring a health promotion minor. It serves as an introduction to knowledge, research, and application of skills necessary for promoting health.

HEALTHED 335 EXERCISE AND HEALTH 3 Units
This is a course designed to introduce how exercise relates to an individual's health, specifically cardiovascular endurance, relaxation and nutrition. It will include background information regarding holistic health, exercise prescription, nutrition and relaxation, and the role of exercise in illness and injury prevention will be explored.

HEALTHED 340 SECONDARY HEALTH EDUCATION 3 Units
An introduction to various health belief models and philosophies with particular emphasis on health education content at the secondary level.

HEALTHED 341 YOGA/STRESS REDUCTION 2 Units
A course designed to help students and professionals learn to effectively handle stress through specific Yoga training and mind/body connections. PREREQ: JUNIOR/SENIOR STATUS

HEALTHED 344 PREK-12 SEXUALITY EDUCATION 3 Units
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 CURRENT TOPICS IN HEALTH AND WELLNESS 3 Units
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.

HEALTHED 379

379
HEALTHED 362  STRESS MANAGEMENT  3 Units
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/JUNIOR/SENIOR STATUS
HEALTHED 365  POSITIVE MENTAL HEALTH AND WELL-BEING EDUCATION  3 Units
This course is designed to introduce students to topics of positive mental health through the lens of the new positive health theory of well-being. Topics include how to effectively teach and approach positive mental health topics in the classroom, and highlight the mind-body connection through relating those positive mental health topics to more traditionally taught health education topics.
PREREQ: HEALTHED 250
HEALTHED 375  NUTRITION AND FITNESS EDUCATION  3 Units
This course is designed to highlight the importance of a nutritious diet, being physically active, and sleeping well as key factors to living a holistically healthy life (mentally, physically, and socially). Students will learn to teach and lesson plan for nutrition and fitness plans, sleep hygiene, including learning activities and experiences based on these topics' most effective principles and guidelines.
PREREQ: HEALTHED 250
HEALTHED 380  TABOO TOPICS IN HEALTH EDUCATION  3 Units
This course is designed to introduce students to taboo topics in health education that are more difficult to teach/discuss in group settings (sex, drugs, and mental illness). Students will prepare and practice discussing, planning, delivering, and facilitating these topics using sensitivity training and effective communication and listening skills with the goal of increasing competency and comfort while discussing these topics.
PREREQ: HEALTHED 250
HEALTHED 382  ELEMENTARY HEALTH EDUCATION  2 Units
Teaching and learning experiences in selected content areas of health education. Designed for the elementary teacher.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL EDUCATION
HEALTHED 440  ADVANCED STRESS MANAGEMENT  3 Units
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/HEALTHED 562 OR SOCWORK 303 OR CONSENT OF INSTRUCTOR
HEALTHED 445  TEACHING HEALTH EDUCATION  3 Units
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 470  HEALTH BEHAVIOR THEORY  3 Units
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. Health behavior theories are critically analyzed and applied to health promotion scenarios.
PREREQ: HEALTHED 280
HEALTHED 471  RESEARCH IN HEALTH AND PHYSICAL ACTIVITY  3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR
HEALTHED 475  HEALTH PROMOTION PROGRAMMING  3 Units
This course will emphasize strategic planning to promote health and will apply the concepts of needs assessment, planning, implementation, and evaluation for health promotion programs.
PREREQ: JUNIOR OR SENIOR STATUS
HEALTHED 480  HEALTH PROMOTION MANAGEMENT  3 Units
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.
HEALTHED 490  WORKSHOP IN HEALTH  Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 6 credits in major/degree.
HEALTHED 492  FIELD STUDY: HEALTH  Repeatable 1-12 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR
HEALTHED 493  INTERNSHIP  Repeatable 6-12 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR
HEALTHED 496  SPECIAL STUDIES  Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
HEALTHED 497  EXCHANGE STUDY  Repeatable 1-12 Units
Variable topics.
HEALTHED 498  INDEPENDENT STUDY  Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major/degree.
PREREQ: HEALTH MINOR AND 2.75 GPA OR CONSENT OF DEPARTMENT
History (HIS) - Rock County

Courses

**HIS 100  FIRST YEAR SEMINAR IN HISTORY:SELECTED TOPICS**  3 Units
In this seminar style course designed for first Sem. freshmen, students will learn about a historical topic in depth & from different angles while also focusing on critical thinking, analysis of various types of sources, historical interpretation, & debates among historians. Students will also be introduced to college level expectations & study habits.

**HIS 101  HISTORY OF THE UNITED STATES: FROM THE ERA OF THE COLUMBIAN EXCHANGE TO THE ERA OF THE CIVIL WAR**  3 Units
A Surv. of American political, economic, social, & intellectual history from the Age of European Exploration & the period of colonization to the era of the American Civil War. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics, &/or Asian Americans into US history in a manner that fosters understanding & appreciation of the perspectives & experiences of at least two of these groups as well as their contributions to, & interactions within, American society.

**HIS 102  HISTORY OF THE UNITED STATES: FROM THE ERA OF THE CIVIL WAR TO THE PRESENT**  3 Units
A Surv. of American political, economic, social, & intellectual history from the era of the Civil War to the Present. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics, &/or Asian Americans into US history in a manner that fosters understanding & appreciation of perspectives & experiences of at least two of these groups as well as their contributions to, & interactions within, American society.

**HIS 105  HISTORY OF WESTERN CIVILIZATION FROM ANCIENT TIMES TO THE ERA**  3 Units
Surv. of West Civilization from ancient times through the Renaissance, emphasizing the distinctive features of West culture, political development, economic development, & the contributions made by non-West people.

**HIS 106  HISTORY OF WESTERN CIVILIZATION FROM THE ERA OF THE RENAISSANCE**  3 Units
Surv. of West Civilization from the Renaissance to contemporary times, emphasizing the further development of West culture, political institutions, & economic institutions, including reference to the interaction among the peoples of the modern world.

**HIS 111  ANCIENT NEAR EAST AND GREECE**  3 Units
Survey of the history of civilization from ancient Mesopotamia and Egypt through Classical Greece with emphasis on institutional and social development.

**HIS 112  THE ROMAN REPUBLIC AND THE MEDITERRANEAN WORLD**  3 Units
Survey of the history of civilization from Alexander the Great through the fall of the Roman Empire with emphasis on institutional and social development.

**HIS 119  THE MAKING OF MODERN EUROPE**  3 Units
An Intro to the principal developments in the history of Europe from the Renaissance to the fall of Napoleon

**HIS 120  EUROPE AND THE MODERN WORLD, 1815 TO THE PRESENT**  3 Units
A general Surv. of the political, economic, social, & cultural history of modern West civilization

**HIS 127  THE WORLD IN THE TWENTIETH CENTURY**  3 Units
Surv. of the major trends in Europe, Asia, Africa, & the Americas since 1900; the two world wars; the social & political revolutions of our time; Fascism & Communism; & the new states of Africa & Asia.

**HIS 161  WORLD HISTORY TO 1500**  3 Units
A topical approach to the history of premodern humankind. Special attention will be given to the emergence, development, & interaction of civilizations in Asia, Africa, Europe, & the Americas

**HIS 162  WORLD HISTORY SINCE 1500**  3 Units
A topical history of global humankind with emphasis on the rise of the West to world dominance & the various ways in which the peoples of Africa, Asia, & Latin America have responded to the West challenge.

**HIS 204  INTRODUCTION TO PUBLIC HISTORY**  3 Units
An Intro to the field of public history with topics for classroom discussion including the concept of public memory, historic preservation theory & practice, creation of museum exhibits, & career opportunities in the field of history outside of education. Students will apply knowledge gained from the course to evaluate historic exhibits & gain field work by undertaking their own exhibit, archival or preservation Proj.

**HIS 208  THE FILM AS SOCIAL HISTORY**  3 Units
This course will focus on the feature & documentary films produced in a particular historical period or on a specific historical topic. Through viewing selected films, the student will gain a deeper understanding of the motion picture's significance as an historical document, as well as its function as a propaganda device. The course will relate the thematic content of the selected films to the specific historical context in which they were produced & consumed.

**HIS 210  WORKERS, PROTEST AND SOCIAL CHANGE IN US HISTORY**  3 Units
Examines changes in work methods, culture and experiences of working people in US history from colonial days through the present. Includes labor in colonial America, slavery, industrialization, union development and struggles, workers in the World Wars, post war technological and workplace changes. Integrates the experiences, perspectives and contributions of African Americans, Native Americans, and Hispanics into US labor history.

**HIS 211  HISTORY OF THE AMERICAN FRONTIER**  3 Units
A history of the American frontier emphasizing the influence & role of the frontier in the development of American society from the colonial period to the present, focusing on the creation of & disputes over what became the Trans-Mississippi West. As an Ethnic Studies (ES) course, this course examines the frontier as a borderland where African Americans, Native Americans, Hispanics, Asian Americans & Euro-Americans met & interacted. It will foster an understanding & appreciation of the perspectives of each group.

**HIS 213  RECENT LATIN AMERICA**  3 Units
Recent development of Hispanic & Portuguese America, emphasizing the evolution of Indp. states

**HIS 214  MODERN REVOLUTIONS**  3 Units
An Intro to the study of history through the examination of revolutionary eras. Case studies may include but are not limited to the following options: the American, French, Russian, Chinese, Cuban, & Iranian revolutions, & the Revolutions of 1848 & 1899.

**HIS 215  MEDIEVAL EUROPE**  3 Units
General Intro to the history of Europe, from the later Roman Empire to the end of the Middle Ages
HIS 216 MODERN GERMANY 1815 - PRESENT  3 Units  
Political, social, economic, & cultural development from the end of the Napoleonic wars, through the founding of the German Empire, World War I, the Weimar Republic, the Nazi era, World War II, & the postwar period. Emphasis is on evolution of conservatism, liberalism, socialism, & nationalism; the rise of Hitler & National Socialism; & the re-orientation of Germany after 1945

HIS 218 THE UNITED STATES AND VIETNAM  3 Units  
An investigation of the war in Southeast Asia, 1945-1975, focusing on these topics: Southeast Asian historical context, French colonialism, Southeast Asian cultural & political contexts, Vietnamese nationalism, the role of the Cold War, American involvement, the debate on American policy, experiences of US soldiers & South East Asian participants, American withdrawal, conclusion of the fighting, & long-term effects in the U.S., in South East Asia & globally

HIS 219 HISTORY OF MODERN RUSSIA  3 Units  
A consideration of the major themes & personalities of Russian history since 1917.

HIS 221 THE FIRST WORLD WAR  3 Units  
This course examines the causes, course & consequences of the First World War. Major topics include: the origins of the war, the reasons for the failure of early military plans & the onset of trench warfare; the dawn of total war; the reasons for the eventual Allied victory; the peace negotiations & consequences of the war in not only Europe but in the Middle East, Africa, & Asia as well.

HIS 222 RECENT CHINESE HISTORY  3 Units  
This course examines major events, personalities, & trends in twentieth-century China. Among the topics examined are the end of the Qing dynasty, the 1911 revolution, the Japanese occupation, the civil war, the Great Leap Forward, the Cultural Revolution, post-Mao China, & economic, Env.al, political, & demographic challenges facing contemporary China.

HIS 223 ENGLISH HISTORY: ENGLAND TO 1688  3 Units  
General Surv. of the political, economic, social, & cultural history of Engl& from earliest historic times.

HIS 224 BRITISH HISTORY: 1688 TO PRESENT  3 Units  
General Surv. of the political, economic, social, & cultural history of Great Britain

HIS 226 TWENTIETH CENTURY EUROPE  3 Units  
Study of the major political, social, & cultural developments of Europe since 1900

HIS 240 PRIMARY SOURCES IN HISTORY  3 Units  
The study of specific historical topics through the use of primary sources. Includes exposure to techniques & problems of using & interpreting original sources.

HIS 250 HISTORY OF THE FAMILY  3 Units  
The pre-industrial family; the effect of industrialism, childrearing, courtship, adolescence, domestic life, old age, death, & dying. Emphasis on American &/or European experience.

HIS 253 HISTORY OF PARIS  3 Units  
This course will focus on the history of Paris, France from 1700 to the present. Drawing upon a variety of historical, literary & artistic sources, the history of French civilization will be explored, with special emphasis on politics, Eco., social & artistic movements

HIS 254 AMERICAN FOREIGN RELATIONS, 1763 TO THE PRESENT  3 Units  
America's interactions with the world, emphasizing the global & domestic economic, political & ideological elements influencing policy.

HIS 255 PROSEMINAR IN HISTORY  3 Units  
This course will explore a historical topic through readings, discussion, & written assignments

HIS 256 TOPICS IN HISTORY  1 Units  
This course will explore in depth an historical topic through lectures, discussions, readings, & written assignments

HIS 257 ORIGINS AND HISTORY OF WORLD WAR II  3 Units  
Background & history of World War I. Problems of peacemaking & international organization, rise of Fascism, National Socialism, & Japanese imperialism; breaking the peace; World War II.

HIS 258 THE HOLOCAUST: POLITICS OF PEACE, NATIONALISM, AND WAR  3 Units  
This class presents students with the historical background & current scholarly debate about the best documented genocide in recent history. A combination of race based thinking, radical nationalism & brutality occasioned by war opened the door for the Nazi Party to lead Germans & other Europeans in a systematic campaign to eliminate the Jews. Students will explore a variety of sources produced during & after the period, including films, posters & Lit.. Raised will be questions about the limits of obedience to authority, what constitutes race or ethnic differences, & ultimately whether or not guilt for related crimes can ever be forgiven.

HIS 260 THE RISE AND FALL OF NAZI GERMANY 1919-1949  3 Units  
This class will begin with the emergence of radical nationalism in Germany after its defeat in WW I along with the failures of parliamentary democracy in the Weimar republic. The course will focus on the political & cultural fears that enabled Hitler’s rise to power, the economic & racial policies pursued by the government during its first six years in power, & then the provocation of world war. Additionally, the class will deal with post-war defeat, & in the division of Germany into separate nations.

HIS 261 CRIME AND PUNISHMENT IN EUROPE AND AMERICA SINCE 1500  3 Units  
The history of crime & punishment in Europe & America since 1500. Emphasis on social context of the legislative creation of new crimes, the origin of prisons, changes in the types of crime committed as urbanization & industrialization advance, the evolution of the criminal justice systems in Europe & America, & the comparison & interpretation of differential crime rates in Europe & America.

HIS 262 SOURCES OF RACIST THINKING IN WESTERN CIVILIZATION AND ITS IMPACTS ON THE WORLD OF THE AMERICAS  3 Units  
Starting with Columbus, explores the myths & ideas establishing racist thinking in the societies Europeans set up in the Americas & the U.S.. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, & Asian Americans into US history in a manner that fosters understanding & appreciation of the perspectives & experiences of these groups & their interactions within American society.

HIS 270 AMERICAN BUSINESS HISTORY  3 Units  
The role of business in American society from colonial times to the present. Changes in managerial practices within the firm & in relation to the larger community. Origins of American capitalism, appearance of corporate organization, work patterns, changing business ethics & their legal Env., government regulation, & international trade.
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<td>HIS 271</td>
<td>HISTORY OF SCIENCE AND TECHNOLOGY</td>
<td>3 Units</td>
<td>This course Surv.s American &amp;/or West scientific thought from its origins to the present. It also focuses on how scientific thought becomes translated to everyday life through technology. It also examines how Sci. &amp; technology affects government, Eco., &amp; culture. Emphasis on American &amp;/or West Sci. &amp; technology.</td>
</tr>
<tr>
<td>HIS 272</td>
<td>HISTORY AND CULTURE OF THE SCIENCES</td>
<td>3 Units</td>
<td>This course will examine, in a historical context, how Sci. has been constructed &amp; how it has interacted with other aspects of society, such as politics, religion, culture, &amp; Eco.. These themes will be addressed by closely studying two transformations in scientific &amp; human thought: first, the shift from an Earth-centered to a sun-centered Univ., &amp; second, the development of the theory of Evolution by natural selection. Finally, we will briefly consider the emergence of new major scientific &amp; cultural transitions which are now occurring.</td>
</tr>
<tr>
<td>HIS 273</td>
<td>HISTORY OF RELIGION IN THE UNITED STATES</td>
<td>3 Units</td>
<td>This course examines the history of religion in the U.S. from the colonial era to the present, with special emphasis on how religious freedom &amp; a diversity of religious beliefs have affected American society. The course will include discussions of various Christian denominations &amp; sects, non-Christian religions (e.g., Judaism &amp; Islam), Native American religions, &amp; slave religion.</td>
</tr>
<tr>
<td>HIS 275</td>
<td>THE MODERN MIDDLE EAST</td>
<td>3 Units</td>
<td>This course will familiarize students with the major contours of Middle Eastern history from the times of Muhammad, during the seventh century C.E., to the present, with special emphasis on the twentieth century. We will treat issues of politics, Eco., diplomacy, war, &amp; social, cultural, &amp; intellectual change &amp; continuity, placing particular importance on developing an understanding of nationalism &amp; Islam in the modern Middle East.</td>
</tr>
<tr>
<td>HIS 277</td>
<td>INDIANS IN AMERICAN HISTORY</td>
<td>3 Units</td>
<td>This course Surv.s U.S. history with emphasis on contact in the age of exploration, interactions over time between Europeans &amp; Native Americans, adaptations &amp; conflicts that emerged. The course will approach this from social, political, &amp; economic perspectives from the colonial period to the present. This Ethnic Studies (ES) course focuses on understanding the perspectives of Native Americans.</td>
</tr>
<tr>
<td>HIS 278</td>
<td>HISTORY OF MINORITIES IN AMERICA</td>
<td>3 Units</td>
<td>This course will explore the role of racial minorities including African Americans, Native Americans, Hispanics, &amp; Asian Americans. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of these groups into US history in a manner that fosters understanding &amp; appreciation of their perspectives &amp; experiences as well as their contributions to, &amp; interactions within, American society. Many instructors also explore the experiences of ethnic, religious, &amp; sexual minorities, or other traditionally underrepresented group.</td>
</tr>
<tr>
<td>HIS 279</td>
<td>WOMEN IN AMERICAN HISTORY</td>
<td>3 Units</td>
<td>(HIS 279 &amp; GSW 280 are the same course.) This course will focus on the struggle by women to acquire social equity &amp; access to equal opportunity &amp; political rights from the colonial times to the present. Students will learn about key figures in the areas of social reform, the right to vote, &amp; fight against job discrimination while exploring the larger historical context in which these leaders operated.</td>
</tr>
<tr>
<td>HIS 280</td>
<td>HISTORY OF THE GREAT LAKES REGION, 1600-1870</td>
<td>3 Units</td>
<td>This course traces the development of the Great Lakes Region as a distinct physiographic, economic, political, &amp; cultural area in North America. The historical development of such an international region within the context of traditional nationalism &amp; international rivalry, as well as its impact &amp; influence with in the respective nations. A frame of reference is provided for comparison with other regions with in the North American milieu.</td>
</tr>
<tr>
<td>HIS 283</td>
<td>WAR AND AMERICAN SOCIETY</td>
<td>3 Units</td>
<td>An investigation of the impact of wars on American society. Wars from the earliest European settlement through the wars of the early 21st century may be included. The home front will be emphasized, with attention to wartime politics &amp; economy, civil liberties, the experience of non-combatants, &amp; the larger social effects of war.</td>
</tr>
<tr>
<td>HIS 285</td>
<td>RECENT AMERICAN HISTORY, 1917-1945</td>
<td>3 Units</td>
<td>Political, social, economic, &amp; cultural changes in America during World War I, the Twenties, the Great Depression, &amp; World War II.</td>
</tr>
<tr>
<td>HIS 286</td>
<td>RECENT AMERICAN HISTORY, 1945-PRESENT</td>
<td>3 Units</td>
<td>Exploration of important developments in American political, economic, social, cultural &amp; intellectual history from 1945 to the present.</td>
</tr>
<tr>
<td>HIS 288</td>
<td>REPRESENTATIVE AMERICANS</td>
<td>3 Units</td>
<td>A biographical approach; evaluation of contributions of leading Americans to the nation's development.</td>
</tr>
<tr>
<td>HIS 289</td>
<td>COLONIAL AND REVOLUTIONARY AMERICA, 1607-1789</td>
<td>3 Units</td>
<td>The establishment &amp; political, social, &amp; economic development of the English colonies in North America; origins &amp; consequences of the American Revolution; &amp; the establishment of the new nation.</td>
</tr>
<tr>
<td>HIS 290</td>
<td>HISTORY OF WISCONSIN</td>
<td>3 Units</td>
<td>History of Wisconsin from the beginning of the historical period to the present, with emphasis on the economic &amp; social aspects of Wisconsin history since 1815.</td>
</tr>
<tr>
<td>HIS 294</td>
<td>INTERNSHIP IN PUBLIC HISTORY</td>
<td>1-3 Units</td>
<td>An individually arranged internship in an area museum, historic site, public agency, preservation Proj., or other cultural organizations for students to gain practical experience as public historians. The internship is intended for advanced students with prior history coursework. Students will work under the supervision of a faculty member &amp; receive credit based on hours employed &amp; completion of a final report summarizing how their experiences reflect classroom learning &amp; how they will apply their experience in future work. Repeatable for a maximum of 6 credits. PREREQ: HES 204 OR CONS. INSTR</td>
</tr>
<tr>
<td>HIS 297</td>
<td>THE UNITED STATES, 1917 TO THE PRESENT</td>
<td>3 Units</td>
<td>Political, social, economic, &amp; cultural changes in America from 1917 to the Present.</td>
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<tr>
<td>HIS 298</td>
<td>CIVIL WAR AND RECONSTRUCTION</td>
<td>3 Units</td>
<td>Analysis of slavery in the Old South, the anti-slavery movement, the conflict between the North &amp; South (sectionalism), the significance of the Civil War, presidential &amp; congressional reconstruction, the position of the freedmen in the South &amp; postwar America.</td>
</tr>
<tr>
<td>HIS 299</td>
<td>INDEPENDENT STUDIES</td>
<td>1-3 Units</td>
<td>Extensive reading for the purpose of Surv.ing the Lit. on a particular historical subject, possibly including a research Proj., under the personal supervision of the instructor. The subject matter is open, to be determined by the student &amp; instructor. Students will be encouraged to use off-campus resources when available. PREREQ: CONSENT OF INSTRUCTOR</td>
</tr>
</tbody>
</table>
HISTORY 124 provides a complete American history survey. This course taken in conjunction with HISTORY 125 provides a complete survey of American history from colonization through the Civil War era. 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.

HISTORY 125 AMERICAN HISTORY SINCE 1877 3 Units
A study of the United States from 1877 to the present, analyzing the evolution of economic, political, social and cultural values and institutions from colonization through the Civil War era.

HISTORY 130 THE EAST ASIAN TRADITION 3 Units
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.

HISTORY 131 EAST ASIA SINCE 1800 3 Units
A survey of China, Korea and Japan in the nineteenth and twentieth centuries centering on the process of modernization in these countries.

HISTORY 135 INTRODUCTION TO ISLAMIC CIVILIZATIONS 3 Units
This course examines emergence and evolution of Islamic Civilizations from the seventh century though 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.

HISTORY 141 MODERN BLACK AMERICAN HISTORY 3 Units
A critical examination and analysis of the status and role of Black Americans in the United States since 1865.

HISTORY 142 ANCIENT AFRICAN HISTORY 3 Units
This is an introductory class to Ancient African history spanning the time period from the earliest human societies up to the period before the trans-Atlantic slave trade. Significant attention is placed on diversity, achievements and technological developments of African societies, and Africa’s contributions and interactions with the wider world before 1400AD.

HISTORY 150 ATLANTIC HISTORY 3 Units
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.

HISTORY 154 WESTERN CIVILIZATION 3 Units
An examination of the social, cultural, political and economic forces that have shaped Western civilization from early ancient Mediterranean cultures to the eighteenth century.

HISTORY 155 HISTORY OF MODERN EUROPE 3 Units
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 HISTORY 154 provides a complete survey of Western civilization.

HISTORY 190 NORTH AMERICAN ENVIRONMENTAL HISTORY 3 Units
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 also will explore the ways in which people have historically defined, used, and modified nature to suit their needs and interests.
HISTORY 200  HISTORICAL METHODS   2 Units
This course provides an introduction to the methods historians use to study the past. Through short assignments and quizzes, students will develop their skills in critically reading, analyzing, and researching historical topics. The emphasis is on basic research skills including information literacy and citations.
PREREQ: HISTORY MAJOR, COMPLETION OF SIX UNITS IN HISTORY (MAY INCLUDE GENED 120) OR CONSENT OF INSTRUCTOR

HISTORY 202  INTRODUCTION TO PUBLIC HISTORY   3 Units
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.
PREREQ: COMPLETION OF SIX UNITS IN HISTORY (MAY INCLUDE GENED 120) OR CONSENT OF INSTRUCTOR

HISTORY 241  CIVIL RIGHTS HISTORY: TRAVELING FREEDOM'S MAIN LINE   3 Units
Explores the origins, history, and legacies of the Black civil rights movement (c. 1950s - 1970s) at many of the sites where this history was made (includes multi-state travel). Learning through place promotes an experiential understanding of this freedom struggle and how it changed the people who made it and the nation.
PREREQ: SOPHOMORE STANDING
CROSS-LISTED: HISTORY 241 AND AFRIAMR 241

HISTORY 255  CRITICAL ISSUES  Repeatable   3 Units
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.

HISTORY 261  SOUTHEAST ASIA SINCE 1800 - TENSIONS OF DEVELOPMENT   3 Units
Southeast Asia is a region that today consists of eleven nations. The course is intended to provide a general introduction to Southeast Asia to have a better understanding about the historical events that gave the region its own regional identity and its deep implication to the changes of global system in the nineteenth and twentieth centuries.

HISTORY 300  AMERICAN COLONIAL HISTORY TO 1763   3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 301  REVOLUTION AND CONFEDERATION 1763-1789   3 Units
A study of the revolutionary generation and of the political, economic and social developments of the new nation to 1789.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 304  THE AGE OF CIVIL WAR AND RECONSTRUCTION 1850-1877   3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 305  FROM THE GILDED AGE TO THE WORLD STAGE, 1875-1920   3 Units
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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 306  AMERICA IN PROSPERITY, DEPRESSION AND WORLD WAR II, 1919-1945   3 Units
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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 307  RECENT AMERICA, 1945 TO THE PRESENT   3 Units
A study of American society, diplomacy, economics, and politics from the end of World War II to the present.

HISTORY 308  HMONG AMERICANS: HISTORICAL AND CONTEMPORARY ISSUES   3 Units
This course focuses on the history, culture, and contemporary life of Hmong Americans. In addition to exploring their origins and history in China and Southeast Asia, this course investigates the ways in which race, class, gender, and sexuality have shaped the social, cultural, economic, and political transformations in the Hmong communities since their immigration to America after the Vietnam War.
CROSS-LISTED: HISTORY 308 ASIANAM 308

HISTORY 310  ASIAN AMERICAN HISTORY, 1850-PRESENT   3 Units
This course surveys Asian American history from 1850 to the present. It explores the changing experiences of Asian immigrants and Asian Americans within the larger context of immigration and race relations in American history, and it focuses on contemporary issues facing Asian Americans and how Asian Americans are changing the United States.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 311  WISCONSIN HISTORY   3 Units
A study of Wisconsin from its first settlement to the present day with emphasis upon the late nineteenth century and the twentieth century.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 313  WOMEN IN AMERICAN HISTORY I: 1600-1875   3 Units
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 STATUS

HISTORY 314  WOMEN IN AMERICAN HISTORY II: 1875 TO THE PRESENT   3 Units
A study of women and gender in American history, 1875 to the present. The course focuses on topics of work, family and political activism. Particular attention is given to the diverse and inter-related experiences of women of different race and ethnic groups.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 321  A HISTORY OF BLACK MIGRATION IN THE U.S.   3 Units
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
CROSS-LISTED: AFRIAMR 321 AND HISTORY 321
HISTORY 322  UNITED STATES FOREIGN RELATIONS AND EMPIRE, 1790 TO RECENT PAST  3 Units
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 323  RACE, ROCK & ROLL AND AMERICAN HISTORY  3 Units
This course explores the history of rock music in America as a lens into race and ethnicity. It also uses the study of rock to teach methods of historical practice. Topics will include slave musical traditions, 19th century European ethnic and African-influenced music, the blues, jazz and modern rock
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 324  AMERICAN INDIAN HISTORY  3 Units
A study of the role of the Native American in United States History with special emphasis on Indian policies of the colonizing nations, United States government policies, Indian cultures and contemporary problems and issues.
PREREQ: GENED 120 OR 3 CREDITS OF HISTORY OR CONSENT OF INSTRUCTOR

HISTORY 336  EMPIRES & INVASIONS IN THE PRE-MODERN MIDDLE EAST: 500-1500  3 Units
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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 337  MODERNIZATION IN THE MIDDLE EAST  3 Units
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 INSTRUCTOR

HISTORY 338  ARAB-ISRAELI CONFLICT, 1900-PRESENT  3 Units
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 INSTRUCTOR

HISTORY 339  THE CRUSADES IN COMPARATIVE PERSPECTIVE  3 Units
This course focuses on the crusading movements of 1096-1254 CE and their impact on both Western European and Middle Eastern societies.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 340  MODERN AFRICA  3 Units
The course covers the history of Africa from the mid-19th century to the contemporary period. The course examines major problems, events, and interactions in Africa and Africa's relationship with the world. Course themes include social change, colonial experience, independence movements, post-independence governments, globalization in Africa, and contemporary successes and problems.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 341  AFRICAN WOMEN'S HISTORY FROM 1800 TO THE 1970S (GH)  3 Units
The course addresses the experiences of African women from 1800 to independent Africa with a focus on women's experiences and their contributions to African societies. The course covers changing ideas about gender and evaluates women's positions in African societies including rulers, warriors, politicians, activists, and average farmers.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: HISTRY/WMENST 341

HISTORY 342  CONQUEST AND COLONIALISM IN LATIN AMERICA  3 Units
This course introduces Latin American history from the pre-Columbian era to 1860. 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  3 Units
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

HISTORY 344  HISTORY OF MEXICO  3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 347  REVOLUTIONARY CHANGE IN LATIN AMERICA  3 Units
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 STATUS

HISTORY 351  REBELLION AND REVOLUTION IN ENGLAND, 1066-1688  3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 352  SOCIETY AND CULTURE IN MODERN BRITAIN 1763-PRESENT  3 Units
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

HISTORY 353  ANCIENT HISTORY  3 Units
A study of the civilization of the Ancient Near East, of Greece and of Rome.
PREREQ: SOPHOMORE STANDING
HISTORY 354  MEDIEVAL EUROPE  3 Units
A survey of basic political, socio-economic, cultural and religious trends in European history from A.D. 300 to 1500.
PREREQ: SOPHOMORE STANDING

HISTORY 355  EARLY MODERN EUROPE, 1300-1600  3 Units
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

HISTORY 361  HISTORY OF SEXUALITY  3 Units
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

HISTORY 362  AMERICAN BUSINESS HISTORY  3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 363  FROM GODDESSES TO WITCHES: WOMEN IN PREMODERN EUROPEAN HISTORY  3 Units
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

HISTORY 364  MODERN EUROPEAN WOMEN'S HISTORY  3 Units
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

HISTORY 367  HISTORY OF CAPITALISM IN THE WEST  3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 371  HISTORY OF RUSSIA TO 1815  3 Units
A survey of Russian history to 1815, emphasizing its relationship to major problems in European history.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 372  HISTORY OF RUSSIA SINCE 1815  3 Units
A survey of Russian history in the nineteenth and twentieth centuries, emphasizing relationships to major European and world problems.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 375  THE AGE OF EUROPEAN REVOLUTIONS, 1789-1848  3 Units
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

HISTORY 376  RISE AND FALL OF THE FRENCH OVERSEAS EMPIRE  3 Units
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 INSTRUCTOR

HISTORY 377  HISTORY OF TWENTIETH CENTURY EUROPE  3 Units
A survey of the political, economic, social, and cultural history of Europe since about 1914.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 385  MODERN CHINA  3 Units
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 CROSS-LISTED: HISTORY 386 AND ASIANSTD 385

HISTORY 386  MODERN JAPAN  3 Units
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 CROSS-LISTED: HISTORY 386 AND ASIANSTD 386

HISTORY 390  AMERICAN MILITARY HISTORY  3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 394  THE U.S. AT WAR IN VIETNAM  3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 395  THEMATIC OR REGIONAL TOPICS IN HISTORY (VARIABLE TOPIC) Repeatable  3 Units
Study of a major theme or region in history. The course may be defined thematically across geographical regions or by a study of a specific region overtime. The particular topic of the course will be published before registration.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

HISTORY 399  RESEARCH METHODS  3 Units
History 399 is part of the history methods block of courses. Taken in sequence after History 200 and in preparation for History 499, this course will give students experience in exploring diverse archival and secondary source collection in preparation for their writing capstone experience in History 499.
PREREQ: HISTORY 200, AT LEAST 18 UNITS OF HISTORY, JUNIOR STANDING, OR CONSENT OF INSTRUCTOR

HISTORY 403  HISTORY OF THE AMERICAN WEST  3 Units
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 CREDITS OF HISTORY OR CONSENT OF INSTRUCTOR
HISTORY 415  HISTORY OF SOCIAL WELFARE IN THE UNITED STATES  3 Units
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: HISTRY 200 AND 6 CREDITS OF 300 OR 400 LEVEL HISTORY, OR CONSENT OF INSTRUCTOR

HISTORY 422  GREAT TRIALS IN HISTORY  3 Units
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 CONSENT OF INSTRUCTOR

HISTORY 425  HISTORY OF AMERICAN INDIAN LAW AND POLICY  3 Units
The purpose of this course is to explain the unique nature of the historic and contemporary federal-Indian relationship. Students completing the course will gain a clearer understanding of the legal process by which American Indians were first subjugated to federal law and policy, and later became active agents by using that same legal system to preserve, protect, and enhance identity and tribal sovereignty in recent years.
PREREQ: JUNIOR/SENIOR STATUS

HISTORY 445  20TH CENTURY COMPARATIVE GENOCIDES  3 Units
The course covers major genocides in the 20th century. The course examines definitions of genocide, historical causes and consequences and contemporary debates regarding the local and global impacts of these events. The course also evaluates long-term consequences. This course is equivalent to a senior seminar and requires a 12 to 15-page research paper.
PREREQ: HISTRY 200 AND 6 CREDITS OF 300 OR 400 LEVEL HISTORY, OR CONSENT OF INSTRUCTOR

HISTORY 455  STUDIES IN EUROPEAN OR US HISTORY (VARIABLE TOPIC)  3 Units
Intensive study of a focused theme or topic in either European or US history close to the research interests of the faculty member. The course includes a 12 to 15-page research paper that serves as one of the artifacts for the senior history portfolio course. This is a variable topics course.
PREREQ: HISTORY 200 AND 6 CREDITS OF 300 OR 400 LEVEL HISTORY, OR CONSENT OF INSTRUCTOR

HISTORY 465  STUDIES IN AFRICA, ASIA, MIDDLE EAST OR LATIN AMERICA (VARIABLE)  3 Units
Intensive study of a focused theme or topic in African, Asian, Middle Eastern, or Latin American history close to the research interests of the faculty member. The course includes a 12 to 15-page research paper that serves as one of the artifacts for the senior history portfolio course. This is a variable topics course.
PREREQ: HISTRY 200, 6 CREDITS OF 300 OR 400 LEVEL HISTORY, OR CONSENT OF INSTRUCTOR

HISTORY 475  SENIOR PORTFOLIO  1 Units
Students will submit a variety of artifacts from course work from their history majors courses to a portfolio to demonstrate their level of accomplishment in skills related to the discipline of history. In addition students will also prepare materials for further education or employment such as a resume and requesting letters of reference.
PREREQ: HISTORY MAJOR, ONE 400 LEVEL HISTORY CAPSTONE COURSE OR CONSENT OF INSTRUCTOR

HISTORY 490  WORKSHOP  1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

HISTORY 491  TRAVEL STUDY  Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

HISTORY 492  FIELD STUDY  Repeatable 3-6 Units
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: GENED 120 OR 3 CREDITS OF HISTORY OR CONSENT OF INSTRUCTOR

HISTORY 493  PUBLIC HISTORY INTERNSHIP  Repeatable 1-6 Units
Study and work with a historical agency under the direction of a faculty supervisor. May include a related research project. Students will have the opportunity to combine academic learning with practical experience in the operation of a historical agency. Repeatable for a maximum of 6 credits in the history major.
PREREQ: HISTORY 200 AND HISTORY 202 OR CONSENT OF INSTRUCTOR

HISTORY 494  SEMINAR  Repeatable 2 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

HISTORY 496  SPECIAL STUDIES IN HISTORY  Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable two times for a maximum of 6 credits in major/degree.

HISTORY 497  EXCHANGE STUDY  Repeatable 1-12 Units
Variable topics.

HISTORY 498  INDEPENDENT STUDY  Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable two times for a maximum of 2 credits in major/degree.

HISTORY 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable two times for a maximum of 2 credits in major/degree.

HISTORY 499  SENIOR THESIS  3 Units
A capstone writing seminar. Senior level History majors employ their previously completed research and analytical skills to complete a perceptive monograph.
PREREQ: HISTRY 200 AND HISTRY 399 OR CONSENT OF INSTRUCTOR
Hmong (HMONG)

Courses

HMONG 141 BEGINNING HMONG I 4 Units
Beginning Hmong I is designed for students with little or no knowledge of the Hmong language. Students will develop basic reading, writing, listening and speaking skills in Hmong. Students will also begin to examine the history of the Hmong people, language and culture in their native lands and in the United States.

HMONG 142 BEGINNING HMONG II 4 Units
Beginning Hmong II is designed for students who have passed Beginning Hmong I or have some knowledge of the Hmong language. Students will increase their Hmong proficiency level in reading, writing, listening and speaking. This course will explore Hmong language, culture and history in greater depth and allow students to discuss events orally.
PREREQ: BEGINNING HMONG I (HMONG 141) OR EQUIVALENT

Information Technology & Supply Chain Management (ITSCM)

Courses

ITSCM 105 #coolIT 3 Units
This course explores the transformative power of technology through a series of hands-on labs, activities, and lectures. Students will learn about the history of technology, explore Web 2.0, use cutting edge software tools, and gain insight into today's disruptive technologies. This class is appropriate for all levels of technology experience.

ITSCM 180 INTRODUCTION TO PROGRAMMING FOR BUSINESS APPLICATIONS 3 Units
This course introduces the essentials of object-oriented programming for business application. Students will learn programming fundamentals, object-oriented design, file I/O, and fundamental data structures within the context of building tools for business end-users. Topics related to the business environment, such as eliciting software requirements and effective technical communication are also covered.
PREREQ: BUSINESS MAJOR (STUDENTS IN BBA DEGREE) OR OTHER MAJOR OR MINOR FOR WHICH THIS COURSE IS AN OPTION

ITSCM 221 INFORMATION TECHNOLOGY INFRASTRUCTURE 3 Units
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 MAJOR, 2.50 COMBINED CUMULATIVE GPA AND 24 CREDITS OR FOR ALL OTHER MAJORS, 2.00 GPA AND 24 CREDITS

ITSCM 230 INTRODUCTION TO BUSINESS ANALYTICS 3 Units
Business Analytics (BA) is the process of developing actionable decisions or recommendations for actions based on insights generated from data. This course will provide students with an understanding of: the basic concepts of BA; the role of BA in today's organizations and its relationship to business intelligence; and the basic methodologies, systems, and tools that support BA.
PREREQ: BUSINESS MAJOR, 2.50 COMBINED CUMULATIVE GPA AND 24 CREDITS OR FOR ALL OTHER MAJORS, 2.00 GPA AND 24 CREDITS.

ITSCM 280 INTRODUCTION TO INFORMATION SYSTEMS 3 Units
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 AND 2.50 COMBINED CUMULATIVE GPA OR PUBLIC POLICY MAJOR

ITSCM 285 BUSINESS WEB APPLICATION DESIGN 3 Units
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: SOPHOMORE STATUS LOWER LEVEL BUSINESS REQUIREMENTS

ITSCM 306 OPERATIONS MANAGEMENT 3 Units
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 152 OR MATH 243 OR MATH 250 OR MATH 253 AND ECON 245; ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 310 ENTERPRISE SYSTEMS & BUSINESS PROCESS INTEGRATION 3 Units
This course introduces students to enterprise/ERP systems and their importance for business process integration. Managerial and technical issues in planning, designing, and implementing such systems are also discussed. Students have the opportunity of practicing course concepts in an industry used ERP system.
PREREQ: ITSCM 280; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 314 DATABASE DESIGN AND ADMINISTRATION 3 Units
This course teaches students how to analyze, design and implement a computerized database. It further teaches students how to use a database to answer questions and support analyses. Students learn the basics of administering a database including providing security, performance tuning, backup and recovery, and other administrative tasks.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 315 ACCESSIBILITY IN HIGH TECH PRODUCTS AND SYSTEMS 3 Units
The course explores the notion of "accessibility" in products and services in context of its legal, technical, and organizational dimensions. It provides immersion in team design and development efforts and related business plan approaches. It equips students to evaluate and promote efforts pertaining to accessible and inclusive high technology.
PREREQ: SOPHOMORE STATUS, SPECEDE 201 OR SOCIOLGY 315 OR POLISCI 331
ITSCM 320 BUSINESS ANALYSIS 3 Units
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: ITSCM 280 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

ITSCM 331 SYSTEM ADMINISTRATION 3 Units
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: ITSCM 180 AND ITSCM 221; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 332 NETWORK MANAGEMENT 3 Units
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: ITSCM 180 AND ITSCM 221; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 382 VISUALIZATION, INFOGRAPHICS, AND TECHNICAL DOCUMENTATION 3 Units
The course explores data visualization, infographic design, and information presentation methods and technologies, along with technical documentation basics. It equips students to produce and critically evaluate visualization, presentation, and documentation efforts in high-technology contexts. Students are immersed in team design and development as well as case studies of organizational initiatives.
PREREQ: ITSCM 280; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 384 DATA MINING FOR BUSINESS ANALYTICS 3 Units
This course provides an introduction to the major methods used in the data mining of quantified data including data warehouses and data marts to support business analytics. Students will learn and apply an understanding of classification, association and prediction methods. The role of understanding the data in the context of the organization and its environment will be examined.
PREREQ: ITSCM 180 AND ITSCM 230; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 385 AGILE PROJECT MANAGEMENT 3 Units
This course is designed to allow students from all disciplines to understand how to manage agile 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 agile PM is covered using live cases and examples.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 410 BUSINESS PROCESS ANALYTICS & MANAGEMENT 3 Units
This course introduces students to the various concepts and techniques in business process analytics and management including modeling, analyzing, discovering and improving business processes. Students will learn to work with business process simulation and analytics software to model, analyze, discover and improve business processes.
PREREQ: ITSCM 310 OR ITSCM 320 OR ITSCM 230; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUM GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 414 MINING UNSTRUCTURED DATA 3 Units
This course provides an overview of methods used to extract meaning from computer captured data sources beyond the traditional data warehouse. This would include: text mining, web site mining, click stream analysis, social media, external data sources and emerging areas such as mining of photos and sound.
PREREQ: ITSCM 180 AND ITSCM 230; ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 444 IT SECURITY ANALYTICS 3 Units
Security analytics are imperative to provide traceable and accurate data that IT and security professionals can analyze and present to management for making informed decisions related to the organization’s cyber risk. This course introduces security analytics as a platform that is built on data infrastructure to converge user identity, security information and event management, network data flow, and diverse applications.
PREREQ: ITSCM 180, ITSCM 221, ECON 245, ITSCM 314, ITSCM 380; ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 445 QUALITY MANAGEMENT 3 Units
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: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
ITSCM 450  OPERATIONS PLANNING  3 Units
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: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 451  MANAGING INFORMATION TECHNOLOGY SERVICES  3 Units
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: ITSCM 221, ITSCM 314, ITSCM 320, AND ITSCM 385; SENIOR STANDING; ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS AND 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 452  INFORMATION ASSURANCE AND SECURITY  3 Units
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: ITSCM 331 AND ITSCM 332 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 455  LEAN SIX SIGMA: TOOLS AND TECHNIQUES  3 Units
This course is designed for students from all disciplines to develop a basic understanding of Lean and Six Sigma tools and techniques used to improve organizational efficiency. Topics include inventory replenishment systems, process and product design techniques, and continuous improvement tools and techniques. The course's tools and techniques are applicable across all areas of a business.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 456  GLOBAL SUPPLY CHAIN MANAGEMENT  3 Units
The course uses a supply chain management framework to study flow of material through global enterprises. The course focuses on sourcing, facility location, production, and distribution of products in a global environment. Specifically, topics include supply chain metrics, supply chain drivers, supply chain risks, and network design/coordination.
PREREQ: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 457  SUPPLY CHAIN INTEGRATION AND REVIEW  1 Units
In this course students will understand and integrate a body of knowledge related to international supply chain management, metrics, mitigation methods for risk/uncertainty, scheduling and planning, strategic/master planning of resources, customer and supplier relations management and quality and lean manufacturing.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 460  TRADITIONAL PROJECT MANAGEMENT  3 Units
This course is designed for students from all disciplines to develop a basic understanding of traditional project management. Topics will include planning, scheduling, budget and resource allocation, quality and control, risk management, and stakeholder communication and management. The course is aligned with the PMBOK® Guide. This course may require visiting/working with local firms in setting up such systems.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 462  PURCHASING MANAGEMENT  3 Units
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: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 465  GLOBAL OPERATIONS STRATEGY  3 Units
A study of the integration of operations planning, management, and control to create effective operation 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.
PREREQ: ITSCM 306; ADMISSION TO THE COLLEGE AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 466  SERVICE AND SUSTAINABLE OPERATIONS  3 Units
Students learn about the problems of producing services, which are compared and contrasted with manufacturing. Students also become familiar with the numerous tools for increasing environmental, financial, and social sustainability throughout supply chains, including suppliers, internal operations, transportation, facilities, customer use, and disposal. These tools include life cycle analysis, project management, design for the environment, and industrial ecology.
PREREQ: ITSCM 306, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 471  INTRODUCTION TO SUPPLY CHAIN ANALYTICS  3 Units
Theory and application of quantitative analytic methods used in operations and supply chain decision situations. Topics include model building, decision theory, deterministic and probabilistic problems, simulation, linear, discrete, non-linear, and dynamic programming.
PREREQ: ITSCM 306
ITSCM 480 MANAGEMENT INFORMATION SYSTEMS 3 Units
Study of the "total systems" concept. Understanding of an integrated information system, employing a computer and data processing equipment for use by management for planning and control purposes. Analysis of actual information systems used in industry and the government. This course may not be used to satisfy Management Computer Systems major requirements.
PREREQ: 75 CREDITS TOWARD DEGREE, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 485 PROJECT Repeatable 1-3 Units
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.

ITSCM 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable. Consent of Instructor required.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 491 TRAVEL STUDY Repeatable 3 Units
Variable topics. Faculty-led courses abroad.

ITSCM 493 IT INTERNSHIP Repeatable 3 Units
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 IT faculty and fellow students.
PREREQ: ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THE COURSE IS AN OPTION

ITSCM 493S SUPPLY CHAIN MANAGEMENT INTERNSHIP 3 Units
This course is a structured-supervised work experience within the area of Supply Chain Management. The internship experience offers the student an opportunity to merge supply chain metrics, scheduling/planning, strategic/master planning, supplier/buyer relations, and/or quality & lean concepts with real-world activities in business, government or the non-profit sector.
PREREQ: ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THE COURSE IS AN OPTION

ITSCM 495 EMERGING TECHNOLOGIES 3 Units
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: ITSCM 331 AND ITSCM 332 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable. Consent of Instructor required.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

ITSCM 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. Repeatable to a maximum of 15 credits.

ITSCM 498 INDEPENDENT STUDIES Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major/degree. Department Consent required.
PREREQ: SENIOR STATUS, CONSENT OF DEPARTMENT CHAIR. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

Integrated Science-Business (SCIBUS)

Courses
SCIBUS 185 INTRO TO INTEGRATED SCIENCE AND BUSINESS 1 Units
An introduction to Integrated Science and Business, career tracks and career opportunities. This course will feature a program overview plus seminars and readings on different senior level projects integrating science and business. Professional skills, identification of career tracks, and scientific and business communication will be emphasized. One hour lecture per week.

SCIBUS 485 INTEGRATED SCIENCE-BUSINESS SENIOR PROJECT 3 Units
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, 2.50 GPA FOR BUSINESS MAJORS AND SCIBUS 493 (ISB INTERNSHIP) OR CONSENT OF INSTRUCTOR. CROSS-LISTED: SCIBUS 485 AND BEINDP 485

SCIBUS 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.
SCIBUS 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

SCIBUS 493 SCIENCE-BUSINESS INTERNSHIP 3 Units
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, 2.5 GPA, AND AT LEAST 30 CREDITS TOWARD MAJOR
CROSS-LISTED: SCIBUS 493 AND BEINDP 493

SCIBUS 496 SPECIAL STUDIES Repeatable 1-3 Units
Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

SCIBUS 497 EXCHANGE STUDY Repeatable 1-12 Units

SCIBUS 498 INDEPENDENT STUDIES Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Interdisciplinary Studies (INT) - Rock County

Courses
INT 290 PUERTO RICO IN THE 20TH CENTURY: HISTORY AND LITERATURE Repeatable 1-5 Units
The first part to this course is an eight-week study via D2L where students will read, discuss & write essays regarding the American colonization of Puerto Rico after 1898. Puerto Rico has a rich history based in multi-racial, Hispanic speaking population. By exploring the history & Lit. of this locale, students can obtain a better understanding about the response of a people who struggle to retain an older, traditional identity while being forcibly incorporated into a different culture. The second part of the course is a ten-day trip to PR after the D2L portion. Upon return, students will write responses to the visit & relate what they have seen to the literary & historical themes present in the D2L portion of the class.

International and Area Studies (INTRNAR)

Courses
INTRNAR 200 ISSUES IN INTERNATIONAL STUDIES: INQUIRY AND WRITING IN THE MAJOR 3 Units
Introduction to International Studies is the gateway course to the major. It is a writing-intensive course that will help students develop the communication and critical analysis skills necessary to succeed in higher-level courses in their emphases. It also introduces them to career options to students with International Studies degrees.
PREREQ: INTERNATIONAL STUDIES MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

INTRNAR 291 TRAVEL STUDY Repeatable 1-4 Units
Variable topics. Faculty-led courses abroad.

INTRNAR 348 INTERNATIONAL ORGANIZATIONS 3 Units
The course will explore theoretical perspectives as well as the expanding roles of international organizations in the context of global politics. It will 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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 348 AND INTRNAR 348

INTRNAR 488 TOPICS IN INTERNATIONAL STUDIES Repeatable 3 Units
An intensive study of selected topics in International Studies. Subject matter will vary depending on the department and faculty member responsible for the course. Repeatable for a maximum of 6 credits in major/degree (for different topics only).

INTRNAR 491 TRAVEL STUDY Repeatable 1-4 Units
Variable topics. Faculty-led courses abroad.

INTRNAR 493 INTERNSHIP IN INTERNATIONAL AND AREA STUDIES Repeatable 1-12 Units
Study and work with an international unit or in some area of public affairs under the direction of a faculty supervisor. Students will have the opportunity to combine academic learning with practical experience in government and politics. Repeatable for a maximum of 12 credits in major/degree.

INTRNAR 494 SEMINAR Repeatable 1-3 Units
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.

INTRNAR 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

INTRNAR 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

INTRNAR 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Intrauniversity (INTRAUNV)

Courses
INTRAUNV 93 CAREER READINESS INTERNSHIP Repeatable 1-3 Units
This is a non-degree seeking continuing education, repeatable course. It is part of a two-semester internship program to build and enhance job readiness and employment outcomes of individuals with developmental, intellectual or severe disabilities. Each internship is hosted at one of 27 business sites, in partnership with Project SEARCH, a Division of Vocational Rehabilitation, pre-employment training opportunity. Prior approval required.

INTRAUNV 104 NEW STUDENT SEMINAR 1 Units
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 higher education and potential outcomes as well as develop skills of social interaction, self-awareness, and personal development.
PREREQ: OPEN TO FIRST SEMESTER NEW STUDENTS ONLY (FRESHMEN TRANSFER IN DESIGNATED SECTIONS) ANTI-REQ: STUDENTS MAY NOT REPEAT INTRAUNV 104
INTRAUNV 124 SERVICE LEARNING & LEADERSHIP  1 Units
This course is designed for learning community students, as an opportunity to maintain contact with instructors from linked fall/spring courses, engage in service in the surrounding community and receive training in leadership. This course will directly focus on the Liberal Education America's Promise (LEAP) Essential Learning Outcome (ELO) of Personal and Social Responsibility.

INTRAUNV 144 CAREER AND ACADEMIC PLANNING  1 Units
This class is designed to provide students with an approach to career and academic development that includes career assessment, educational/career research, clarification of majors and career interests. Students will also learn about school and work related decision-making and goal setting processes.

INTRAUNV 244 CONSUMERS AND CULTURE  3 Units
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 PREREQ

INTRAUNV 296 SPECIAL STUDIES  1-3 Units

INTRAUNV 300 CREDIT FOR PRIOR LEARNING PORTFOLIO COURSE Repeatable  1.5-4.5 Units
The Credit for Prior Learning Portfolio Course offers adult students and veterans the opportunity to demonstrate, through portfolio, college-level learning they have already done but not earned credit for. Students who build successful portfolios can earn credit for up to three courses offered at UW-W.

INTRAUNV 490 WORKSHOP Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

INTRAUNV 494 SEMINAR Repeatable  1-3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

INTRAUNV 496 SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

INTRAUNV 497 INDEPENDENT STUDIES Repeatable  1-12 Units
INTRAUNV 498R INDEPENDENT STUDIES Repeatable  1 Units
Study of a selected topic or topics in undergraduate research under the direction of a faculty member. Repeatable.

Italian (ITA) - Rock County

Courses
ITA 103 FIRST SEMESTER ITALIAN--PART I  2 Units
For students who have had no previous training in the language. This course is the first module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in Italian. Classes may include cultural studies of Italy & other Italian-speaking countries or regions.

ITA 104 FIRST SEMESTER ITALIAN--PART II  2 Units
Continuation of ITA 103 & second module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in Italian. Classes may include cultural studies of Italy & other Italian-speaking countries or regions.
PREREQ: ITA 103 OR CONSENT OF INSTRUCTOR

ITA 106 SECOND SEMESTER ITALIAN--PART I  2 Units
Continuation of ITA 104. This is the first module of a two-part, second-semester sequence. Emphasis on reading, writing, listening, & speaking in Italian. Classes may include cultural studies of Italy & other Italian-speaking countries or regions.
PREREQ: ITA 104 OR CONSENT OF INSTRUCTOR

ITA 107 SECOND SEMESTER ITALIAN--PART II  2 Units
Continuation of ITA 106. This is the second module of a two-part, second-Sem. sequence. Emphasis on reading, writing, listening, & speaking in Italian. Classes may include cultural studies of Italy & other Italian-speaking countries or regions.
PREREQ: ITA 106 OR CONSENT OF INSTRUCTOR

Japanese (JAPANESE)

Courses
JAPANESE 101 BEGINNING JAPANESE I  4 Units
Japanese 101 is the first semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.

JAPANESE 102 BEGINNING JAPANESE II  4 Units
Japanese 102 is the second semester of a two-semester, beginning Japanese language course which emphasizes oral skills but also introduces the written language (hiragana and katakana syllabaries). It also exposes students to the culture of Japan.
PREREQ: JAPANESE 101 OR EQUIVALENT

JAPANESE 103 BEGINNING JAPANESE III  4 Units
Beginning Japanese III is the third semester Japanese course. Its main objective is to continue the development of the four foundational language skills: speaking, listening, writing and reading. This course helps students to communicate and exchange information about familiar topics using a variety of basic grammar and expressions, and to interact in brief social interactions in everyday situations.
PREREQ: JAPANESE 102

JAPANESE 201 INTERMEDIATE JAPANESE I  4 Units
Intermediate Japanese I is the fourth semester Japanese course. Its main objective is the development of the four main language skills at an intermediate level of proficiency. This course helps students to participate in conversations on a number of familiar topics using simple sentences, and interact in brief social interactions in everyday situations.
PREREQ: JAPANESE 103 OR EQUIVALENT

JAPANESE 202 INTERMEDIATE JAPANESE II  3 Units
Intermediate Japanese II is the fifth semester Japanese course. Its main objective is to continue the development of the four language skills at an intermediate level of proficiency, as well as of sociolinguistic knowledge of the language. This course helps students to communicate everyday needs in common conversational situations and to handle uncomplicated social situations.
PREREQ: JAPANESE 201
JAPANESE 203  INTERMEDIATE JAPANESE III  3 Units
Intermediate Japanese III is the sixth semester Japanese course. Its main objective is to enhance and further develop the four language skills at an intermediate level of proficiency. This course helps to develop knowledge of grammar and vocabulary needed for topics beyond everyday life, converse in an organized way about events and people's experiences, places, and cultural topics.
PREREQ: JAPANESE 202

JAPANESE 301  JAPANESE CONTEMPORARY ISSUES THROUGH THE LENS OF THE MEDIA  3 Units
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 CONSENT OF INSTRUCTOR

JAPANESE 490  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable.

JAPANESE 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

JAPANESE 493  INTERNSHIP IN JAPANESE  Repeatable  1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only.

JAPANESE 494  SEMINAR  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

JAPANESE 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

JAPANESE 497  EXCHANGE STUDY  Repeatable  1-99 Units
Variable topics. Repeatable.

JAPANESE 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

JAPANESE 499  THESIS IN JAPANESE STUDIES  1-3 Units
PREREQ: JAPANESE 203 OR CONSENT OF INSTRUCTOR

Journalism (JOURNLSM)

Courses

JOURNLSM 220  FOUNDATIONS OF ADVERTISING  3 Units
A survey of advertising and its role as an institution in society, both as a marketing tool and as a communication process.

JOURNLSM 224  MEDIA CRITICISM  3 Units
An introduction to critical and analytical approaches to writing about narrative performative and media texts, such as film, television, stage plays, and digital/online texts. Students will learn about the form and historical/production contexts of media texts and will write reviews and critical analyses of specific films, TV shows, video games, and other texts, for a variety of outlets and audiences.

JOURNLSM 227  WRITING FOR NEWS MEDIA  3 Units
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 Units
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 newspapers. Stories will be told through text and through audio, video and other digital formats.
PREREQ: JOURNLSM 227, RESTRICTED TO STUDENTS WITH A MAJOR OF JOURNALISM W/BROADCAST/PRINT/WEB EMPHASIS OR W/ INTERNATIONAL JOURNALISM EMPHASIS OR W/ A MINOR OF JOURNALISM

JOURNLSM 241  ELECTRONIC MEDIA COPYWRITING  3 Units
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.

JOURNLSM 245  PUBLICATION EDITING  3 Units
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 248  PUBLICATION LAYOUT  3 Units
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  Repeatable  1 Units
A laboratory journalism course in which the student elects to work on the University newspaper or photo staff. A student may earn 1 hour of credit for each term of work and a maximum of 3 credits toward graduation.
COREQ: JOURNLSM 227

JOURNLSM 303  FEATURE WRITING  3 Units
A study of feature writing and editorial writing and their roles in print publications. Experience in writing feature articles and opinion pieces.
PREREQ: JOURNLSM 227 OR JOURNLSM 241 OR COMM 203

JOURNLSM 304  SPORTS JOURNALISM  3 Units
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 HISTORY OF MASS COMMUNICATION 3 Units
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.
PREREQ: JUNIOR/SENIOR STATUS

JOURNLSM 309 MEDIA ETHICS 3 Units
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: (A) COMM 238 AND COMM 239 OR (B) COMM 131 OR (C) JOURNLSM 227 OR (D) JOURNLSM 220, AND 2.5 GPA IN THE MAJOR QUALIFIER BLOCK FOR EACH MAJOR BELOW ELECTRONIC MEDIA: BROADCAST/PRINT/WEB: ADVERTISING:

JOURNLSM 310 PUBLICATION PHOTOGRAPHY 3 Units
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 Units
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 Units
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 Repeatable 1-3 Units
The core of the class will be the planning and execution of regularly scheduled live television news programs produced in the studio of Cable 6. The instructor of the class will guide the students in that activity. Students in the course will each have a specific role to play in the production. The number of credits is variable.
PREREQ: COMM 238 AND EITHER JOURNLSM 227 OR JOURNLSM 241

JOURNLSM 341 TELEVISION NEWS REPORTING AND PRODUCTION 3 Units
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: COMM 238 AND EITHER JOURNLSM 227 OR JOURNLSM 241

JOURNLSM 347 JOURNALISM FOR THE WEB 3 Units
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 364 ADVERTISING AND PUBLIC RELATIONS ACCOUNT MANAGEMENT 3 Units
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 RESTRICTED TO STUDENTS WITH A MAJOR OF JOURNALISM W/ADVERTISING EMPHASIS OR COMMUNICATION W/PUBLIC RELATIONS EMPHASIS OR WITH A MINOR OF ADVERTISING OR COMMUNICATION W/PUBLIC RELATIONS EMPHASIS

JOURNLSM 420 LAW OF MASS COMMUNICATION 3 Units
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 227 OR JOURNLSM 220 OR COMM 131

JOURNLSM 423 ADVERTISING CAMPAIGNS 3 Units
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: COMM 275 AND JOURNLSM 320 AND JOURNLSM 322; COREQ: JOURNLSM 364 AND JOURNLSM 309

JOURNLSM 425 ADVANCED ADVERTISING CREATIVE 3 Units
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 COMMUNICATION AND PUBLIC OPINION 3 Units
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 227 OR JOURNLSM 220 OR ANY COURSE IN POLITICAL SCIENCE OR SOCIOLOGY, AND EITHER JUNIOR STANDING OR INSTRUCTOR CONSENT

JOURNLSM 431 MASS COMMUNICATION IN SOCIETY 3 Units
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 JOURNLSM 227 OR JOURNLSM 220.
LATINX 200 INTRODUCTION TO U.S. LATINX LITERATURE  3 Units
This course presents students with the diverse U.S. Latinx experiences, by introducing them to texts that examine literary works by authors of Latino/Latina backgrounds, in their historical context and cultural context.
CROSS-LISTED: ENGLISH 202 AND RACEETH 202

LATINX 301 CHICANX HISTORY  3 Units
This course deepens students' knowledge of the literatures produced by U.S. citizens and/or U.S. residents of Latinx descent. It considers the complex ways in which 1) history, 2) group and individual experience, 3) cultural values and traditions, and 4) collisions and collaborations with other cultures in the US come together to shape Latinx identity, writing and overall literary expression.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: ENGLISH 337 LATINX 337

LATINX 407 LATINA/LATIN AMERICAN WOMEN'S WRITING, ACTIVISM & CHANGE  3 Units
This course analyzes writing by Latinas and Latin American women (XIX century-present), as well as the theories that frame their writing. Exposed to various themes and writing styles, students will engage in textual analysis and critical discussion to reflect on the authors' cultural and historical challenges as they engage in social change from their gendered and/or racialized critical identities.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162; OR ANY LATINX, OR CHICANO COURSE; OR CONSENT OF INSTRUCTOR
CROSS-LISTED: LATINX 407 WOMENST 407

LATINX 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.

LATINX 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable.

LATINX 493G INTERNSHIP IN JOURNALISM Repeatable 1-3 Units
Professional experiences in which the student who aspires to a career in journalism works for an approved internship setting in broadcasting, on-line, or print journalism under the supervision of a professional in that field.

LATINX 494 SEMINAR Repeatable 1-4 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

LATINX 496 SPECIAL STUDIES Repeatable 1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

LATINX 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. Repeatable.

LATINX 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS

Leadership Military Science & Aerospace (LDRSHP)

Courses
LDRSHP 101 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE I  1 Units
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 Units
Continues building on framework for understanding USAF organizational structure, officership values, communicative skills, customs and courtesies, and Air Force missions.
PREREQ: LDRSHP 101 (WAIVERABLE BY DEPT CHAIR UNDER UNUSUAL CIRCUMSTANCE WITH COMMITMENT TO SIX WEEK FIELD TRAINING ENCAMPMENT)

CROSS-LISTED: ENGLISH 202 AND RACEETH 202
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

Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-110. Emphasis is on understanding group dynamics and increasing student expertise in communication and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

PREREQ: RESTRICTED TO FRESHMEN, SOPHOMORE, JUNIOR

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

Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-120. Emphasis is on understanding group dynamics and increasing student expertise in communication and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

Students apply basic concepts and principles of leadership in actual situations complementing instruction learned in 450-110. Emphasis is on understanding group dynamics and increasing student expertise in communication and motivational skills. In addition, basic military skills are learned and practiced in this two-hour lab once per week.

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

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.

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.

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 CONSENT OF INSTRUCTOR

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 210 OR CONSENT OF INSTRUCTOR

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 321 LEADERSHIP LABORATORY 1 Units
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 Units
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.

LDRSHP 350 HISTORY OF THE UNITED STATES MILITARY 3 Units
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.

LDRSHP 401 NATIONAL SECURITY AFFAIRS 3 Units
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.

LDRSHP 402 PREPARATION FOR ACTIVE DUTY 3 Units
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.

LDRSHP 410 LEADERSHIP IN A COMPLEX WORLD I 3 Units
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.

LDRSHP 411 LEADERSHIP LABORATORY 1 Units
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 LEADERSHIP IN A COMPLEX WORLD II 3 Units
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.

LDRSHP 421 LEADERSHIP LABORATORY 1 Units
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 461 AFROTC LEADERSHIP LAB Repeatable 0 Units
Provides a structured environment within which commissioning candidates can demonstrate and fine tune leadership, management and professional officer skills. Cadets examine their own leadership/ follower strengths and weaknesses through practical application.

LDRSHP 496 SPECIAL STUDIES Repeatable 1-3 Units
LDRSHP 498 INDEPENDENT STUDIES Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

Learning Resources (LEA) - Rock County

Courses

LEA 101 ACADEMIC READING 3 Units
An Intro to Indp. academic reading at a college level. Emphasizes strategies for increasing comprehension, varying reading rate, & developing critical reading skills. Focuses on assignments & activities that help students achieve the learning outcomes for first-year Comp. & other difficult reading-intensive courses that require students to write about nonfiction reading.

LEA 102 LEARNING SKILLS 3 Units
A workshop or discussion course that helps students develop college-level learning skills. Campuses may offer a general academic skills class or focus a section of LEA 102 on a specific area of college learning. Emphases may include managing time, using technology for academic learning, taking notes, studying textbooks, taking tests, developing an academic vocabulary, conducting & organizing research, thinking critically, working effectively in groups, & giving presentations.

LEA 103 COLLEGE READING AND STUDY STRATEGIES 1-3 Units
A reading-intensive course that that helps students develop effective strategies for reading textbooks & nonfiction texts, taking notes, studying for exams, & taking tests.

LEA 104 CAREER PLANNING AND PREPARATION 1-3 Units
This course will enable students to develop career goals & lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision making skills, academic plans, & career awareness. This personal, educational, & occupational Info will then be organized & translated into an individualized course of action. Integration of career goals with current & future college course work will be stressed.

LEA 110 TRIO WRITING STUDIO Repeatable 1 Units
A workshop or tutorial course that provides individualized & small group instruction to help students develop college-level reading & writing skills. Taken concurrently with a Comp. course or other writing-intensive class. This course is offered by a campus TRIO program. TRIO students only.
LEA 111 TRIO ACADEMIC LEARNING  1-3 Units
An Intro to Indp. academic reading at a college level. Emphasizing strategies for increasing comprehension, varying reading rate, & developing critical reading skills. Focuses on assignments & activities that help students achieve the learning outcomes for first-year Comp. & other difficult reading-intensive courses that require students to write about nonfiction reading. This course is offered by a campus TRIO program.

LEA 112 TRIO LEARNING SKILLS  1-3 Units
A workshop or discussion course that helps students develop college-level learning skills. Campuses may offer a general academic skills class or focus a section of LEA 112 on a specific area of college learning. Emphases may include managing time, using technology for academic learning, taking notes, studying textbooks, taking tests, developing an academic vocabulary, conduction & organizing research, thinking critically, working efficiently in groups & giving presentation. This course is offered through a campus TRIO program.

LEA 113 TRIO MATH TUTORIAL  Repeatable  1 Units
A small-group and individualized instruction course that focuses on mathematics and strategies for succeeding in mathematics courses. This course is offered by a campus TRIO program. Consent of Instructor. TRIO students only.

COREQ: CONCURRENT ENROLLMENT IN ANY MATHEMATICS COURSE.

LEA 114 CAREER PLANNING AND PREPARATION  1-3 Units
This course will enable students to develop career goals & lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision making skills, academic plans, & career awareness. This personal, educational, & occupational Info will then be organized & translated into an individualized course of action. Integration of career goals with current & future college course work will be stressed.

LEA 116 ENGLISH AS A SECOND LANGUAGE  1-3 Units
A program dealing with English as a second language for students whose native language is not English. The program is designed to assist foreign students in improving their skills in spoken & written English for successful academic work at the university level. This course is offered by the campus TRIO/student support services program.

LEA 120 INTERMEDIATE COMPOSITION TUTORIAL  1-3 Units
A tutorial that provides individualized instruction to help students complete the core writing requirement, develop critical reading skills, successfully complete college-level writing based on sources, & use flexible strategies for Indp.ly engaging in the writing process. Taken concurrently with a degree-credit Comp. course after the first college Sem..

PREREQ: ENG 099 COMPOSITION TUTORIAL

LEC 100 FIRST-YEAR SEMINAR  1 Units
A course that helps students make the transition to college by promoting active learning as well as student involvement & responsibility in the learning process, assisting students in the development of life Mgmt. skills, & engaging students on campus. Each LEC 100 section incorporates a specific subject of inquiry. Consult the campus course schedule for additional Info. EL TRIO students only.

LEC 101 UNIVERSITY FORUM  Repeatable  1 Units
A lecture-discussion course designed to introduce students to current problems & significant issues. Open to freshmen & sophomores. May be taken three times for a maximum of three credits.

LEC 102 LIBRARY AND RESEARCH SEMINAR  1 Units
This course will explore research processes using print & electronic formats. It includes the identification & analysis of searches & sources, the proper organization & integration of Info gathered & the consideration of intellectual property issues.

LEC 104 COURSE SUPPLEMENT  Repeatable  1 Units
A lecture-discussion course used to supplement & explore concepts & ideas as designated by the instructor. May be taken up to three times for a maximum of three credits.

LEC 110 INTRODUCTION TO EXPERIENTIAL LEARNING  1 Units
An Intro to college-level experiential learning, including prior learning, service-learning, & internships. How to document experiential learning with an electronic portfolio. Open to all students. Prereq: None. (Home department: Business & Eco.)

LEC 115 WORLD LANGUAGE SERVICE LEARNING  Repeatable  1-2 Units
To apply, practice & improve language skills & cultural awareness in a real world, practical context while concurrently providing service to the local community. Course is applicable for any language. One to two credits based on hours of service & classroom lecture & discussion. Credits are determined by combined number of hours of classroom instruction & service but must include a minimum of 8 hours of service. One credit is earned for 15 hours of classroom & service Proj.. Two credits are earned for 30 hours of classroom instruction & service..

COREQ: CONCURRENT ENROLLMENT IN LANGUAGE 101 OR HIGHER OR CONSENT OF INSTRUCTOR

LEC 200 SOPHOMORE SEMINAR  1 Units
A course designed to enhance the sophomore experience & position students for success as they prepare to complete bachelor-degree studies. Topics may vary from one course to another & may focus on developments in various academic fields & professions, on values & issues in the contemporary workplace, &/or on other topics designed to assist students at this point in their undergraduate education. Course might complement internship opportunities.

LEC 250 DESIGNING A DYNAMIC WORLD LANGUAGE PROGRAM  1 Units
This class provides you with the tools to design a dynamic language program for yourself, your students or your organization. It is designed for anyone who wants to learn a second language; teachers of second languages including ESL; principals & other administrators who want to understand the basis for organizing an effective second language program in their schools. Managers from business & non-profits may also benefit from this Info. During most of the course, objectives will be demonstrated using beginning M&arin Chinese.

LEC 251 DIFFERENTIATION OF INSTRUCTION FOR LANGUAGE LEARNERS  1 Units
Through demonstration of active, h&s-on & practical methods & techniques, this course helps language instructors examine the characteristics of an effective differentiated classroom. You will learn how to frame instruction around mastery of the s&hards & how to introduce differentiation of content, process & products & differentiating on the basis of students' readiness, interest & learning profiles. Special concerns of differentiation in the world language classroom will also be discussed. This is a learning by doing course. Methods & techniques will be demonstrated using beginning M&arin Chinese.
LEC 252  ACTIVE LANGUAGE LEARNING  1 Units
This learning by doing course provides practical methods & activities that
tap the communication modality & help transform language classrooms
into dynamic & stimulating learning Env.s. Methods will be demonstrated
using Mandarin Chinese.

LEC 253  DEVELOPING THEMATIC UNITS AND LESSON PLANS FOR
SECOND LANGUAGE INSTRUCTION  1 Units
Schools & organizations have different philosophies & expectations for
instruction. Students, meanwhile, have different needs based on their
ages, learning styles, time constraints, groups, culture, ability & myriad
other factors. Learn how to create thematic units & lesson plans that
reflect the goals & philosophies of your organization while meeting
the unique needs of the students. We will examine best practices for
structuring & sequencing a lesson & we will create charts that keep you
focused on the goals, objectives & learning outcomes

LEC 254  DEVELOPING CLASSROOM MATERIALS FOR SECOND
LANGUAGE INSTRUCTION  1 Units
Every instructor has a unique style & every class a different need. Learn
to create the materials that match your style & the needs of your students &
that reinforce active methods. Students will understand the different
types of materials needed for the classroom & how to create them. Types
of materials will include games, music, booklets, texts & manuals, & use
of technology as a teaching tool.

LEC 290  SPECIAL TOPICS IN INTEGRATED STUDIES  0 Units
Interdisciplinary courses involving major components & faculty from
more than one breadth area. Must have a departmental sponsor, approval
of Senate Curriculum Committee & endorsement of all departments
involved

LEC 300  STUDY ABROAD Repeatable  3-18 Units
Resident study for an extended period at an approved university or
other institution of higher education outside of the U.S.. Admission
requirements, prerequisites, & costs will vary depending on the site &
program of study. Complete Info is available from your UW Colleges’
Student Services Office

Letters & Sciences Interdepartmental
(LESDP)

Courses

LESDP 282  LEARNING ASSISTANT SEMINAR Repeatable  1 Units
Tutoring methods and practice are discussed with a focus on inquiry-
based learning. Students are required to spend at least one hour each
week tutoring any middle school, high school, or university student(s) or
as a Learning Assistant in addition to participating in weekly discussions.

LESDP 291  TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

LESDP 296  SPECIAL STUDY Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable only with change of topic.

LESDP 399  CAREER INFORMATION IN LETTERS & SCIENCES  1 Units
Offered on a satisfactory/no credit basis only. Career information
specifically for Letters & Sciences majors, focuses 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 STATUS

LESDP 484  DISABILITY STUDIES SEMINAR  1 Units
Students participating in the intensive individual learning stage of
the Disability Studies Certificate (i.e., internship, independent study,
undergraduate research, or service learning project) will discuss their
learning experiences and disability and accessibility with other student
participants. Each student will make a final presentation to the group.
PREREQ: SPECED 201 SOCIOLOGY 315

LESDP 490  WORKSHOP Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing
‘hands on’ and participatory instructional techniques. Repeatable

LESDP 491  TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

LESDP 494  SEMINAR Repeatable  1-3 Units
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.

LESDP 496  SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable

LESDP 497  EXCHANGE STUDY Repeatable  0.5-12 Units
Variable topics.

LESDP 498  INDEPENDENT STUDY Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable

Liberal Studies (LESDP)

Courses

LIBST 201  INTRODUCTION TO LIBERAL STUDIES  2 Units
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 capstone project.
PREREQ: GENED 110, GENED 130, GENED 120 OR GENED 140 OR
SOPHOMORE STATUS

LIBST 350  TECHNOLOGY AND SOCIAL RESPONSIBILITY  3 Units
This course is an examination of the impact of various types of
technology on a user’s view of and behaviors regarding social
responsibility. The use of digital technologies (such as social media,
blogs, wearable technologies, video games) will be examined with regard
to issues of gender, race, class, and sexuality, public health, political
dissidence, and capitalism.
PREREQ: SOPHOMORE STANDING

LIBST 366  SEX, GENDER, AND TELEVISION  3 Units
This course will focus on analysis of television production, content,
and audience reception from the perspective of feminist and cultural
theory, with consideration for historical and contemporary texts. Text
and images will be examined for representations of sex, gender, women,
and LGBT+ individuals with regard to how those representations impact
meaning making, identity formation, politics, and social responsibility.
PREREQ: SOPHOMORE STANDING
LIBST 400 CAPSTONE IN LIBERAL STUDIES 1 Units
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 SENIOR STATUS

LIBST 497 EXCHANGE STUDIES Repeatable 1-12 Units
Variable topics.

LIBST 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

LIBST 499 SENIOR THESIS 3 Units
Individual research under the supervision of a member of the faculty.

Library Media (LIBMEDIA)

Courses

LIBMEDIA 175 VIDEO GAMES AND LEARNING 3 Units
This three-credit class will orient students to a variety of perspectives on learning embedded within video games and associated virtual learning ecologies. Content will feature specialized study of video games within specific domains across the professions. Sessions will combine instruction with hands-on activities considering learning and educational implications.

LIBMEDIA 201 TECHNOLOGY FOR TEACHERS 1 Units
This course is designed to provide explanatory and hands-on practical experiences at the introductory level with digital, print, and web-based technologies for collaboration, information gathering, analysis and management, communication and creation in teaching and learning.
PREREQ: SOPHOMORE STANDING

LIBMEDIA 343 ADOLESCENT LITERATURE AND RELATED MEDIA 3 Units
Designed primarily to acquaint the student with books and nonprint media which appeal to young people aged thirteen to eighteen. Emphasis will be placed on adolescent development, reading interests, and principles of and tools for selection. Reading, listening and viewing guidance techniques appropriate for the classroom and for the school and public library will also be detailed.
PREREQ: SOPHOMORE STATUS

LIBMEDIA 350 FINDING AND USING INFORMATION 3 Units
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 it’s use. The course introduces basic reference theory and professional practice, and the tools, information resources and problem solving strategies used by professionals.
PREREQ: JUNIOR/SENIOR STATUS

LIBMEDIA 354 DIGITAL TOOLS FOR LEARNING 3 Units
An introduction to digital technologies for accessing, using, creating and communicating information in a variety of formats for enhancing and improving learning.
PREREQ: JUNIOR/SENIOR STATUS

LIBMEDIA 349 GENERAL LIBRARY METHODS COURSE 3 Units
This course is designed as an exploration into teaching pedagogy, classroom management, assessment and reflection, which applies to school library management. Teacher candidates will engage in critical studies of teaching methods, lesson plan writing, dissecting content/Wisconsin state standards and student assessment. School librarian candidates will observe critical classroom and school library management: a key component of educational pedagogy.
PREREQ: EDFNDPRC 210, EDFOUND 243, AND 1 OF THE FOLLOWING 3 COURSES: EDFOUND 212, EDFOUND 222, EDFOUND 481 COREQ: CILFD 401, CILFD 402 OR CILFD 404

LIBMEDIA 440 INFORMATION LITERACY 3 Units
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: ADMISSION TO PROFESSIONAL EDUCATION AND LIBMEDIA 439 OR PERMISSION OF INSTRUCTOR

LIBMEDIA 451 ORGANIZING INFORMATION 3 Units
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: ADMISSION TO PROFESSIONAL EDUCATION AND LIBMEDIA 439 OR PERMISSION OF INSTRUCTOR

LIBMEDIA 454 LIBRARY ADMINISTRATION 3 Units
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/SENIOR STATUS

LIBMEDIA 455 LIBRARIANS AS LEADERS 3 Units
This course examines advanced administrative and leadership issues, policies, and practices pertinent to operation of effective information, media and technology programs in schools and districts, building on the knowledge and skills mastered in the Library Administration course and focusing on leadership skills, planning, legal and ethical issues, advocacy, grant writing, infrastructure, and personal professional development.
PREREQ: JUNIOR/SENIOR STATUS

LIBMEDIA 490 WORKSHOP Repeatable 1-6 Units
Variable topics.

LIBMEDIA 494 SEMINAR Repeatable 2 Units
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/SENIOR STATUS

LIBMEDIA 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
Management (MANGEMNT)

Courses

MANGEMNT 201 INTRODUCTION TO ENTREPRENEURSHIP 3 Units
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: SOPHOMORE STATUS AND 2.50 COMBINED CUMULATIVE GPA

MANGEMNT 293E COOPERATIVE/INTERNSHIP IN ENTREPRENEURSHIP Repeatable 1-3 Units
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.
PREREQ: STUDENTS MUST ACHIEVE 24 CREDITS AND MAINTAIN A 2.50 GPA OR BETTER IN ORDER TO TAKE LOWER DIVISION BUSINESS COURSES.

MANGEMNT 298E INDEPENDENT STUDY IN ENTREPRENEURSHIP Repeatable 1-3 Units
Repeatable for a maximum of 3 credits in major/degree. Department Consent required.
PREREQ: STUDENTS MUST ACHIEVE 24 CREDITS AND MAINTAIN A 2.50 GPA OR BETTER IN ORDER TO TAKE LOWER DIVISION BUSINESS COURSES.

MANGEMNT 301 ORGANIZATIONAL BEHAVIOR 3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 310 ORGANIZATION AND MANAGEMENT 3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 320 HUMAN RESOURCE MANAGEMENT 3 Units
A study of employee relations from the standpoint of the business firm, including recruitment, selection, placement, training, promotion, discipline, compensation, records, and employee services.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
UNREQ: MANGEMNT 320 AND POLISCI 421

MANGEMNT 321 ENTREPRENEURIAL FAMILY BUSINESSES 3 Units
This course will provide insights into the impact of family businesses on the U.S. economy and critical elements to creating, managing and sustaining multi-generational, entrepreneurial family businesses. Core content exploring advantages and challenges faced by entrepreneurial family businesses will include dynamics of: conflict, negotiation, communication and teamwork, comprehensive strategic planning, effective governance mechanisms and succession planning for entrepreneurial family businesses.
PREREQ: MANGEMNT 201 AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 355 NEGOTIATION STRATEGIES 3 Units
This course will emphasize applied negotiation strategies. By completing several negotiation and conflict management simulations and role-playing exercises throughout the semester, the students will gain a broad knowledge of the central concepts in negotiation and conflict management, and develop a toolkit of useful negotiation skills, strategies, and approaches.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 364 SUSTAINABILITY MANAGEMENT 3 Units
This course provides concepts and methodologies to help businesses manage their operations so that results are sustainable, economically, for people and for the environment. Topics include sustainability goals and controversies inherent to sustainability efforts, organizational and institutional responses, stakeholder analysis, realigning supply chains, and measuring sustainability.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 366 BUSINESS ETHICS & SOCIAL RESPONSIBILITY 3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 369 LEADERSHIP IN MANAGEMENT 3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.
MANGEMNT 370 FOUNDATIONS OF NONPROFIT AND NONGOVERNMENTAL ORGANIZATIONS 3 Units
This course introduces the student to nonprofit and nongovernmental organizations and the charitable sector, with emphasis on the U.S. Topics include the scope and historical development of the sector, the theoretical basis for understanding the sector, philanthropic values, and regulatory and resource constraints.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS

MANGEMNT 371 FUNDRAISING FOR CHARITIES 3 Units
This course is a broad introduction to the theories and practices of charitable fundraising. We discuss the fundraising tradition in the U.S., philosophies of giving and asking, theories of donor motivation, and the organizational, legal, and ethical contexts of charitable fundraising. Students are introduced to and gain practice using basic fundraising tools and develop a fundraising plan.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 379 MANAGING VOLUNTEER RESOURCES 3 Units
The effective management of volunteer resources is essential to a nonprofit organization’s mission and performance. This course introduces students to theories, research and practice for managing volunteers and paid staff in resource-dependent organizations. The course explores methods of building a human resource infrastructure, developing a strategic HR approach, and challenges in nonprofit HR practice.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 380 BUILDING ENTREPRENEURIAL ORGANIZATIONS 3 Units
This course addresses the key legal, human resource, organizational and regulatory issues associated with starting, scaling, managing, and transitioning new ventures and provides an overview of solutions for responding to them. Attention will be given to critical tasks that must be accomplished for operational and economic success during the discovery, validation and scaling stages of new ventures.
PREREQ: MANGEMNT 201 AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 386 ENTREPRENEURSHIP: BUSINESS FEASIBILITY 3 Units
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. ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMB GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 410 INTERNATIONAL MANAGEMENT 3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 419 ORGANIZATIONAL DEVELOPMENT AND CHANGE 3 Units
A study of classical and modern organization development and change in theory and practice. Relationships among theory, design and behavior variables and organizational effectiveness are examined.
PREREQ: MANGEMNT 301 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 425 COMPENSATION MANAGEMENT 3 Units
A detailed study of job analysis, methods of job evaluation, performance appraisal, community wage survey, basic systems and plans of compensating employees, and fringe benefits.
PREREQ: MANGEMNT 320 OR POLISCI 421 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 426 STAFFING 3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MANGEMNT 428  TRAINING AND DEVELOPMENT  3 Units
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 STATUS, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION.

MANGEMNT 429  EMPLOYEE BENEFITS  3 Units
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 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 430  LABOR-MANAGEMENT RELATIONS  3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 478  SEMINAR IN HUMAN RESOURCES  3 Units
A capstone course required of students in Personnel/Human Resources Management. The course will integrate HR subject matter areas through empirical research. Students will utilize their academic preparation, analytical skills, and communication skills to develop a proposal and prepare a research report.
PREREQ: MANGEMNT 320 OR POLISCI 421 (PUBLIC POLICY MAJORS), HR MAJOR OR MINOR AT LEAST 6 UNITS FROM: MANGEMNT 425, MANGEMNT 426, MANGEMNT 428, MANGEMNT 429, MANGEMNT 430. ADMISSION TO UPPER DIVISION 2.5 GPA FOR BUS MAJ, 2.0 AND 60 UNITS FOR HR MIN

MANGEMNT 485  PROFESSIONAL SERVICES ENTREPRENEURSHIP  3 Units
This course exposes students to some of the opportunities and challenges inherent in starting and managing a professional services consulting organization by providing an opportunity to work with small, growth-oriented companies. Students will engage in consulting projects with firms while being exposed to speakers, readings and professional practice materials pertaining to professionals who provide consulting advice to new firms.
PREREQ: (MANGEMNT 201 MARKETNG 311) OR FNBSLW 344 AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 486  SUPERVISORY MANAGEMENT  3 Units
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 CREDITS AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 487  ENTREPRENEURSHIP: NEW VENTURES  3 Units
This course concentrates on how new businesses are started and includes 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. The writing of business plans and the acquisition of resources is included.
PREREQ: MANGEMNT 201 AND (MANGEMNT 321 OR MANGEMNT 380) AND MANGEMNT 485 AND (MARKETNG 400 OR MARKETNG 312) AND MARKETNG 360 AND FNBSLW 370. ONE OF THE COURSES MAY BE REPLACED BY INSTRUCTOR CONSENT. UNREQ: MANGEMNT 386

MANGEMNT 489  STRATEGIC MANAGEMENT  3 Units
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: SENIOR STANDING, COMPLETION OF COMMUNITY SERVICE REQUIREMENT, COMPLETION OF MANGEMNT 301, ITSCM 306, FNBSLW 341, FNBSLW 344; MARKETNG 311. ADMISSION TO UPPER DIVISION AND 2.5 GPA OR 2.0 GPA AND 60 UNITS FOR MINORS/NON-BUSINESS MAJORS

MANGEMNT 490  WORKSHOP  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

MANGEMNT 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable for a maximum of 5 credits in major/degree. Department Consent required.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 493  COOPERATIVE/INTERNSHIP IN MANAGEMENT  Repeatable  2-3 Units
This course is a constructed-supervised work experience within the major area of concentration of the student. The internship experience offers the student an opportunity to merge with actual day-to-day activity in business. No more than 5 credits will apply toward graduation. Repeatable for a maximum of 5 credits in major/degree. Department Consent required.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MANGEMNT 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 6 credits in major/degree. Consent of instructor required.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MANGEMNT 498 INDEPENDENT STUDY Repeatable 1-3 Units
Repeatable for a maximum of 3 credits in major/degree. Department Consent required.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

Marketing (MARKETNG)

Courses

MARKETNG 311 PRINCIPLES OF MARKETING 3 Units
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.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 312 PRINCIPLES OF SELLING 3 Units
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: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 321 MARKETING RESEARCH 3 Units
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, AND ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 337 RETAIL MANAGEMENT 3 Units
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, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 350 INTEGRATED MARKETING COMMUNICATIONS FOR SOCIAL ENTERPRISES 3 Units
Marketing and communications concepts related to planning, implementing, and evaluating integrated marketing communications programs for social enterprises.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 351 INTRODUCTION TO DIGITAL MARKETING 3 Units
Technological changes and the "always connected" consumer have forced marketers to evolve. The basics of emerging digital marketing media and related techniques for reaching online consumers across multiple devices including desktop and mobile are covered. Additionally, the course explores digital marketing's transformative impact on traditional marketing practices and examines digital segmentation, digital marketing around the globe, digital divide, digital privacy, and digital analytics.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 352 SOCIAL MEDIA AND CONTENT MARKETING 3 Units
Social media is rapidly changing the marketing landscape. Marketers who previously relied on mass media to broadcast messages are faced with the challenge of interacting with digitally empowered consumers. This course explores the impact of social media and other communications technologies on marketing strategy, marketing communications, and marketing research.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETNG 353 ADVANCED DIGITAL MARKETING 3 Units
Digital marketing allows marketers to deliver relevant communications in today's digital world. Strategies behind effective digital marketing efforts are explored with a focus on understanding digital analytics and developing digital content. Emphasis is placed on search engine marketing and digital advertising strategies including SEO and paid search. Developing and implementing a search engine marketing campaign provides hands-on experience.
PREREQ: MARKETNG 311 AND 351, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/ NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MARKETNG 360  ENTREPRENEURIAL MARKETING  3 Units
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, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 361  INTERNATIONAL MARKETING  3 Units
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, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 370  EXPERIENTIAL MARKETING  3 Units
Experiential Marketing explores the unique characteristics and strategic
approach to creating and marketing immersive customer experiences
around brands, events, and other in-person programs. The course utilizes
an experiential learning approach to explore marketing activities that
create and promote engaging experiences that strengthen customers’
relationships with brands, events, and sponsors.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 371  SPORTS MARKETING  3 Units
Sports Marketing examines marketing strategies used by sports brands
to attract and retain fans. Detailed consideration is given to sports as
a product and service and managing the development, positioning, and
promotion of sports brands. Students will develop a sports marketing
plan aligning marketing strategy, sponsorship, and growth strategies.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 372  SERVICES MARKETING  3 Units
Investigates the nature and scope of services and how they are marketed
compared to products. Emphasis is given to developing marketing mix
strategies to acquire, grow, and retain a loyal customer base. Services
marketing is examined in a variety of experiential contexts, including
sports, tourism, entertainment, and related industries.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 400  INNOVATION AND TECHNOLOGY MARKETING  3 Units
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, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 412  BUSINESS TO BUSINESS MARKETING  3 Units
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, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 420  CONSUMER BEHAVIOR  3 Units
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, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 431  SALES MANAGEMENT  3 Units
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, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 442  LOGISTICS  3 Units
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, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION

MARKETNG 444  OMNICHANNEL MARKETING  3 Units
Introduction to omnichannel marketing, including direct mail, lead
generation, circulation, loyalty programs, store traffic building,
fundraising, pre-selling, post-selling, and research. The interactive nature
of omnichannel marketing initiatives that use one or more media to
generate a traceable and measurable response from the target audience
is emphasized.
PREREQ: MARKETNG 311, ADMISSION TO THE UPPER DIVISION
BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS
COURSE IS AN OPTION
MARKETING 445  MARKETING ANALYTICS AND ARTIFICIAL INTELLIGENCE  3 Units
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 is used to design and implement marketing strategies. Special attention will be devoted to the application of marketing analytics and artificial intelligence to marketing strategy.
PREREQ: MARKETING 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 450  SALES NEGOTIATION AND CONFLICT RESOLUTION  3 Units
A combination of art and science, negotiation involves securing agreement between interdependent parties. Topics include analyzing and assessing negotiation scenarios, preparing for a negotiation, power and influence strategies, coalitions, and managing conflict. Role-playing, as a key component of the class, offers students the opportunity to develop their negotiating skills.
PREREQ: MARKETING 311, ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 460  ENTREPRENEURIAL AND ADVANCED SALES TECHNIQUES  3 Units
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: MARKETING 311, MARKETING 312 AND ADMISSION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 465  SALES TEAM PRACTICUM  3 Units
The Sales Team Practicum is designed for students seeking an Emphasis in Professional Sales, a Marketing Minor in Professional Sales, or a Professional Selling Certificate. Students will prepare for participation in regional and International Sales Competitions, plus two internal Competitions. Students will be mentored by marketing faculty in the sales curriculum, experienced student coaches, and business sales professionals.
PREREQ: MARKETING 312 AND EMPHASIS IN PRO SALES, MARKETING MINOR IN PRO SALES, OR PRO SELLING CERT AND ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 CUM GPA FOR BUS MAJORS OR 60 UNITS AND 2.00 CUM GPA FOR MINORS/NON-BUS MAJORS

MARKETING 479  MARKETING MANAGEMENT AND POLICIES  3 Units
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: MARKETING 311 MARKETING 321, SENIOR STATUS, ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led course; abroad.
PREREQ: JUNIOR STATUS, ADMISSION TO THE UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 493D  INTERNSHIP IN MARKETING - DIGITAL MARKETING EMPHASIS  3 Units
Structured-supervised work experience for students interested in a Digital Marketing 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: MARKETING 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 493E  INTERNSHIP IN MARKETING - ENTREPRENEURIAL MARKETING EMPHASIS  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MARKETING 493I  INTERNSHIP IN MARKETING - IMC EMPHASIS  3 Units
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: MARKETING 311, ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION
MKTG 493S  INTERNSHIP IN MARKETING - SALES EMPHASIS  3 Units
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: MKTG 311, ADMISITION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MKTG 493R  INTERNSHIP IN MARKETING-RETAIL MANAGEMENT EMPHASIS  3 Units
This course is structured-supervised work experience within the retail
management 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: MKTG 311, ADMISITION TO THE COLLEGE AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MKTG 493ES  INTERNSHIP IN MARKETING - EXPERIENTIAL AND SPORTS EMPHASIS  3 Units
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: MKTG 311, ADMISITION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 FOR BUSINESS MAJORS OR 60 CREDITS
AND 2.00 FOR MINORS/NON-BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MKTG 494  MARKETING SEMINAR  3 Units
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. Department Consent Required.
PREREQ: SENIOR STATUS, CONSENT OF DEPARTMENT CHAIR.
ADMISSION TO UPPER DIVISION AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR 60 UNITS AND 2.00 FOR MINORS/NON-
BUSINESS MAJORS FOR WHOM THIS COURSE IS AN OPTION

MKTG 496  SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR
60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-
BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MKTG 497  EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.
PREREQ: ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50 COMBINED CUMULATIVE GPA FOR BUSINESS MAJORS OR
60 UNITS AND 2.00 COMBINED CUMULATIVE GPA FOR MINORS/NON-
BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

MKTG 498  INDEPENDENT STUDY IN MARKETING 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.
PREREQ: SENIOR STATUS AND CONSENT OF DEPARTMENT AND
ADMISSION TO THE UPPER DIVISION BUSINESS COURSES AND 2.50
FOR BUSINESS MAJORS; 60 CREDITS AND 2.00 FOR MINORS/NON-
BUSINESS MAJORS FOR WHICH THIS COURSE IS AN OPTION

Mathematics (MAT) - Rock County Courses

MAT 081  TOPICS IN GEOMETRY  3 Units
Designed for students who have not had high school geometry. Includes
methods of proof, properties of simple plane figures, congruence, &
similarity. This course is offered through a contractual arrangement with the local WTCS institution as MAT 085. This course is offered by the campus TRIO/student support services program as MAT 087.

MAT 085  TOPICS IN GEOMETRY  3 Units
Designed for students who have not had high school geometry. Includes
methods of proof, properties of simple plane figures, congruence, &
similarity. This course is offered through a contractual arrangement with the local WTCS institution as MAT 085. This course is offered by the campus TRIO/student support services program as MAT 087.

MAT 087  TOPICS IN GEOMETRY  3 Units
Designed for students who have not had high school geometry. Includes
methods of proof, properties of simple plane figures, congruence, &
similarity. This course is offered through a contractual arrangement with the local WTCS institution as MAT 085. This course is offered by the campus TRIO/student support services program as MAT 087.

MAT 090  BASIC MATHEMATICS  3 Units
Designed for students with minimum algebra background or who have been away from mathematics for several years. Subject areas to be covered include arithmetic of whole numbers, fraction & decimals, ratios & percents, & basic algebraic concepts. Prepares the student for Elementary Algebra. This course is offered through a contractual arrangement with the local WTCS institution as MAT 092. This course is offered by the campus TRIO/student support services program as MAT 094.

MAT 091  ELEMENTARY ALGEBRA  4 Units
Intended for students with little or no previous algebra. Topics include the
real number system & operations with real numbers & algebraic expressions, linear equations & inequalities, polynomials, factoring, & intro to quadratic equations.

MAT 092  BASIC MATHEMATICS  2-3 Units
Designed for students with minimum algebra background or who have been away from mathematics for several years. Subject areas to be covered include arithmetic of whole numbers, fraction & decimals, ratios & percents, & basic algebraic concepts. Prepares the student for Elementary Algebra. This course is offered through a contractual arrangement with the local WTCS institution as MAT 092. This course is offered by the campus TRIO/student support services program as MAT 094.
MAT 094  BASIC MATHEMATICS  2-3 Units
Designed for students with minimum algebra background or who have been away from mathematics for several years. Subject areas to be covered include arithmetic of whole numbers, fraction & decimals, ratios & percents, & basic algebraic concepts. Prepares the student for Elementary Algebra. This course is offered through a contractual arrangement with the local WTCS institution as MAT 092. This course is offered by the campus TRIO/student support services program as MAT 094.

MAT 095  ELEMENTARY ALGEBRA  3-4 Units
Intended for students with little or no previous algebra. Topics include the real number system & operations with real numbers & algebraic expressions, linear equations & inequalities, polynomials, factoring, & intro to quadratic equations.

MAT 097  ELEMENTARY ALGEBRA  4 Units
Intended for students with little or no previous algebra. Topics include the real number system & operations with real numbers & algebraic expressions, linear equations & inequalities, polynomials, factoring, & intro to quadratic equations.

MAT 099  MATH TUTORIAL AND STUDY STRATEGIES  Repeatable 1 Units
MAT 099 is intended for students concurrently enrolled in any mathematics course from MAT 090 to MAT 124. These support sections will be run in a highly interactive format providing mathematics instruction and instilling study skills and strategies for succeeding in mathematics courses. The content and skills will empower students to succeed in their concurrent mathematics course.

COREQ: CONCURRENT ENROLLMENT IN ANY MAT COURSE FROM MAT 090 TO MAT 124.

MAT 103A  BEGINNING AND INTERMEDIATE ALGEBRA  1 Units
Integer, rational, real & complex numbers, polynomials, exponents & radicals, rational expressions & functions are defined. Arithmetic operations of addition, subtraction multiplication & division are extended to these algebraic objects. Equations & inequalities involving the algebraic objects are solved including polynomial equations through the quadratic formula. Applications that utilize linear & quadratic, rational & radical equations are studied as well as algebraic & graphical representation of lines & interpreting graphical representation of functions.

PREREQ: A GRADE OF C OR BETTER IN MAT 090 OR BASED ON PLACEMENT TEST SCORES

MAT 103B  BEGINNING AND INTERMEDIATE ALGEBRA  3 Units
Integer, rational, real & complex numbers, polynomials, exponents & radicals, rational expressions & functions are defined. Arithmetic operations of addition, subtraction multiplication & division are extended to these algebraic objects. Equations & inequalities involving the algebraic objects are solved including polynomial equations through the quadratic formula. Applications that utilize linear & quadratic, rational & radical equations are studied as well as algebraic & graphical representation of lines & interpreting graphical representation of functions.

PREREQ: A GRADE OF C OR BETTER IN MAT 090 OR BASED ON PLACEMENT TEST SCORES

MAT 105  INTRODUCTION TO COLLEGE ALGEBRA  4 Units
Emphasizes algebraic techniques with polynomials, fractional expressions, exponents & radicals, linear & quadratic equations, & inequalities. Intro to functions, their graphs, & analytic geometry.

PREREQ: A GRADE OF C OR BETTER IN ELEMENTARY ALGEBRA OR MAT 103A OR PLACEMENT BASED ON PLACEMENT TEST SCORE

MAT 108  QUANTITATIVE REASONING  3 Units
This course is intended to develop analytic reasoning & the ability to solve quantitative problems. Topics to be covered include construction & interpretation of graphs, functional relationships, descriptive Stat., geometry & spatial visualization, math of finance, exponential growth, & basic probability. Appropriate use of units & dimensions, estimates, mathematical notation & available technology will be emphasized throughout the course.

PREREQ: A GRADE OF C OR BETTER IN MAT 091 OR EQUIVALENT OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 109  MATH LITERACY AND ALGEBRA FOR COLLEGE STUDENTS  5 Units
Intro to numeracy, proportional reasoning, algebraic reasoning, & functions. Emphasis on developing conceptual & procedural tools that support the use of key mathematical concepts in context. Algebraic techniques with polynomials, fractional expressions, exponents & radicals, & linear & quadratic equations are also developed.

PREREQ: A GRADE OF C OR BETTER IN MAT 090 OR BASED ON PLACEMENT TEST SCORES

MAT 110  COLLEGE ALGEBRA  3 Units
Definition of function & sequence; linear & nonlinear functions & graphs including logarithmic & exponential functions; systems of linear equations & Gauss-Jordan method; theory of polynomial equations; conic sections & optional topics such as mathematical induction, matrix solution of linear systems & Cramer’s rule.

PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 113  TRIGONOMETRY  2 Units
Trigonometric functions, their basic properties & graphs, identities, inverse trigonometric functions, solving trigonometric equations, solutions of triangles.

PREREQ: A GRADE OF C OR BETTER IN MAT 110, OR CONCURRENT REGISTRATION IN MAT 110, OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 117  ELEMENTARY STATISTICS  3 Units
The primary aim of the course is a basic understanding & use of statistical concepts & methods to facilitate study & research in other disciplines. Includes measures of central tendency, measures of variability, grouped data, the normal distribution, central limit theorem, hypothesis testing, estimation, T-distribution & chi square test.

PREREQ: A GRADE OF C OR BETTER IN MAT 110 OR MAT 105 OR MAT 108 OR EQUIVALENT

MAT 124  PRE-CALCULUS MATHEMATICS  5 Units
Functions & graphs, including linear, polynomial, logarithmic & exponential functions: complex numbers & theory of equations; binomial theorem; mathematical induction; trigonometric functions, their basic properties & graphs; identities; inverse trigonometric functions; solving trigonometric equations; de Moivre’s theorem. Students may not earn more than five credits of any combination of MAT 110, MAT 113 & MAT 124.

PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 130  MATHEMATICS FOR ELEMENTARY TEACHERS  4 Units
A mathematics content course for prospective elementary teachers. Emphasis is on development of properties of arithmetic. Topics also may include elementary concepts of algebra, probability, & Stat. Four hours lecture or three hours lecture & two hours Lab per week.

PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR MAT 108 OR EQUIVALENT
MAT 132 GEOMETRY FOR ELEMENTARY TEACHERS 4 Units
The course emphasizes geometric concepts. Topics also may include
concepts of algebra, probability & Stat. Four hours lecture or three hours
lecture & two hours Lab per week.
PREREQ: A GRADE OF C OR BETTER IN MAT 103B OR MAT 105 OR MAT
108 OR EQUIVALENT

MAT 140 SURVEY OF MATHEMATICS 3 Units
A course emphasizing the nature of mathematics, an appreciation
of mathematical concepts & reasoning, & the development of mathematical
systems. It is not intended as preparation for other mathematics courses.

MAT 210 TOPICS IN FINITE MATHEMATICS 3 Units
Matrices, linear programming & applications, probability, Markov chains, &
mathematics of finance.
PREREQ: A GRADE OF C OR BETTER IN MAT 124 OR MAT 211 OR
EQUIVALENT AND CONSENT OF INSTRUCTOR

MAT 211 CALCULUS 5 Units
Primarily for students in business, the social Sci.s, & biological Sci.s
who wish to acquire some knowledge of the techniques & applications
of calculus. Topics include concepts, techniques, & applications of
differential & integral calculus including multivariate calculus. Students
who are preparing to major in mathematics, engineering, or physical Sci.s
should enroll in the MAT 221-MAT 222 sequence. Students may not earn
more than six credits by taking both MAT 211 & MAT 221.
PREREQ: A GRADE OF C OR BETTER IN MAT 110 OR MAT 124 OR
EQUIVALENT OR PLACEMENT BASED ON PLACEMENT TEST SCORES

MAT 221 CALCULUS AND ANALYTICAL GEOMETRY I 5 Units
Analytic geometry, functions, limits & continuity, the derivative, integrals,
techniques & applications of differentiation, applications of integration,
logarithmic & exponential functions, & trigonometric functions. Students
may not earn more than six credits by taking both MAT 211 & MAT 221.
PREREQ: A GRADE OF C OR BETTER IN MAT 124 OR (MAT 110 AND MAT
113) OR EQUIVALENT, OR PLACEMENT BASED ON PLACEMENT TEST
SCORES

MAT 222 CALCULUS AND ANALYTICAL GEOMETRY II 5 Units
Continuation of 221. Techniques of integration, polar coordinates, conic
sections, infinite series, & vectors of two & three dimensions. Note: the
order of topics covered in MAT 221 & MAT 222 may depend on the text
used & the instructor.
PREREQ: A GRADE OF C OR BETTER IN MAT 222, OR PLACEMENT
BASED ON THE DEPARTMENT CALCULUS PROFICIENCY TEST OR AP
EXAM

MAT 223 CALCULUS AND ANALYTICAL GEOMETRY III 5 Units
Continuation of MAT 222. Analytic geometry of three dimensions,
functions of several variables, partial differentiation, multiple integration,
& Intro to differential equations.
PREREQ: A GRADE OF C OR BETTER IN MAT 222 OR EQUIVALENT

MAT 224 LINEAR MATHEMATICS 4 Units
Intro to linear algebra, vector spaces, matrices, linear transformations
& eigenvalues. Ordinary differential equations & linear systems of
differential equations. Laplace transforms.
PREREQ: A GRADE OF C OR BETTER IN MAT 223 OR EQUIVALENT

MAT 230 DISCRETE MATHEMATICS 3 Units
An Intro to discrete mathematics with emphasis on topics applicable to
computer Sci.. Topics include symbolic logic, sets & relations, induction &
recursion, counting techniques, algorithm analysis, graphs & digraphs, &
Boolean algebra.
PREREQ: A GRACE OF C OR BETTER IN MAT 124 OR EQUIVALENT OR
CONSENT OF INSTRUCTOR

MAT 234 CALCULUS OF SEVERAL VARIABLES 4 Units
Continuation of MAT 222. Analytic geometry of three dimensions,
functions of several variables, & multiple integration. This course is
equivalent to MAT 223 without differential equations. Students may not
receive credit for both MAT 223 & MAT 234.

MAT 240 STATISTICAL ANALYSIS 3 Units
Elements of probability theory; collection & presentation of sample data;
basic problems of statistical inference; applications, including quality
control; regression; & hypothesis testing.
PREREQ: A GRADE OF C OR BETTER IN MAT 211 OR MAT 221 OR
EQUIVALENT

MAT 262 LINEAR ALGEBRA 3 Units
Matrix algebra, linear systems of equations, vector spaces, subspaces,
linear dependence, rank of matrices, determinants, linear transformations,
eigenvalues & eigenvectors, diagonalization, inner products & orthogonal
vectors, & symmetric matrices.
PREREQ: A GRADE OF C OR BETTER IN MAT 222 OR EQUIVALENT

MAT 271 ORDINARY DIFFERENTIAL EQUATIONS 3 Units
Ordinary differential equations of the first & second order, series
solutions, higher order linear equations, the Wronskian, Laplace transform
& applications, numerical methods & boundary value problems.

MAT 290 SPECIAL TOPICS IN MATHEMATICS Repeatable 1-3 Units
A course focusing on a selected topic or set of topics selected by the
instructor to meet special needs & interests of students.
PREREQ: A GRADE OF C OR BETTER IN MAT 124 OR MAT 211 OR
EQUIVALENT AND CONSENT OF INSTRUCTOR

MAT 294 INTERNSHIP IN MATHEMATICS Repeatable 1-3 Units
An individually arranged internship in an area field site, public agency,
community organization, or industry to gain practical experience in
a Mathematics discipline. Students will work under the supervision
of a faculty member & will receive credit based on hours employed &
completion of a final report summarizing their experiences. The class
will give students the opportunity to learn the interrelationships between
Mathematics & applications in business or the community. Repeatable
for a maximum of six credits.

MAT 299 INDEPENDENT READING IN MATHEMATICS Repeatable 1-3 Units
Prereq: Sophomore st&ing & cons. instr
PREREQ: SOPHOMORE STATUS OR CONSENT OF INSTRUCTOR

Mathematics (MATH)

Courses

MATH 41 BEGINNING ALGEBRA 4 Units
A course for those who need to strengthen their basic algebra skills.
Topics include properties of the real numbers, linear and quadratic
equations, linear inequalities, exponents, polynomials, rational and radical
expressions, and systems of linear equations. The course credits count
towards the semester credit load and GPA, but are not included in the 120
credit graduation requirement.
PREREQ: APPROPRIATE SCORE ON THE UW MATH PLACEMENT TEST

MATH 49 WORKSHOP Repeatable 1-3 Units
Variable credit course offering with a defined topic. Repeatable with a
change of topic.
MATH 139 QUANTITATIVE REASONING 3 Units
A quantitative reasoning course which includes topics from college algebra (such as functions, linear, exponential and logarithmic models), statistics, and probability. Emphasizes modeling, problem-solving and applications. Designed for students whose programs do not require further coursework in pre-calculus or calculus. Appropriate for students majoring and minoring in areas such as the arts, humanities, social sciences, and education.
PREREQ: MATH 41 WITH A GRADE OF C OR BETTER, OR WAIVER
CROSS-LISTED: MATH 139/MATH 139W

MATH 140 MATHEMATICAL IDEAS 3 Units
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 for students who do not wish to take any course having MATH 141 as a prerequisite.
PREREQ: MATH 41 WITH A GRADE OF C OR BETTER, OR WAIVER
CROSS-LISTED: MATH 140, MATH 140W

MATH 141 FUNDAMENTALS OF COLLEGE ALGEBRA 4 Units
A functional approach to algebra with emphasis on applications to different disciplines. Topics include linear, exponential, logarithmic, quadratic, polynomial and rational equations and functions, systems of linear equations, linear inequalities, radicals and rational exponents, complex numbers, variation. Properties of exponents, factoring, and solving linear equations are reviewed.
PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR WAIVER

MATH 142 COLLEGE ALGEBRA 4 Units
Study of polynomial, rational, radical, piecewise, exponential, and logarithmic functions, including basic graphs, transformations, inverses, and combining functions; solving equations and inequalities both algebraically and graphically is explored. Applications to other disciplines are used to enhance conceptual understanding.
PREREQ: MATH 41 WITH A C OR BETTER OR PLACEMENT INTO MATH 142 UNREQ: MATH 152

MATH 143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES 3 Units
Mathematical preparation for the understanding of quantitative methods in management and social sciences. Topics include sets, relations, linear functions, interest, annuities, matrices, solution of linear systems by graphical, algebraic, Gauss-Jordan, and inverse methods, linear programming by graphical and simplex methods, counting and probability. College of Business and Economics majors must take this course on a conventional grade basis.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER

MATH 147 MATHEMATICS IN EARLY CHILDHOOD LEARNING 4 Units
A study of topics in early childhood mathematics, including sets, numbers, operations, measurement, data, and geometry. The focus is on increasing conceptual understanding of mathematics, highlighting connections, and developing the ability to communicate mathematical knowledge. Problem-solving methods used by children will also be explored. Manipulatives, cooperative learning activities, and problem solving strategies are used throughout the course.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER, OR WAIVER

MATH 148 MATHEMATICS FOR THE ELEMENTARY TEACHER I 3 Units
A study of topics in early childhood through early adolescence mathematics, including sets, fundamental operations of arithmetic, fundamental algorithms, and structural properties of arithmetic. The focus is on increasing conceptual understanding of mathematics, highlighting connections, and developing the ability to communicate mathematical knowledge. Problem-solving methods used by children will also be explored. Manipulatives, cooperative learning activities, and problem solving emphasized.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER, OR WAIVER

MATH 149 MATHEMATICS FOR THE ELEMENTARY TEACHER II 3 Units
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.
PREREQ: MATH 147 WITH A GRADE OF C OR BETTER OR MATH 148 WITH A GRADE OF C OR BETTER

MATH 151 TRIGONOMETRY 3 Units
Study of trigonometric functions including basic graphs, transformations, and inverses; trigonometric functions are studied through the unit circle and right triangle approaches. Also studied are trigonometric identities, equations, and applications, including Law of Sines and Law of Cosines, as well as polar coordinates.
PREREQ: MATH 141 WITH A C OR BETTER OR MATH 139 WITH A B OR BETTER UNREQ: MATH 150 OR CONSENT OF INSTRUCTOR

MATH 152 PRECALCULUS 5 Units
Study of polynomial, radical, rational, piecewise, exponential, logarithmic, and trigonometric functions, including basic graphs, transformations, inverses, and combining functions; solving equations and inequalities both algebraically and graphically is explored. In addition, trigonometric functions are studied through the unit circle and right triangle approaches. Also studied are vectors, trigonometric identities, trigonometric equations, and polar coordinates.
PREREQ: MATH 141 WITH A GRADE OF C OR BETTER UNREQ: MATH 150 AND MATH 151

MATH 177 THE LOGIC OF CHESS 1 Units
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.

MATH 200 MATHEMATICS: FORM AND FUNCTION 1 Units
An introduction to abstract and applied mathematical thinking, including exploration of career opportunities in the mathematical sciences. Centered around the dual question of "What is mathematics, and what is it good for?", this course serves as an introduction to the mathematics major and minor and includes an overview of the different emphases within the major.
COREQ: MATH 253

MATH 230 INTRODUCTION TO STATISTICAL REASONING AND ANALYSIS 3 Units
A course on the principles, procedures and concepts surrounding the production, summarization and analysis of data. Emphasis on critical reasoning and interpretation of statistical results. Content includes: probability, sampling, and research design; statistical inference, modeling and computing; practical application culminating in a research project.
PREREQ: MATH 139 WITH A GRADE OF C OR BETTER, OR MATH 141 WITH A GRADE OF C OR BETTER, OR WAIVER
MATH 243  CALCULUS FOR BUSINESS AND SOCIAL SCIENCES  4 Units
A survey of calculus emphasizing business and social science applications. Topics covered include related algebra concepts and skills, limits, differentiation, max-min theory, exponential and logarithmic functions, and integration. Other topics included at instructor discretion.
PREREQ: MATH 142 WITH A GRADE OF C OR BETTER OR MATH 143 WITH A GRADE OF C OR BETTER OR MATH 152 WITH A GRADE OF C OR BETTER

MATH 250  APPLIED CALCULUS SURVEY FOR BUSINESS AND SOCIAL SCIENCES  5 Units
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. A student may earn credit for only one of MATH 243, MATH 250, and MATH 253.
PREREQ: MATH 143 OR MATH 150 OR MATH 152, EACH WITH A GRADE OF C OR BETTER UNREQ: MATH 253

MATH 253  CALCULUS AND ANALYTIC GEOMETRY I  5 Units
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, the substitution rule, and applications of the integral, including volumes of revolution and average value.
PREREQ: (MATH 152 WITH A GRADE OF C OR BETTER) OR (MATH 150 AND MATH 151, BOTH WITH A GRADE OF C OR BETTER) UNREQ: MATH 250

MATH 254  CALCULUS AND ANALYTIC GEOMETRY II  4 Units
Techniques of integration, introduction to differential equations, parametric equations, and infinite sequences and series.
PREREQ: MATH 253 OR (MATH 250 AND MATH 151) OR (MATH 250 AND MATH 152), EACH WITH A GRADE OF C OR BETTER

MATH 255  CALCULUS AND ANALYTIC GEOMETRY III  4 Units
A course in multivariable calculus. Topics include: solid analytic geometry; vectors and vector functions; functions of several variables, including limits, continuity, partial and directional derivatives, gradient vectors, and Lagrange multipliers; multiple integrals in rectangular, cylindrical, and spherical coordinates; line and surface integrals; Green's Theorem, Stokes' Theorem, and the Divergence Theorem.
PREREQ: MATH 254 WITH A C OR BETTER

MATH 263  INTRODUCTION TO R  1 Units
This course will cover basic topics in R, a statistical computing framework. Topics include writing R functions, manipulating data in R, accessing R packages, creating graphs, and calculating basic summary statistics.
COREQ: MATH 250 OR MATH 253

MATH 280  DISCRETE MATHEMATICS  3 Units
This course provides an introduction to mathematical proof, beginning with a discussion of formal logic. Topics include sets, functions, relations, number theory, combinatorics, and probability.
PREREQ: MATH 250 WITH A GRADE OF B OR BETTER OR MATH 253 WITH A GRADE OF C OR BETTER

MATH 281  PUTNAM COMPETITION AND PROBLEM SOLVING  Repeatable  1 Units
Preparation for the William Lowell Putnam Competition. Includes advanced problem solving techniques in pure mathematics. Review of previous examination problems and related material. May be repeated for a total of four credits. Satisfactory/No Credit only.
PREREQ: MATH 253 OR CONSENT OF INSTRUCTOR COREQ: MATH 280 OR CONSENT OF INSTRUCTOR

MATH 298  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

MATH 301  INTRODUCTION TO ANALYSIS  3 Units
A first course in real analysis. Topics include properties of the real numbers, convergence of sequences, monotone and Cauchy sequences, continuity, differentiation, the Mean Value Theorem, and the Riemann integral. Emphasis is placed on proof-writing and communicating mathematics.
PREREQ: MATH 254 WITH A GRADE OF C OR BETTER, AND MATH 280

MATH 342  APPLIED STATISTICS  3 Units
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 250 OR MATH 253) WITH A GRADE OF C OR BETTER AND (MATH 263 OR COMPSCI 172 OR COMPSCI 174)

MATH 343  APPLIED PROBABILITY: THEORY AND PRACTICE  3 Units
Sets and counting, probability spaces, discrete and continuous random variables, mathematical expectation, discrete and continuous distributions with applications and probabilistic computing using R.
PREREQ: (MATH 250 OR MATH 253) WITH A GRADE OF C OR BETTER AND (MATH 263 OR COMPSCI 172 OR COMPSCI 174)

MATH 346  THE THEORY OF INTEREST  3 Units
This course will cover the topics of interest theory listed in the Society of Actuaries/Casualty Actuarial Society syllabus for Exam FM/2. Topics include the time value of money, annuities, loans, bonds, general cash flows and portfolios, and immunization schedules.
PREREQ: MATH 254 WITH A C OR BETTER

MATH 352  INFINITE PROCESSES FOR THE ELEMENTARY TEACHER  3 Units
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 relationships to change and area will be covered.
PREREQ: (MATH 152 WITH A GRADE OF C OR BETTER) OR (MATH 150 AND 151, BOTH WITH A GRADE OF C OR BETTER)

MATH 353  COLLEGE GEOMETRY  5 Units
This course is adapted for the prospective high school mathematics teacher. Topics include 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.
PREREQ: MATH 280
MATH 355 MATRICES AND LINEAR ALGEBRA  3 Units
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 WITH A GRADE OF B OR BETTER OR MATH 253 WITH A GRADE OF C OR BETTER

MATH 359 PROBABILITY & STATISTICS FOR TEACHERS  4 Units
An introduction to probability and statistics for teachers. Topics covered include counting techniques, basic probability theory, exploratory data analysis, simulation, randomization, and statistical inference. This course contains a writing component.
PREREQ: MATH 253 OR (MATH 250 AND MATH 151) OR (MATH 250 AND MATH 152), EACH WITH A GRADE OF C OR BETTER

MATH 361 DIFFERENTIAL EQUATIONS  3 Units
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 254 WITH A C OR BETTER

MATH 362 APPLIED NONPARAMETRIC STATISTICS  3 Units
This course covers theory and applications of commonly used distribution-free tests such as the sign test and the Wilcoxon signed rank test. Other topics include: the Kruskal-Wallis and Friedman tests for analysis of variance, nonparametric regression, and nonparametric bootstrapping.
PREREQ: (MATH 342 WITH A GRADE OF C OR BETTER) OR (MATH 343 WITH A GRADE OF C OR BETTER)

MATH 370 PROBLEM SOLVING FOR THE ELEMENTARY TEACHER  3 Units
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 WITH C OR BETTER

MATH 375 DEVELOPMENT OF MATHEMATICS  3 Units
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 WITH A GRADE OF C OR BETTER, OR (MATH 150 AND MATH 151, BOTH WITH C OR BETTER), OR CONSENT OF INSTRUCTOR

MATH 381 MATHEMATICAL MODELING AND SIMULATION  3 Units
Modeling involving formulation of deterministic, stochastic and rule-based models and computer simulation in order to make predictions. Topics may include unconstrained and constrained growth models, equilibrium and stability, force and motion, predator-prey model, enzyme kinetics, data-driven models, probability distributions, Monte Carlo simulations, random walk, diffusion, cellular automaton simulations, and high performance computing.
PREREQ: MATH 254 WITH A GRADE OF C OR BETTER AND MATH 355

MATH 415 MODERN ALGEBRA AND NUMBER THEORY FOR THE ELEMENTARY TEACHER  3 Units
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 370 OR CONSENT OF INSTRUCTOR

MATH 416 GEOMETRY FOR THE ELEMENTARY TEACHER  3 Units
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 370 OR CONSENT OF INSTRUCTOR

MATH 417 NUMBER THEORY  3 Units
A study of the properties of integers, representation of integers in a given base, properties of primes, arithmetic functions, module arithmetic. Diophantine equations and quadratic residues. Consideration is also given to some famous problems in number theory.
PREREQ: MATH 280 OR MATH 415 OR CONSENT OF INSTRUCTOR

MATH 420 APPLIED REGRESSION ANALYSIS  3 Units
This is a second course in regression analysis and its applications. Topics include correlation, simple and multiple linear regression, model assumptions, inference of regression parameters, regression diagnostics and remedial measures, categorical predictors, multicollinearity, and model selection. Real data are emphasized and analyzed using statistical software such as R or SAS.
PREREQ: MATH 342 OR CONSENT OF INSTRUCTOR

MATH 421 MATHEMATICS FOR HIGH SCHOOL TEACHERS I  3 Units
The course revisits the high school curriculum from an advanced perspective. The focus is on deepening understanding of concepts, highlighting connections and solving challenging problems. The mathematical content includes number systems, functions, equations, integers, and polynomials. Connections to geometry are emphasized throughout the course.
PREREQ: MATH 280, MATH 301 AND AT LEAST AN ADDITIONAL 3 CREDITS IN UPPER LEVEL MATH

MATH 422 MATHEMATICS FOR HIGH SCHOOL TEACHERS II  3 Units
The course continues the exploration of the high school curriculum from an advanced perspective that was started in MATH 421. The focus is on deepening understanding of concepts, highlighting connections and solving challenging problems. The mathematical content includes congruence, distance, similarity, trigonometry, area, and volume. Connections to algebra are emphasized throughout the course.
PREREQ: MATH 353 AND MATH 421

MATH 423 EXPERIMENTAL DESIGN AND ANALYSIS OF VARIANCE  3 Units
An introduction to applied experimental design with emphasis on the construction of causal knowledge, analytical techniques, and statistical publication requirements. Topics include single and multiple factor, randomized block, and repeated measure designs; model selection, underlying assumptions, inference, diagnostics, multiple comparison procedures, confidence intervals, effect sizes, and difficulties in applied research settings. R computing platform will be used.
PREREQ: MATH 342 WITH A GRADE OF C OR BETTER

MATH 430 SAMPLING, DESIGN, AND ANALYSIS OF SURVEY DATA  3 Units
Practical issues in sampling, applied survey research, analysis of complex survey data, and professional reporting are emphasized. Topics include random and non-random sampling, parameter estimation, bias, questionnaire design and wording, psychology of participant response, data imputation, weighting, finite population correction, analysis of categorical data and hierarchical linear models. Students will conduct survey research and complete a data analysis project.
PREREQ: MATH 342 WITH A GRADE OF C OR BETTER
MATH 431  TOPOLOGY  3 Units
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 CONSENT OF INSTRUCTOR

MATH 442  MATHEMATICAL STATISTICS  4 Units
This course will cover moment generating functions; multivariate
probability distributions including moments of linear combinations of
random variables and conditional expectation; functions of random
variables; sampling distributions and the Central Limit Theorem; the
theory and properties of estimation; confidence intervals; and the
Neyman-Pearson Lemma, likelihood ratio tests and common tests of
hypotheses.
PREREQ: MATH 255 WITH A GRADE OF C OR BETTER AND MATH 343
WITH A GRADE OF C OR BETTER

MATH 450  GRAPH THEORY  3 Units
This course will examine basic concepts and applications of graph
theory. Topics covered will be selected from trees, connectivity, paths and
cycles, coloring, matching and covering problems, digraphs, and network
flows.
PREREQ: MATH 280 OR CONSENT OF INSTRUCTOR

MATH 452  INTRODUCTION TO ABSTRACT ALGEBRA  3 Units
An introductory survey of abstract algebra and number theory with
emphasis on the development and study of the number systems of
integers, integers mod n, rationals, reals, and complex numbers. These
offer examples of and motivation for the study of the classical algebraic
structures of groups, rings, integral domains and fields.
PREREQ: MATH 280 OR CONSENT OF INSTRUCTOR
UNREQ: MATH 415 AND MATH 452

MATH 453  ABSTRACT ALGEBRA  3 Units
This course is a continuation of MATH 452 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  APPLIED MATHEMATICAL ANALYSIS  3 Units
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  PARTIAL DIFFERENTIAL EQUATIONS  3 Units
Fourier analysis, partial differential equations and boundary value
problems, complex variables, and potential theory.
PREREQ: MATH 361

MATH 463  COMPLEX VARIABLES  3 Units
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  ADVANCED CALCULUS  3 Units
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 OR CONSENT OF INSTRUCTOR

MATH 471  NUMERICAL ANALYSIS  3 Units
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: MATH 355 AND (COMPSCI 170 OR COMPSCI 171 OR COMPSCI
172 OR COMPSCI 174 OR COMPSCI 220 OR COMPSCI 222 OR COMPSCI
347)

MATH 474  DYNAMICAL SYSTEMS & CHAOS  3 Units
An analytic, geometric, and intuitive study of continuous and discrete
low-dimensional nonlinear dynamical systems. The basic notions of
stability, bifurcations, chaotic systems, strange attractors, and fractals
are examined. Specific applications will be taken from diverse fields such
as Biology, Chemistry, Economics, Engineering, and Physics.
PREREQ: MATH 361 WITH A C OR BETTER

MATH 490  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing
‘hands on’ and participatory instructional techniques.

MATH 492  FIELD STUDY  Repeatable  1-3 Units
A study for which data is obtained or observations are made outside the
regular classroom. Repeatable. Instructor Consent required.

MATH 493  MATH INTERNSHIP  Repeatable  1-3 Units

MATH 494  SEMINAR  Repeatable  2 Units
Variable topics. Group activity. An advanced course of study in a defined
subject matter area emphasizing a small group in intense study with a
faculty member. Repeatable. Instructor Consent required.

MATH 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable three times maximum in 6 years. Instructor Consent required.

MATH 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics

MATH 498  INDEPENDENT STUDY  Repeatable  1-5 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable. Department Consent required.

MATH 498R  INDEPENDENT STUDY - UNDERGRADUATE
RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable. Department Consent required.

MATH 499  PROJECT FOR MAJORS  1 Units
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: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR
Media Arts and Game Development (MAGD)

Courses

MAGD 150 INTRODUCTION TO MEDIA ARTS AND GAME DEVELOPMENT 3 Units
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 Units
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 Units
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 Units
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.
PREREQ: MAGD 150 AND MAGD 210

MAGD 271 INTERACTIVE COMMUNICATION 3 Units
Course focuses on design and development of interactive media and games. Students develop interactive environments focused on storytelling and game-based interaction. Course explores the creation, delivery and reception of interactive communication and how good interaction ideas are developed. Work is assessed for functionality, elegance and usability.
PREREQ: MAGD 150

MAGD 272 GAME DEVELOPMENT 3 Units
Focuses on the creation of videogame projects using a modern game engine. Designed for students with competence in art, design, programming, or some combination of the three. The curriculum is a combination of short lectures, individual and group activities, tutorials, readings, discussion, and critique leading to individual and team game-building assignments.
PREREQ: MAGD 150, MAGD 210, AND MAGD 220 AND SOPHOMORE STATUS

MAGD 487 MEDIA ARTS CAPSTONE - PORTFOLIO DEVELOPMENT 3 Units
As the culmination of the MAGD sequence, students will build a working portfolio that demonstrates their skills. Students will implement the knowledge they have acquired individually in courses in the MAGD sequence to create their portfolio, develop their skills, and learn how to work in groups.
PREREQ: MAGD 150 AND MAGD 210 AND MAGD 220 AND MAGD 270 AND MAGD 271; AND 12 ADDITIONAL CREDITS IN THE MAJOR; AND DEPARTMENT CONSENT OR SENIOR STATUS

MAGD 488 MEDIA ARTS AND GAME DEVELOPMENT TEAM PROJECTS Repeatable 3 Units
Students will plan, pitch, and develop team projects. 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.
PREREQ: MAGD 150 AND MAGD 210 AND MAGD 220; AND TWO OF THE FOLLOWING (MAGD 270, MAGD 271, AND MAGD 272); AND DEPARTMENT CONSENT OR SENIOR STATUS

MAGD 490 WORKSHOP Repeatable 1-3 Units
Variable Topics

MAGD 491 GAMES PRACTICUM: NETHERLANDS 3 Units
Students will collaborate with HAN students to complete and deploy a video game while practicing effective communication, project management, and implementing game development tasks at HAN University in the Netherlands.

MAGD 492 FIELD STUDY Repeatable 1-3 Units

MAGD 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

MAGD 498 INDEPENDENT STUDIES Repeatable 1-6 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of six credits in major/degree.

Meteorology (MLG) - Rock County

Courses

MLG 100 INTRODUCTION TO METEOROLOGY 3 Units
The study of the conditions & the processes of the atmosphere that constitute weather. This includes both description & explanation of various atmospheric processes. Topics include: solar energy budget, heating of the atmosphere, temperature, air pressure, winds, atmospheric moisture, precipitation, air masses, fronts, mid-latitude cyclones, thunderstorms, tornadoes, hurricanes, analysis of weather maps & forecasting

MLG 110 GLOBAL CLIMATE STUDIES 4 Units
The study of the conditions & the processes of the atmosphere that constitute climate. This includes both description & explanation of various global & regional climate processes. Topics include: Observing the Earth’s climate, Earth’s energy budget, Air/Sea Interactions, Paleoclimates, Global Circulations, Natural & Anthropogenic causes of Climate Change, Climate Classification & the climate future.

Miscellaneous (MISC)

Courses

MISC 497 EXCHANGE STUDY 1-12 Units
Variable topics.

Music (MUS) - Rock County

Courses

MUS 001 BEGINNING PIANO 2 Units
A study of basic piano technique toward skill in playing five-finger patterns & triads in all major & minor keys, chord progressions in all major keys, major & harmonic minor scales, basic transposition, legato & staccato touch & responsiveness to phrasing.
PREREQ: CONSENT OF INSTRUCTOR
MUS 002  BEGINNING PIANO  2 Units
A study of basic piano technique toward skill in playing five-finger patterns & triads in all major & minor keys, chord progressions in all major keys, major & harmonic minor scales, basic transposition, legato & staccato touch & responsiveness to phrasing.
PREREQ: CONSENT OF INSTRUCTOR

MUS 003  ELEMENTARY PIANO  2 Units
A continuation of skills learned in MUS 002, including dexterity playing major & harmonic minor scales & arpeggios, harmonization of a given melody with block chord accompaniment, playing various rhythms including syncopation in simple, compound & asymmetric meters, & reading & playing two parts including alto or tenor clef.
PREREQ: SUCCESSFUL COMPLETION OF MUS 002 AND/OR CONSENT OF INSTRUCTOR

MUS 004  ELEMENTARY PIANO  2 Units
A continuation of skills learned in MUS 002, including dexterity playing major & harmonic minor scales & arpeggios, harmonization of a given melody with block chord accompaniment, playing various rhythms including syncopation in simple, compound & asymmetric meters, & reading & playing two parts including alto or tenor clef.
PREREQ: SUCCESSFUL COMPLETION OF MUS 002 AND/OR CONSENT OF INSTRUCTOR

MUS 070  ORCHESTRA  Repeatable  1-2 Units
Open to all students with experience playing an orchestral instrument.

MUS 071  BAND  Repeatable  1-2 Units
Open to all students with experience playing a b& instrument.

MUS 072  CHORUS  Repeatable  1-2 Units
Open to all students.

MUS 074  JAZZ ENSEMBLE  Repeatable  1-2 Units
Open to all students with previous experience playing an instrument.

MUS 075  SMALL VOCAL ENSEMBLE  Repeatable  1-2 Units
Open to all students. Prereq: Individual campuses may require an audition for admission. Individual campuses may require concurrent enrollment in MUS 072 (Chorus).

MUS 076  INSTRUMENTAL CHAMBER ENSEMBLE  Repeatable  1-2 Units
Open to all students with experience playing a musical instrument germane to the type of ensemble.

MUS 099  MUSIC THEORY LAB  2 Units
Application & memorization drill of concepts being offered in MUS 171 (Music Theory I). Prereq: Concurrent enrollment in MUS 171.
COREQ: CONCURRENT ENROLLMENT IN MUS 171

MUS 104  HARMONY  4 Units

MUS 106  PIANO TECHNIQUES  2 Units
A beginning keyboard course for non-Music majors. A study of piano technique toward skill in playing five-finger patterns, scales, & triads in all major & minor keys, chord progressions in all major keys all toward learning how to play basic tunes on the piano.

MUS 107  VOCAL TECHNIQUES  2 Units
Theory & practice in fundamentals of singing.

MUS 115  WOODWINDS TECHNIQUES  2 Units
Theory & practice in fundamentals of woodwind performance.

MUS 130  BRASS TECHNIQUES  2 Units
Theory & practice in fundamentals of brass performance.

MUS 131  THEORY FUNDAMENTALS  2 Units
A continuation of the study of music fundamentals including notation, rhythm, intervals, scales & chords, sight-singing, ear-training & keyboard fundamentals. This course may also serve as preparation for MUS 171 Music Theory & MUS 181 Aural Skills.

MUS 145  PERCUSSION TECHNIQUE  2 Units
Theory & practice in fundamentals of percussion performance.

MUS 147  STRING TECHNIQUES  2 Units
Theory & practice in fundamentals of string performance.

MUS 170  FUNDAMENTALS OF MUSIC  3 Units
This course is designed to acquaint the student with the fundamentals of music through experiences with the keyboard, rhythm instruments, singing, listening, & note reading. Required for some elementary education majors & open to the general student. Acceptable as preparation for a music major or minor program.

MUS 171  MUSIC THEORY I  3 Units
A detailed study of the development of West Music's structural techniques & basic Comp.al components through the study & analysis of harmony & an Intro to counterpoint. Notation, rhythm, major & minor keys, modes, root position triads, inverted chords, non-harmonic tones & an Intro to part writing will be studied. Includes keyboard work to examine, explore & understand the materials studied. Open to all students with consent of instructor. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 181 to meet aural skills requirement.
PREREQ: CONSENT OF INSTRUCTOR

MUS 172  MUSIC THEORY II  3 Units
Continuation of MUS 171. Melodic harmonization, voice-leading, harmonic & rhythmic progression, dominant seventh & leading-tone seventh chords, non-dominant seventh chords, Intro to modulation, secondary dominant & leading-tone chords, Intro to two & three-part forms & counterpoint will be studied. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 182 to meet aural skills requirements.
PREREQ: MUS 171

MUS 173  MUSIC LITERATURE AND APPRECIATION  3 Units
A guide to the understanding of music through listening experiences in the various styles & historical periods.

MUS 174  MUSIC LITERATURE AND APPRECIATION  3 Units
A guide to the understanding of music through listening experiences in the various styles & historical periods.

MUS 181  AURAL SKILLS I  3 Units
Development of skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 171.
COREQ: CONCURRENT ENROLLMENT IN MUS 171

MUS 182  AURAL SKILLS II  2 Units
Development of skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 172.
PREREQ: MUS 181

MUS 271  MUSIC THEORY III  3 Units
A continuation of MUS 172 with an Intro to advanced harmony & counterpoint. Concepts of counterpoint, harmonic sequences, chromatic harmony, advanced modulation, Neapolitan & augmented sixth chords, more complex forms such as sonata, concerto, sonata-rondo & the fugue will be studied. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 281 to meet aural skills requirements.
PREREQ: MUS 172
MUS 272 MUSIC THEORY IV 3 Units
A continuation of MUS 271. Embellishing chromatic chords, dominant prolongation, modulation to foreign keys, harmonic sequences, chromatic voice-leading, intro to 20th century techniques including set theory, 12-tone serial techniques, pointillism, polytonality, cluster techniques, microtones, indeterminacy & 20th century notation will be studied. Required of students planning a music major or minor. Music majors & minors must enroll concurrently in MUS 282 to meet aural skills requirements.
PREREQ: MUS 271

MUS 273 JAZZ HISTORY AND APPRECIATION 3 Units
An intro to the styles & forms of jazz through a study of its history, lit., cultural influences, musical structure, & prominent performers. Includes recorded listening experiences.

MUS 275 HISTORY OF WESTERN MUSIC 3 Units
A Surv. of the historical development of musical style & theoretical concepts from ancient Greece to 1750. Required of students planning a music major or minor.
PREREQ: MUS 172 OR CONSENT OF INSTRUCTOR

MUS 276 HISTORY OF WESTERN MUSIC 3 Units
A Surv. of the historical development of musical style & theoretical concepts from ancient Greece to 1750. Required of students planning a music major or minor.
PREREQ: MUS 172 OR CONSENT OF INSTRUCTOR

MUS 278 HISTORY OF ROCK AND ROLL 3 Units
A study of Rock & Roll with emphasis on the roots, origins & influential figures in the history of this cultural phenomenon. Includes recorded listening experiences.

MUS 280 CONDUCTING 2 Units
Conducting techniques; emphasis on practical application to vocal & instrumental groups.

MUS 281 AURAL SKILLS III 2 Units
Development of aural skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 271.
PREREQ: MUS 182

MUS 282 AURAL SKILLS IV 2 Units
Development of aural skills in sight-singing & ear-training. Required of students planning a music major or minor & enrolled in MUS 272.
PREREQ: MUS 281

MUS 285 WORLD MUSIC 3 Units
A guide to the understanding of non-West & ethnic West music through guided listening experiences of representative music throughout the world; the study of the effect of demographics & geographic concepts within a culture; & the resulting impact on America's diverse musical culture.

MUS 295 SELECTED STUDIES Repeatable 1-3 Units
Single course offerings not listed in the catalog, reflecting individual campus interests.
PREREQ: CONSENT OF INSTRUCTOR

Music (MUSC) Courses

MUSC 60 PRIVATE INSTRUMENTAL INSTRUCTION IN THE PRIMARY PERFORMING AREA 1 Units
This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

MUSC 70 PRIVATE VOCAL INSTRUCTION IN THE PRIMARY AREA 1 Units
This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

MUSC 80 PRIVATE KEYBOARD INSTRUCTION IN THE PRIMARY PERFORMING AREA 1 Units
This course is intended for students accepted as probationary music majors. Students allowed to enroll have demonstrated potential in their performing medium, but need to review the basics of playing their instrument and/or need work in some performance skills to catch up to the level of a first term music major. This course counts toward the term credit load and will be computed into the grade point average. It will not be included in the credit count toward graduation. This course is not repeatable. At the conclusion of one term of "0" lessons, the student must reaudition to be accepted as a major in the department. A grade of "C" or lower and/or nonacceptance as a music major will be cause for the removal of the student from the program. NOTE: Does not count toward degree.

MUSC 100 RECITAL ATTENDANCE Repeatable 0 Units
Offered on a satisfactory/no credit basis only. A set number of recitals and concerts must be attended to fulfill the requirement. Open to and required of music majors and minors. Repeatable.

MUSC 120 PRIVATE INSTRUMENTAL INSTRUCTION (ELECTIVE) Repeatable 1 Units
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.
MUSC 121  PRIVATE VOCAL INSTRUCTION (ELECTIVE)  Repeatable  1 Units
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.

MUSC 122  PRIVATE PIANO INSTRUCTION (ELECTIVE)  Repeatable  1 Units
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.

MUSC 126  PRIVATE INSTRUMENTAL INSTRUCTION (NON-PRIMARY)  Repeatable  1 Units
This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.
COREQ: MUSC 100

MUSC 127  PRIVATE VOCAL INSTRUCTION (NON-PRIMARY)  Repeatable  1 Units
This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.
COREQ: MUSC 100

MUSC 128  PRIVATE PIANO INSTRUCTION (NON-PRIMARY)  Repeatable  1 Units
This course is intended for minors and for music majors fulfilling applied music requirements for secondary study.
COREQ: MUSC 100

MUSC 129  PRIVATE ORGAN INSTRUCTION (NON-PRIMARY)  Repeatable  1 Units
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 instructor.
COREQ: MUSC 100

MUSC 140  INTRODUCTION TO CLASSICAL MUSIC  2 Units
A course in music appreciation focusing on western European Art music, emphasizing the organizational elements in music and the pertinence of these elements to perceptive listening and the role of music in culture. Lectures, concerts, assigned reading and directed listening. Not open to music majors and minors.

MUSC 143  SURVEY OF AMERICAN JAZZ  2 Units
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  2 Units
A beginning course in music theory for interested students. The course content includes basic concepts of notation, pitch, rhythm, scales, and chords. Beginning listening and music reading skills are taught. Credits not applicable to music major or minor.

MUSC 151  THEORY I  2 Units
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 OR DEPARTMENT

MUSC 152  THEORY II  2 Units
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 Units
An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work on melody, harmony and rhythm. Intended to be taken concurrently with Theory I (MUSC 151).
PREREQ: ENROLLED BA MUSIC, BM OR MUSIC MINOR OR CONSENT OF INSTRUCTOR. COREQ: MUSC 151

MUSC 154  AURAL SKILLS II  2 Units
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-PRIMARY PERFORM AREA (LEVEL 1)  Repeatable  1-4 Units
Study at this level includes the review and application of fundamental techniques in the selected area, and the performance of solo repertoire appropriate to the first year of college study. Repeatable. Open to music majors who have passed the entrance audition in their primary area.
PREREQ: MUSIC MAJORS; COREQ: MUSC 100

MUSC 161  UNIVERSITY BANDS  Repeatable  1 Units
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.

MUSC 162  UNIVERSITY ORCHESTRA  Repeatable  1 Units
Open to all university students. Materials selected from standard orchestral literature.

MUSC 164  JAZZ BANDS  Repeatable  1 Units
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.

MUSC 166  FOLK GUITAR  1 Units
An introduction to guitar through class lesson. Emphasis will be placed on the chordal approach to guitar playing in order to harmonize (accompany) popular folk melodies.
PREREQ: MUSC MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

MUSC 169  MARCHING BAND  Repeatable  1 Units
Open to all students in the university who play a wind or percussion instrument, or who have been in a color guard. Performs for all home games, State Marching Band Championships and travels periodically. Offered fall term only.

MUSC 170  PRIVATE VOCAL INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 1)  Repeatable  1-4 Units
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.
PREREQ: MUSIC MAJORS; COREQ: MUSC 100
MUSC 171 UNIVERSITY CHOIRS  Repeatable 1 Units
Open to all university students; no audition required. Registering for University Choirs automatically places students in Concert Choir plus either Women's Chorale or Men's Chorus, depending on gender. The total rehearsal commitment is four hours per week. Repertoire includes classical, world, and popular music; activities consist of concerts on campus, often with the Whitewater Symphony Orchestra. Repeatable.

MUSC 172 CHAMBER SINGERS  Repeatable 1 Units
Selective choir open to all students by audition. Repertoire consists of classical music from all eras and a wide variety of ethnic music. Activities include concerts on and off campus and annual tours, either regionally or internationally. Four hours of rehearsal per week. Auditions held during the first week of classes in September, and, as needed, in January. PREREQ: OPEN TO ALL UNIVERSITY STUDENTS BY AUDITION

MUSC 177 CLASS VOICE I 1 Units
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-PRIMARY PERFORM AREA (LEVEL 1)  Repeatable 1-4 Units
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. PREREQ: MUSIC MAJORS; COREQ: MUSC 100

MUSC 186 CLASS PIANO I 1 Units
Group instruction for music majors and minors who have had no previous keyboard training. Two one-hour meetings and four hours practice per week. PREREQ: ENROLLED BA MUSIC, BM OR MUSIC MINOR; OR CONSENT OF INSTRUCTOR OR DEPARTMENT

MUSC 187 CLASS PIANO II 1 Units
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 Units
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 Units
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 195 MUSIC AS A WORLD PHENOMENON 2 Units
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 3 Units
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 3 Units
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 3 Units
A survey of the history of Western music, from Antiquity to 1750. The course emphasizes music listening and style analysis of Medieval, Renaissance and Baroque music, along with basic bibliographic knowledge and research practices necessary for the music student. PREREQ: GENED 110 AND MUSC 151 AND MUSC 152 OR CONSENT OF INSTRUCTOR

MUSC 246 MUSIC HISTORY II 3 Units
A continuation of MUSC 245. A survey of the history of Western music, from 1750 to 1900. The course emphasizes music listening and style analysis of Classical and Romantic period music. PREREQ: GENED 110 AND MUSC 151 AND MUSC 152 OR CONSENT OF INSTRUCTOR

MUSC 247 MUSIC HISTORY III 3 Units
A continuation of MUSC 246. A survey of the history of Western music, from 1900 to the present. The course emphasizes music listening and style analysis of 20th and 21st-century music, including popular styles. PREREQ: GENED 110 AND MUSC 151 AND MUSC 152 OR CONSENT OF INSTRUCTOR

MUSC 251 THEORY III 2 Units
An approach to the comprehension of the basic tools of musicianship through the study of modulation and chromatic harmony. PREREQ: MUSC 152

MUSC 252 THEORY IV 2 Units
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 Units
An approach to the comprehension of the basic tools of musicianship through the study of pitch and pattern work in melody, harmony and rhythm at a more advanced level than Aural Skills II. PREREQ: MUSC 152 AND MUSC 154

MUSC 254 AURAL SKILLS IV 2 Units
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-PRIMARY PERFORM AREA (LEVEL 2)  Repeatable 1-4 Units
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. PREREQ: COMPLETION OF TWO TERMS OF MUSC 160 WITH A GRADE OF ‘C’ OR BETTER IN EACH TERM (‘B’ OR BETTER FOR STUDENTS PURSUING THE PERFORMANCE EMPHASIS). MUSIC MAJORS; COREQ: MUSC 100
MUSC 269 INSTRUMENTAL ENSEMBLE  Repeatable 1 Units
Instrumental ensembles that are regularly offered in the spring term include 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-PRIMARY PERFORM AREA (LEVEL 2)  Repeatable 1-4 Units
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 170 LEVEL WITH GRADE OF 'C' OR BETTER ('B' OR BETTER FOR STUDENTS PURSUING PERFORMANCE EMPHASIS) AND MUSIC MAJOR; COREQ: MUSC 100

MUSC 271 OPERA PERFORMANCE TECHNIQUES  Repeatable 1 Units
A study of basic techniques for the singer/actor through performance of scenes from operatic masterworks of various historical periods.

MUSC 272 PRACTICUM IN MUSIC THEATRE  Repeatable 1 Units
Participation as a singer or orchestra member in a university production.

MUSC 275 DICTION FOR SINGERS I  Repeatable 3 Units
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  Repeatable 2 Units
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 277 VOCAL JAZZ ENSEMBLE  Repeatable 1 Units
Selective choir open to all students by audition. Repertoire covers all styles in the contemporary vocal idiom, including jazz, pop, and Broadway. Concerts occur on and off campus and on annual tours, either regionally or internationally. Two hours of rehearsal per week. Auditions are held during the first week of classes in September, and, as needed, in January. Repeatable.
PREREQ: OPEN TO ALL UNIVERSITY STUDENTS BY AUDITION

MUSC 278 GOSPEL CHOIR  Repeatable 1 Units
Open to all university students; no audition required. The study and performance of music in the African-American Gospel tradition. Activities include weekly rehearsals and concerts on and off campus each semester. Repeatable.

MUSC 279 VOCAL ENSEMBLE  Repeatable 0.5 Units
Open to all university students; no audition required. Ensembles include Women's Chorale, Men's Chorus, and Concert Choir. These choirs perform a wide variety of musical styles, including classical, popular, Broadway, and world music. Activities consist of concerts on and off campus. Repeatable.

MUSC 280 PRIVATE PIANO INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 2)  Repeatable 1-4 Units
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 180 LEVEL WITH A GRADE OF 'C' OR BETTER IN EACH TERM ('B' OR BETTER FOR STUDENTS PURSUING THE PERFORMANCE EMPHASIS) AND MUSIC MAJORS; COREQ: MUSC 100

MUSC 292 INSTRUMENTAL TECHNIQUES  1 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

MUSC 293 AUDIO PRACTICUM  Repeatable 1 Units
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 CROSS-LISTED: COMM 293 AND MUSC 293

MUSC 326 PRIVATE INSTRUMENTAL INSTRUCTION (NON-PRIMARY) LEVEL 2  Repeatable 1 Units
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  Repeatable 1 Units
A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable for a maximum of 3 credits in major.
PREREQ: SUCCESSFUL COMPLETION OF FOUR TERMS OF 100 LEVEL AND CONSENT OF FACULTY

MUSC 328 PRIVATE PIANO INSTRUCTION (NON-PRIMARY) LEVEL 2  1 Units
A continuation of 100 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable for a maximum of 3 credits in major.
PREREQ: SUCCESSFUL COMPLETION OF FOUR TERMS OF 100 LEVEL AND CONSENT OF FACULTY

MUSC 338 APPLIED VOICE PEDAGOGY  3 Units
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 AND PASS PIANO PROFICIENCY

MUSC 339 PIANO PEDAGOGY  2 Units
A critical and intensive examination of teaching materials and skills essential for teaching the piano.

MUSC 344 HISTORY OF AMERICAN JAZZ  2 Units
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 Units
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, ENGLISH 101 AND ENGLISH 102 OR ENGLISH 105
CROSS-LISTED: MUSC 345 AND WOMENST 345

MUSC 346  SOUND AND IMAGE: AN EXPLORATION OF SOUND FOR/ WITH VISUAL MEDIA  3 Units
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.
CROSS-LISTED: COMM 346 AND MUSC 346

MUSC 356  CONDUCTING  2 Units
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 OR CONSENT OF INSTRUCTOR

MUSC 357  CHORAL CONDUCTING  2 Units
Advanced choral conducting techniques with emphasis placed on rehearsal problems and solutions as well as choral organization management.
PREREQ: MUSC 356 AND PASS PIANO PROFICIENCY

MUSC 358  INSTRUMENTAL CONDUCTING  2 Units
Advanced conducting techniques with emphasis on both the gestural aspects of conducting and score study.
PREREQ: MUSC 356 AND PASS PIANO PROFICIENCY

MUSC 360  PRIVATE INSTRUMENTAL INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 3) Repeatable  1-4 Units
A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 260 LEVEL WITH GRADE OF B OR BETTER AND CONSENT OF FAcULTY AND A MUSIC MAJOR. COREQ: MUSC 100

MUSC 370  PRIVATE VOCAL INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 3) Repeatable  1-4 Units
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 MUSC 270 LEVEL WITH GRADE OF B OR BETTER AND CONSENT OF FACULTY AND A MUSIC MAJOR; COREQ: MUSC 100

MUSC 380  PRIVATE PIANO INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 3) Repeatable  1-4 Units
A continuation of 200 Level with increased emphasis on technical facility and preparation of solo literature. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 280 LEVEL WITH GRADE OF ‘B’ OR BETTER AND CONSENT OF FACULTY AND A MUSIC MAJOR; COREQ: MUSC 100

MUSC 383  CHAMBER MUSIC Repeatable  1 Units
Rehearsal and performance of music for diverse small ensembles. Credit 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.

MUSC 385  ACCOMPANYING AND COLLABORATIVE PIANO PRACTICUM Repeatable  2 Units
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 Units
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: MUSC MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

MUSC 436  BAROQUE MUSIC  3 Units
Musical trends during the Baroque era, including the development of musical style from the late Renaissance courts through the music of Bach and Handel. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247 OR CONSENT OF INSTRUCTOR

MUSC 438  MEDIEVAL MUSIC  3 Units
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 443  LITERATURE AND PEDAGOGY OF THE MAJOR PERFORMING AREA Repeatable  2 Units
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.

MUSC 445  RENAISSANCE MUSIC  3 Units
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

MUSC 447  MUSIC OF THE CLASSICAL PERIOD  3 Units
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, MUSC 246 AND MUSC 247 OR CONSENT OF INSTRUCTOR

MUSC 448  MUSIC OF THE ROMANTIC PERIOD  3 Units
Musical trends from c. 1800-1910; the development of Western European musical style during the 19th century. Analysis of representative works.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247 OR CONSENT OF INSTRUCTOR

MUSC 450  SURVEY OF WORLD MUSICS  3 Units
Provides a basic introduction to ethnomusicological methods and problems, and surveys several non-Western musical cultures. Students will analyze representative works and conduct independent research on a pertinent topic.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247
MUSC 451  CHORAL AND KEYBOARD ARRANGING  2 Units
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  ELECTRONIC MUSIC AND SOUND DESIGN 1  2 Units
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 COMM 239 OR MUSED 290 OR MUSC 346/COMM 346 OR CONSENT OF INSTRUCTOR

MUSC 453  ARRANGING  2 Units
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 Units
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 OR CONSENT OF INSTRUCTOR

MUSC 455  FORM AND ANALYSIS  2 Units
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  Repeatable  2 Units
Creative writing in various idioms, utilizing both harmonic and contrapuntal techniques.
COREQ: MUSC 252 OR CONSENT OF INSTRUCTOR

MUSC 458  JAZZ IMPROVISATION  Repeatable  1 Units
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 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 459  JAZZ ARRANGING AND COMPOSITION  Repeatable  2 Units
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

MUSC 460  PRIVATE INSTRUMENTAL INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 4)  Repeatable  1-4 Units
A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 360 LEVEL WITH A GRADE OF 'B' OR BETTER AND A MUSIC MAJOR; COREQ: MUSC 100

MUSC 461  ADVANCED JAZZ IMPROVISATION  Repeatable  1 Units
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  Repeatable  2 Units
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  MUSIC AFTER 1900  3 Units
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 464  AMERICAN MUSIC  3 Units
A survey of American music, including its major influences, great works, important styles, and prominent musicians. Topics covered include popular music; the concert music tradition, both populist and avant-garde; the influence of black music; sacred music; and the musical contributions of ethnic and regional subcultures.
PREREQ: MUSC 245, MUSC 246 AND MUSC 247 OR CONSENT OF INSTRUCTOR

MUSC 466  ADVANCED JAZZ PEDAGOGY II  1 Units
Students in Jazz Pedagogy II will acquire hands-on experience with the organization, performance, and directing of both the large and small jazz ensembles. This will be facilitated through a student big band and multiple small groups that will include class members on major or secondary instruments. Volunteer students will cover positions not available in the class enrollment to achieve complete instrumentation in all of the ensembles.
PREREQ: MUSED 467

MUSC 467  PRIVATE VOCAL INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 4)  Repeatable  1-4 Units
A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 370 LEVEL WITH A GRADE OF 'B' OR BETTER AND A MUSIC MAJOR. COREQ: MUSC 100

MUSC 468  PRIVATE PIANO INSTRUCTION-PRIMARY PERFORM AREA (LEVEL 4)  Repeatable  1-4 Units
A continuation of 300 Level, the primary objective being the preparation and presentation of a senior recital. Repeatable.
PREREQ: COMPLETION OF TWO TERMS OF MUSC 380 LEVEL WITH A GRADE OF 'B' OR BETTER AND A MUSIC MAJOR. COREQ: MUSC 100
MUSC 482 VOCAL AND INSTRUMENTAL ACCOMPANYING  Repeatable 1 Units
A study of principles of vocal and instrumental accompanying. Practical accompaniment projects carried out under supervision. Repeatable four times for major/degree.

MUSC 488 SENIOR RECITAL 1 Units
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 20 minutes of music and its performance on a public recital. One credit of Level 400 instruction in the Primary Performing Area may be elected concurrently.
PREREQ: TWO TERMS OF PRIVATE INSTRUCTION IN THE PRIMARY PERFORMING AREA AT 300 LEVEL; COREQ: ONE CREDIT OF LEVEL 400 INSTRUCTION IN THE PRIMARY PERFORMING AREA.

MUSC 489 SENIOR RECITAL (PERFORMANCE) 1 Units
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 45 minutes of music and its performance on a public recital. Two or three credits of Level 400 instruction in the Primary Performing Area should be elected concurrently.
PREREQ: TWO TERMS OF PRIVATE INSTRUCTION IN THE PRIMARY PERFORMING AREA AT 300 LEVEL. COREQ: TWO OR THREE CREDITS OF LEVEL 400 INSTRUCTION IN THE PRIMARY PERFORMING AREA.

MUSC 490 WORKSHOP  Repeatable 1-6 Units
Prerequisite: Two terms of private instruction in the Primary Performing Area at 300 Level. The student should enroll for this course in the term in which he/she intends to present the senior recital. The main objective is the preparation of at least 45 minutes of music and its performance on a public recital. Two or three credits of Level 400 instruction in the Primary Performing Area should be elected concurrently.

MUSC 491 TRAVEL STUDY  Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable

MUSC 496 SPECIAL STUDIES  Repeatable 1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

MUSC 497 EXCHANGE STUDY  Repeatable 1-12 Units
Variable topics.

MUSC 498 INDEPENDENT STUDY  Repeatable 1-4 Units
Study of selected topic or topics under the direction of a faculty member. PREREQ: JUNIOR OR SENIOR MUSIC MAJORS OR MINORS AND CONSENT OF INSTRUCTOR

Music Education (MUSED)

Courses

MUSED 160 INTRODUCTION TO TEACHING MUSIC 1 Units
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 278 VOICE PEDAGOGY FOR INSTRUMENTAL MUSIC EDUCATORS 1 Units
This course is intended as preparation for instrumental music education majors who may be required to instruct choral ensembles and/or voice lessons as part of their teaching duties. Building on concepts learned in MUSC 177: Class Voice, students will learn about the anatomical, physiological and acoustic elements of singing in order to gain a working knowledge of the vocal mechanism.
PREREQ: MUSC 177

MUSED 290 TECHNOLOGY MUSIC EDUCATORS 2 Units
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 322 EARLY CHILDHOOD MUSIC METHODS 3 Units
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 a basic understanding of musical fundamentals, and the skills, understanding and dispositions which will allow them to enrich classroom environments through the incorporation of music into various school settings.
PREREQ: PROFESSIONAL EDUCATION ADMISSION, RESTRICTED TO STUDENTS WITH CURRICULUM EARLY CHILDHOOD

MUSED 323 ELEMENTARY SCHOOL MUSIC METHODS 3 Units
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 a basic understanding of musical fundamentals, and the 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; RESTRICTED TO STUDENTS WITH CURRICULUM ELEMENTARY EDUCATION

MUSED 328 TEACHING MUSIC AND ACCOMPANYING FROM THE PIANO 1 Units
This course is designed to prepare pre-service music teachers to use the piano as a teaching tool in a variety of settings, to use requisite piano and conducting skills to teach a wide range of musical styles, and to develop piano skills to meet the needs of future elementary and secondary music students.
PREREQ: FIVE CREDITS OF MUSC 128, MUSC 186, MUSC 187, MUSC 188, OR MUSC 189, OR CONSENT OF INSTRUCTOR

MUSED 347 STRING PEDAGOGY 2 Units
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 362 STRING INSTRUMENT TECHNIQUES 3 Units
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: MUSC MAJORS
MUSED 363 WOODWIND TECHNIQUES I  2 Units
Woodwind Techniques I provides music education students seeking license to participate in non-primary woodwind instruments. The course emphasizes the development of pedagogical and performance levels on the clarinet and flute and diagnose and solve the problems of embouchure, breathing, position, tone production, hand position, technique and basic musicianship.
PREREQ: MUSC 252

MUSED 364 WOODWIND TECHNIQUES II  2 Units
Woodwind Techniques II provides music education students seeking license, 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, position, tone production, hand position, technique, and basic musicianship.
PREREQ: MUSED 363

MUSED 366 BRASS INSTRUMENT TECHNIQUES  3 Units
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  Repeatable  2 Units
Study of snare drum, timpani, keyboard percussion, drum set and other percussion instruments. Consideration given to the problems of the beginning percussionist. Repeatable.
PREREQ: MUSC MAJOR OR MINOR OR CONSENT OF INSTRUCTOR

MUSED 437 ELEMENTARY/MIDDLE SCHOOL INSTRUMENTAL METHODS  2 Units
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: ADMISSION TO PROFESSIONAL EDUCATION AND MUSC 356 AND PASS PIANO PROFICIENCY

MUSED 438 METHODS OF TEACHING CHORAL MUSIC IN THE MIDDLE/SECONDARY SCHOOL  2 Units
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.
PREREQ: PASS PIANO PROFICIENCY COREQ: CIFLD 492

MUSED 439 METHODS TEACHING INSTRUMENTAL MUSIC MIDDLE/SECONDARY  2 Units
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: MUSED 437 AND PASS PIANO PROFICIENCY COREQ: CIFLD 492, RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

MUSED 452 PEDAGOGY AND PRACTICE FOR TEACHING GENERAL MUSIC K-12  4 Units
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 AND B OR BETTER IN MUSC 177 OR BM MUSIC EDUCATION CHORAL EMPHASIS AND PASS PIANO PROFICIENCY

MUSED 466 LITERACY AND ASSESSMENT STRATEGIES FOR THE MUSIC TEACHER  3 Units
This course is designed for music education majors to learn how to implement literacy strategies and measurement theory and assessment into middle and secondary music education courses.
PREREQ: EDFOUND 212, ONE OF THE FOLLOWING METHODS COURSES (MUSED 437, 438, 439, OR 452) AND PROFESSIONAL ED ADMISSION

MUSED 467 JAZZ PEDAGOGY I  1 Units
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 468 MARCHING BAND TECHNIQUES  1 Units
An intensive study of numerous pedagogical and administrative methods necessary to create and educational marching band experience. Topics include fundamentals of drill design, music selection, comprehensive show planning, teaching methodologies, auxiliary groups, and marching percussion.
PREREQ: MUSC 252 OR CONSENT OF INSTRUCTOR

MUSED 498 INDEPENDENT STUDY  3 Units
Study of a selected topic or topics under the direction of a faculty member.

Occupational and Environmental Safety & Health (SAFETY)

Courses

SAFETY 201 PERSONAL AND PUBLIC SAFETY  3 Units
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  3 Units
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 375 QUALITY IMPROVEMENT AND PATIENT SAFETY  3 Units
This course is an introduction to quality improvement theories and patient safety principles in the current health care environment. Topics addressed include leadership, organizational change, management and process improvement. Specifically, strategies for creating a high performance culture and infrastructure needed to support patient safety and quality improvement initiatives will be emphasized.
SAFETY 380  INTRODUCTION TO OCCUPATIONAL SAFETY & HEALTH  3 Units
Students will review case studies of historical events, investigate professional OSH organizations, and learn to utilize OSH regulatory and consensus standards websites as an introduction to the basic practice of hazard identification and assessment, control strategies, and basic safety program development.

SAFETY 381  MOTOR FLEET SAFETY  3 Units
An analysis of fleet safety programs and programs. Detailed study of the truck transportation industry, motor carrier responsibilities, federal regulations and safety supervision programs.
PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR

SAFETY 382  SAFETY IN THE CONSTRUCTION INDUSTRY  3 Units
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  INTRODUCTION TO SECURITY  3 Units
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  CONSTRUCTION ACCIDENT PREVENTION  3 Units
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 OR SAFETY 582 OR CONSENT OF INSTRUCTOR

SAFETY 388  OCCUPATIONAL SAFETY & HEALTH STANDARDS AND APPLICATIONS  3 Units
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

SAFETY 420  PRINCIPLES OF ENVIRONMENTAL MANAGEMENT  3 Units
This course addresses the U.S. Environmental Protection Agency (and Wisconsin Department of Natural Resources) regulations and the related management responsibilities of safety, environmental and/or business professionals to ensure compliance with environmental requirements. Areas to be covered: compliance, management systems, managing emissions, waste, discharges, spills & remediation, environmental audits & site assessments, sustainability, ethics, etc.

SAFETY 450  BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION  3 Units
Selected theories of accident causation and countermeasures are studied. Examination of physiological, medical, psychological, and social factors which influence behavior, and methods for modifying unsafe behavior.
PREREQ: SOPH ST OR CONS INSTR.

SAFETY 453  FUNDAMENTALS OF ENVIRONMENTAL LAW  3 Units
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.

SAFETY 468  ERGONOMICS  3 Units
Study of human capabilities and limitations (physical, perceptual and cognitive) as the basis for improving human interactions with products, workstations and jobs. Review of human anatomical, physiological, perceptual and psychomotor characteristics applied to human-machine systems to enhance worker comfort, safety, health and productivity.

SAFETY 471  APPLIED METHODS IN ERGONOMICS  3 Units
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/SAFETY 688 OR CONSENT OF INSTRUCTOR

SAFETY 472  ADVANCED INDUSTRIAL ERGONOMICS  3 Units
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/SAFETY 671 OR CONSENT OF INSTRUCTOR

SAFETY 474  FACILITY WATER MANAGEMENT  3 Units
This course will cover water related topics from a facility point of view. Topics to be covered are basic water ecology, drinking water sources, water quality monitoring, facility level water management, facility and municipal level wastewater treatment, basic water related public health issues, stormwater management, and water related regulatory compliance.
PREREQ: CHEM 102

SAFETY 479  PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE  5 Units
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 OR CHEM 112), PHYSCS 130 AND MAJOR GPA OF 2.50

SAFETY 481  ANALYSIS AND DESIGN FOR SAFETY IN INDUSTRIAL OPERATIONS  3 Units
The course reviews interpretations and applications of occupational safety and health standards. Emphasis is placed on local, state, federal and trade standards to numerous applications including materials handling, machine guarding, metalworking, electrical hazards, and flammable 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 388, SAFETY 468, AND MAJOR GPA OF 2.5 FOR SAFETY MAJORS COREQ: SAFETY 479
SAFETY 482 CONSTRUCTION SAFETY MANAGEMENT 3 Units
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 OR SAFETY 584

SAFETY 483 OCCUPATIONAL SAFETY MANAGEMENT 3 Units
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 388 OR CONSENT OF INSTRUCTOR, ONE SEMESTER OF COLLEGE STATISTICS, AND MAJOR GPA OF 2.50

SAFETY 485 FIRE PROTECTION/PREVENTION 3 Units
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 PRODUCT SAFETY 3 Units
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 489 HAZARDOUS MATERIALS MANAGEMENT 3 Units
This course provides a framework for understanding the nature of hazardous materials and how the risks from such materials may be reduced. The focus is on the properties and characteristics of hazardous materials and the life cycle of hazardous materials (manufacturing/importing, use, storage, transportation, disposal and remediation); emphasizing hazardous material minimization and the best practices of using and handling hazardous materials based on their properties and characteristics.
PREREQ: CHEM 102, AND CHEM 112 OR CHEM 104; OR ONE YEAR OF GENERAL COLLEGE CHEMISTRY; OR CONSENT OF INSTRUCTOR

SAFETY 490 WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

SAFETY 491 TRAVEL STUDY Repeatable 3 Units
Variable topics. Faculty-led courses abroad.

SAFETY 492 FIELDWORK INTERNSHIP IN SAFETY 12 Units
Offered on a satisfactory/no credit grade basis only. Students are required to secure their own internships. Hosting organizations must have a safety supervisor on-site, and the majority of internship activities be safety-related. Internships need to be pre-approved by the OESH coordinator. Students will be supervised by the organization’s safety manager and an OESH instructor. Interns will document their field experiences.
PREREQ: CONSENT OF COORDINATOR OF FIELD EXPERIENCES, SUCCESSFUL COMPLETION OF ALL DEGREE COURSEWORK WITH A MAJOR GPA OF 2.50 OR HIGHER, AND COMPLETION OF THE COMMUNITY SERVICE REQUIREMENT

SAFETY 493 AIR POLLUTION EVALUATION AND CONTROL 3 Units
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: CHEM 102 AND PHYSCS 130 OR CONSENT OF INSTRUCTOR

SAFETY 496 SPECIAL STUDIES Repeatable 1-3 Units
A course which offers study in special topics in safety which are not regularly included in the curriculum.

SAFETY 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics

SAFETY 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. May be taken for a maximum of 3 units in major/degree.
PREREQ: CONSENT OF INSTRUCTOR AND JUNIOR STATUS AND OCCUPATIONAL SAFETY MAJOR OR MINOR

Peace and Justice Studies (PAX) Courses

PAX 200 INTRODUCTION TO PEACE AND SOCIAL JUSTICE 3 Units
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, GENED 130 OR GENED 140 CROSS-LISTED: PAX 200, POLISCI 200, SOCIOLGY

PAX 375 RESTORATIVE JUSTICE 3 Units
This course offers an overview of Restorative Justice including a consideration of definitions, cultural roots, theoretical orgins, key principles, models and practices, global conflicts and peaceful resolutions, controversial issues, and future directions. The course also provides a critical assessment of the potential of Restorative Justice as well as its limitations.
PREREQ: SOCIOLGY 276 OR CONSENT OF INSTRUCTOR CROSS-LISTED: PAX 375 AND SOCIOLGY 375

PAX 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

PAX 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable
An Intro to critical thinking, with an emphasis on its importance to the individual life & the pursuit of happiness, as well as society as a whole & the manner in which it is & ought to be structured around such relationships.

PHI 211 ELEMENTARY LOGIC 3 Units
An Intro to the principles & methods of logic, as a tool for distinguishing good reasoning from bad, as present in anything from Sci. & math to politics & personal relationships. This specific course focuses on symbolic, deductive logic (primarily propositional logic, with an Intro to predicate logic), but may also include some informal or inductive logic (e.g., fallacies).

PHI 215 THEORY OF KNOWLEDGE 3 Units
An examination of the nature & limits of knowledge & the methods used for obtaining it. Topics typically include the distinction between knowledge & belief, problems of evidence & truth, the role of perception & memory, social aspects of knowledge, realism, relativism, skepticism, correspondence & coherence theories of truth, & the role of various disciplines (e.g., Phil., Sci., religion) in attaining knowledge.

PHI 220 PHILOSOPHICAL IDEAS IN LITERATURE 3 Units
A study of philosophical & moral ideas as embodied in selected works of literary art: aesthetic analysis of their structure & content.

PHI 223 THE CONCEPT OF MENTAL ILLNESS 3 Units
Examination of various definitions of mental illness & exploration of the issues different definitions raise. Topics include but are not confined to: the history of ideas of madness; the concept of disease & mental health &/or normalcy; the medical model; legal definitions. Representation of how various mental conditions appear is part of the course.

PHI 237 TECHNOLOGY, VALUES AND SOCIETY 3 Units
An examination of the philosophical issues that emerge from the world of technology in which we live. Topics may include: freedom, censorship, privacy, equality, democratic participation, intellectual property, education, law enforcement, institutional change, work, & all the personal & public choices about technology & its use with which we are confronted today.

PHI 240 EXISTENTIALISM 3 Units
An Intro to existential Phil. through critical examination of philosophical problems found in the writings of selected existential philosophers from Kierkegaard to the present.

PHI 241 ETHICS 3 Units
An exploration of philosophical ethics, with attention paid to the philosophical methods of analysis & argumentation used to drive & evaluate moral theories & judgments. Topics may include the nature of moral truth (e.g., absolute truth, relativism, pluralism), prominent moral theories (e.g., virtue ethics, deontology, utilitarianism), important figures from the history of Phil. (e.g., Aristotle, Kant, J.S. Mill), & contemporary moral issues (e.g., abortion, capital punishment, euthanasia).

PHI 242 SOCIAL AND POLITICAL PHILOSOPHY 3 Units
An examination of differing philosophical views about human kind & its social & political life. Topics may include the question of political legitimacy, the function of the state, the possible rights & obligations of citizens vis-à-vis the state, general concepts of justice, liberty, equality, & community (as well as possible specific conceptions of these terms), & how social goods should be distributed.
PHI 243 BUSINESS ETHICS 3 Units
(BUS 242 & PHI 243 are the same course.) Critical discussion of ethical reasoning & moral values in business & industry; includes relevant case studies & readings

PHI 244 ENVIRONMENTAL ETHICS 3 Units
A philosophical examination of both traditional & recent concepts & values which structure human attitudes towards the natural Env. Theories may include anthropocentrism, biocentrism, ecocentrism, Leopold's land ethic, deep ecology, & ecofeminism. Topics may include the ethics of using & for large-scale agricultural purposes, factory farming, fishing, hunting, xenotransplantation, species depletion, ozone depletion, & climate change.

PHI 248 BIOMEDICAL ETHICS 3 Units
Study of ethical issues pertaining to medicine & related biological Sci.s. Issues covered usually include abortion, euthanasia, truth telling, confidentiality, experimentation on human subjects, behavior modification, genetic engineering, criteria of death, organ transplants, professional relationships, & professional duties.

PHI 250 BIOETHICS OF REPRODUCTIVE MEDICINE 3 Units
An intensive study of the ethical & public policy issues raised by advances in reproductive medicine. Topics include in vitro fertilization & other forms of assisted reproduction, reproductive & therapeutic cloning, embryonic stem cell research, genetic screening & genetic selection, neonatal care, contraceptive methods & pregnancy termination. Prereq: None

PHI 253 PHILOSOPHY OF THE ARTS 3 Units
An examination of production, appreciation, & criticism of art. Topics may include the nature of art, the nature of beauty, the function(s) of art (if any), the moral status of works of art, aesthetic evaluation, the antimony of taste, the paradoxes of fiction, tragedy, & horror, & public financing of art. Theories may include the imitation/representation theory, expressionism, formalism, aesthetic experience theory, & institutional theory.

PHI 258 HUMAN NATURE, RELIGION AND SOCIETY 3 Units
(PHI 258 & REL 258 are the same course.) Study & critique of the views of theistic & secular writers concerning religion & its relationship to individual & social problems

PHI 259 PHILOSOPHY AND RACISM 3 Units
Examination of the concept of race in the societies that use this notion to structure themselves - with concentration on its use in the U.S.. The following topics are part of the course: what racism is, particularly how racism is seen from the dominant st&point as opposed to how racism is seen from those who experience it; how the structure of racism has differed in regard to different ethnic groups; comparison of the experience of at least two different ethnic groups in the US in this regard; the place (or lack of place) of (im)morality in the creation of & in solutions to the problem.

PHI 261 PHILOSOPHY OF RELIGION 3 Units
(PHI 261 & REL 261 are the same course.) An exploration & critical examination of philosophically significant topics pertaining to religion & its claims of knowledge of reality, divine or otherwise. Topics may include attempts to define religion, monotheism & its alternatives, God's existence, evil, the nature of faith, the status of sacred texts, religious experience, religious diversity, faith & reason, Sci. & religion, miracles, & life after bodily death. Attention will be paid to relevant arguments, both contemporary & historical (e.g., Aquinas, Hume, Kierkegaard, James). Various philosophical methods including but not limited to conceptual analysis, skepticism, & existentialist criticism are employed to better understanding the rich & diverse cross-cultural phenomenon of religious experience.

PHI 262 PHILOSOPHY OF SPORT 3 Units
An Intro to philosophical issues concerning the playing of sports & games. Areas of emphasis may include: the nature of play, sports, games; ethical issues in sports (e.g., cheating, sportsmanship, exploitation of college athletes, intentional rule-breaking, & performance enhancing drugs & technologies); social aspects of sports & f&om; & the aesthetics of sports.

PHI 291 SELECTED TOPICS IN PHILOSOPHY Repeatable 1-3 Units
Each course offering must be approved by both the local campus & the chair of the department.

PHI 299 INDEPENDENT READING IN PHILOSOPHY Repeatable 1-3 Units
Program must be approved by chair of the department.
PREREQ: CONSENT OF INSTRUCTOR

PHI 310 THINKING CRITICALLY: CONTEMPORARY ISSUES AND APPLICATIONS 3 Units
This is an advanced study of critical thinking, evidence assessment, and philosophical analysis. The course explores common logical errors and reasoning pitfalls due to human perception, cognition, and memory. It provides strategies and standards of evidence analysis, facilitating an awareness of the differences between science and pseudoscience. Specific topics may include (although not exclusively): confirmation bias, memory fabrication, probability, astrology, miracle cures, parapsychology, near-death experiences, alien abductions, and ancient astronauts.
PREREQ: PHI 101 OR PHI 210 RECOMMENDED. JUNIOR STANDING OR CONSENT OF INSTRUCTOR.

PHI 385 POLITICS OF DEVELOPMENT 3 Units
Why are some countries rich and others poor? Major theories and history of economic development. The role of the state in diverse economies. Effects of the global trade system and international financial institutions on economic growth, democracy, quality of life, and the environment. Examines human rights, experiences of indigenous people, gender, and the role of militarism.
PREREQ: RECOMMENDED POL 175 OR POL 160 OR POL 104

Philosophy (PHILSPHY)

Courses

PHILSPHY 101 INTRODUCTION TO PHILOSOPHY 3 Units
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 121 TRUTH AND THE MEDIA 3 Units
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 245 CONTEMPORARY MORAL ISSUES 3 Units
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 246 BUSINESS ETHICS 3 Units
This course offers a critical examination and discussion of ethical issues and problems which arise within all areas of business. Topics include but are not limited to: workers’ rights, harassment and discrimination in the workplace, whistleblowing, and consumer ethics.

PHILSPHY 247 BIOETHICS 3 Units
This course introduces key ethical approaches such as Kantian ethics, utilitarianism, and feminist ethics and addresses their application to issues in health care. 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 3 Units
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 3 Units
In this course, students will develop skill in recognizing, constructing, and evaluating arguments, both deductive and inductive. Methods include identifying formal and informal fallacies, techniques for determining the validity of deductive arguments, and symbolizing English arguments.

PHILSPHY 261 INTRODUCTION TO ETHICS 3 Units
The first half of this course studies major ethical theories, offering students some frameworks for moral reasoning. The second half of the course applies those theories to a variety of current moral issues of immediate relevance to the students’ lives.

PHILSPHY 271 INTRODUCTION TO AESTHETICS 3 Units
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.

PHILSPHY 281 SOCIAL PHILOSOPHY 3 Units
A discussion of ideas that are basic to thinking about society, its purposes, and its structure. Such ideas as justice, equality, rights, obligations and freedom are examined.

PHILSPHY 310 KNOWLEDGE AND REALITY 3 Units
This course examines key philosophical positions and figures regarding knowledge (epistemology) and reality (metaphysics). We will ask questions such as: What do we know? How do we know? What is reality? Why is there a world? What is space? What is time? and What is social ontology?
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

PHILSPHY 320 PHILOSOPHY OF SCIENCE 3 Units
Science is an important human enterprise. This course is designed to provide a more philosophical understanding of science so that one can critically assess claims people make about evidence, confirmation, theory, model, simulation, causation, etc. It presupposes no previous knowledge of philosophy or any particular science, only a serious curiosity about them.

PHILSPHY 341 CLASSICAL PHILOSOPHY 3 Units
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 OR CONSENT OF INSTRUCTOR

PHILSPHY 342 MODERN PHILOSOPHY 3 Units
This course concentrates on the main movements in philosophy from Descartes through Kant. Principal works from the major philosophers will be read.

PHILSPHY 346 19TH CENTURY PHILOSOPHY 3 Units
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 Units
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 350 PHILOSOPHY OF MIND 3 Units
This course explores conceptual issues including: how mental activities correlate with brain activities, how the mind relates to action, how the mind’s attention can be gripped by the physical world, and how research in A.I. informs our understanding of the nature of the mind.
PREREQ: SOPHOMORE STANDING

PHILSPHY 351 SEXUAL ETHICS 3 Units
This course covers a range of moral issues surrounding sex and sexuality through the lens of contemporary analytic philosophy. Topics include but are not limited to: gender identity, gender equality, discrimination, sexual exploitation, consent, prostitution, and pornography. PHILSPHY 261: Introduction to Ethics is recommended but not required.

PHILSPHY 355 ETHICS OF GAMING 3 Units
The course uses central ethical theories to investigate gaming. We will focus on questions such as "What is a game?" "What is cheating?" "How is my identity and agency within a game related to my identity and agency outside of a gaming environment?" "What distinguishes esports from non-esports?" "How can we ethically treat professionals in the gaming industry?"
PREREQ: SOPHOMORE STANDING

PHILSPHY 364 EXISTENTIALISM 3 Units
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 Units
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 STANDING OR CONSENT OF INSTRUCTOR

PHILSPHY 390 FEMINIST PHILOSOPHY 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

PHILSPHY 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable

PHILSPHY 493 INTERNSHIP IN PHILOSOPHY Repeatable 1-12 Units
Study and work with a government unit or in some area of public affairs under the direction of a faculty supervisor. Students will have the opportunity to combine academic learning with practical experience in government and politics. Repeatable for a maximum of 12 credits in major/degree.

PHILSPHY 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable

PHILSPHY 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable

PHILSPHY 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

PHILSPHY 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable

Physical Education Field (PEFIELD)

Courses

PEFIELD 411 DIRECTED TEACHING PHYSICAL EDUCATION-
ELEMENTARY SCHOOL 1-12 Units
Directed Teaching - Physical Education - Elementary
PREREQ: PEPROF 492 AND SUCCESSFUL COMPLETION OF PEPROF 437 AND PEPROF 447

PEFIELD 414 DIRECTED TEACHING PHYSICAL EDUCATION-
SECONDARY 1-12 Units
Directed Teaching - Physical Education - Secondary
PREREQ: PEPROF 492 AND SUCCESSFUL COMPLETION OF PEPROF 437 AND PEPROF 447

Physical Education General (PEGNRL)

Courses

PEGNRL 100 CREDIT FOR VETERANS WITH SIX MONTHS ACTIVE
SERVICE 1 Units
CREDIT FOR VETERANS WITH SIX MONTHS ACTIVE SERVICE

PEGNRL 103 BEGINNING ARCHERY 0.5 Units
An activity course designed to teach the student the fundamental techniques of archery for use as a leisure-time activity.

PEGNRL 104 BEGINNING BADMINTON 0.5 Units
An activity course designed to teach the student the basic skills, knowledges, strategies, and understandings of badminton.

PEGNRL 108 BEGINNING BOWLING 0.5 Units
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 0.5 Units
A course designed to develop the bowler on the intermediate skill level through intermediate and advanced techniques.

PEGNRL 114 BEGINNING RACQUETBALL 0.5 Units
This activity course is designed to teach the fundamental skills of racquetball. Students will develop a basic understanding of the skills, rules, history, and strategies needed to play racquetball.

PEGNRL 117 INTRODUCTION TO MOUNTAIN BIKING 1 Units
This is a beginning level, weekend only, introduction into the sport of mountain biking. The majority of the class will meet at the Kettle Moraine State Park for instruction and activity. A course fee of $20.00 for State Park Permit. Additional course fee of $85.00 for mountain bike rental if needed.

PEGNRL 118 BASIC MILITARY RAPPELLING 1 Units
Students will learn and demonstrate basic rappel techniques and safety in the classroom while demonstrating the skills developed on a vertical wall rappel. Skills will include knot tying, Swiss rappel seat construction, belay procedures and Swiss rappelling.
CROSS-LISTED: PEGNRL 118 AND LDRSHP 118

PEGNRL 120 BEGINNING GOLF 0.5 Units
To learn the basic skills, rules, and etiquette of golf for use as a leisure-time activity.

PEGNRL 121 INTERMEDIATE GOLF 0.5 Units
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 1 Units
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 & amintenance, basic physiological benefits, cycle touring and route development. Trips will be on low traveled roads and bike paths. Bikes and helmets are available.

PEGNRL 141 BEGINNING YOGA 0.5 Units
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  0.5 Units
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 150  BEGINNING SWIMMING (ARC LEVELS III-IV)  0.5 Units
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.

PEGNRL 151  INTERMEDIATE SWIMMING (ARC LEVEL V-VI)  0.5 Units
An activity course designed to polish the students front crawl and back crawl, as well as develop proficiency in the breaststroke and sidestroke. The butterfly, approach stroke, turns, and surface dives are introduced. PREREQ: ARC LEVEL IV OR ITS EQUIVALENT

PEGNRL 158  BEGINNING SKIN AND SCUBA DIVING  1 Units
An activity course emphasizing basic skin and scuba diving knowledges, skills, safety precautions, and recreational benefits through 22 hours of classroom and practical work. Successful completion of the course qualifies students for check-out dives and final scuba diver certification. The course is taught under the auspices of the Professional Association of Diving Instructors (PADI).

PEGNRL 159  BEGINNING CANOEING  1 Units
An activity course designed to develop techniques and safety skills necessary for river and lake canoeing. Students will be responsible for the cost of transportation.

PEGNRL 160  BEGINNING TENNIS  0.5 Units
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  0.5 Units
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  0.5 Units
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  0.5 Units
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  0.5 Units
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  0.5 Units
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: BEGINNING TAE KWON DO OR CONSENT OF INSTRUCTOR

PEGNRL 178  ADVANCED TAE KWON DO  1 Units
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 175 AND PEGNRL 176

PEGNRL 179  MARTIAL ARTS SPARRING TECHNIQUES  Repeatable  0.5 Units
Course focuses on techniques, strategies, and skills to improve self-defense and martial arts competition. PREREQ: PEGNRL 175; COREQ: PEGNRL 176

PEGNRL 183  EXERCISEWALKING  0.5 Units
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  Repeatable  1 Units
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  0.5 Units
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  1 Units
An activity course which develops students understanding of the importance of a healthy lifestyle, while experiencing the choices available. Students will develop a basic understanding of creating and/or assessing healthy and safe exercise program(s) relative to their goals and needs.

PEGNRL 193  INTERCOLLEGIATE ATHLETIC PARTICIPATION  Repeatable  1 Units
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.)

PEGNRL 490  WORKSHOP  Repeatable  0.5-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

PEGNRL 497  EXCHANGE STUDY  Repeatable  0.5-12 Units
Variable topics.

PEGNRL 498  INDEPENDENT STUDY  Repeatable  0.5-3 Units
Variable topics. Individual activity in an area of special interest for a variable number of units under the sponsorship and guidance of a faculty member.
Physical Education Professional (PEPROF)

Courses

PEPROF 165 INTRODUCTION TO PHYSICAL EDUCATION 2 Units
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. Focus will be on the development of 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 166 INTRODUCTION TO PHYSICAL EDUCATION TEACHING PROFESSION 3 Units
This course introduces students to the physical education teaching profession who are in pursuit of a Physical Education EC-12 teaching license. The course presents the role physical education plays in the overall development and education of children. Students focus on learning national standards and guidelines related to the physical education profession.
PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 173 TEACHING TUMBLING AND GYMNASTICS 3 Units
A course designed to teach basic tumbling and gymnastic skills, as well as develop an understanding of mechanical principles required in movement concepts, exploration in and out of balance, skill combinations, creativity and safety. Students develop competence necessary to teach skill progressions, teaching techniques and mechanical skill analysis used in a K-12 physical education settings, including "hands on" teaching experiences.
PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 201 STRUCTURE AND FUNCTION OF THE HUMAN BODY I 4 Units
This course is designed to study the basic anatomy and function of bones, muscles and joints throughout the body. Through lectures and labs, emphasis will be placed on the interrelationships between the structure and function of the body and its application to human movement.
PREREQ: BIOLOGY 120 BIOLOGICAL FOUNDATIONS (GL)

PEPROF 202 STRUCTURE AND FUNCTION OF THE HUMAN BODY II 3 Units
This course is designed to explore the structure, function and ways homeostasis is maintained within the autonomic nervous, cardiovascular, respiratory, immune, digestive, endocrine, renal, and sensory systems. Metabolism and nutrition will also be discussed, and emphasis will be placed on the interrelationships between the structure and function of the body and its application to human movement.
PREREQ: BIOLOGY 120 BIOLOGICAL FOUNDATIONS (GL)

PEPROF 209 INVESTIGATING COMMUNITY PROFESSIONS IN PHYSICAL EDUCATION 1 Units
This course prepare students majoring in Physical Education, who are not pursuing a teaching license, for the required Field Study course. This course provides resources and instruction for designing a plan for professional development and field study placement. Students will visit potential field study sites, interview professionals and develop a resume. Satisfactory/No Credit grade basis only.

PEPROF 230 TEACHING OF AQUATICS 2 Units
Stroke introduction, refinement and proficiency as outlined in the American Red Cross program; Levels 1-6. Teaching technique and lesson planning emphasis for supporting K-12 school swim programs, including stroke progression, fitness activities, and basic water safety. Deep water level comfort is necessary.
PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS AND INTERMEDIATE SWIM LEVEL CARD (AMERICAN RED CROSS) OR PROFICIENCY (PASSED HPERC SWIM TEST) OR CONSENT OF INSTRUCTOR

PEPROF 240 STANDARDS-BASED CURRICULUM AND PLANNING 3 Units
This course prepares students to develop, design, and change programs to align with State and National physical education standards. It provides knowledge of curricular models and associated pedagogical practices in standards-based physical education programs. Curricular models are addressed and standards, benchmarks, grade level adaptations, and unit planning by model are covered with an emphasis on using a reflective approach.
PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 250 MOTOR DEVELOPMENT AND LEARNING 3 Units
This course introduces the theoretical foundations of motor development and motor learning and explores the practical application in the teaching of motor skills in school settings.
PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 260 ASSESSMENT IN PHYSICAL EDUCATION 3 Units
A study of principles and techniques used to evaluate pupil progress in PE through a survey of available testing instruments and the use of statistics. This course is designed to develop the assessment literacy skills of PETE majors. The ability to collect, analyze, evaluate and present data accurately will be developed. Meaningful ways that assessment links to accountability are presented.
PREREQ: PHYSICAL EDUCATION LICENSE EMPHASIS OR CONSENT OF INSTRUCTOR

PEPROF 270 MOTOR CONTROL AND PERFORMANCE 3 Units
This course combines the conceptual process of motor development with the application of theoretical models to human performance. Class lecture sessions explore how sensory information is processed to produce motor outputs, factors that influence motor accuracy, and factors that influence how motor skills are learned. Laboratory sessions apply these principles to structure effective practice routines that facilitate motor performance development.
PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 271 STRUCTURE AND FUNCTION OF THE HUMAN BODY 4 Units
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 Units
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 282 NUTRITION FOR HEALTH 3 Units
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

PEPROF 291 LIFEGUARDING 3 Units
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 302 BIOMECHANICS OF SPORT AND EXERCISE 3 Units
This course is designed to explore human movement through structural, functional and mechanical analysis. Through lectures and labs, emphasis will be placed on methods of analyzing human movement and the application of movement mechanics to exercise and sport performance.
PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 311 EXERCISE PSYCHOLOGY 3 Units
This course provides an introduction to selected topics in exercise psychology including exercise and personality traits, group dynamics, environmental correlates, and theoretical models of exercise. The course content is designed to provide students with an overview and understanding of theoretical foundations of exercise psychology, research associated with exercise psychology, and the implications of exercise psychology research on practitioners.
PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 315 PERSONAL TRAINER PROFESSIONAL PREPARATION 3 Units
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.
PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 327 MOTOR PROGRAMMING FOR EARLY CHILDHOOD 2 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

PEPROF 328 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER 2 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

PEPROF 345 TEACHING COOPERATIVE/ADVENTURE/OUTDOOR EDUCATION 3 Units
This course introduces models and activities of including cooperative, initiative games, adventure and outdoor education activities. Students will learn how to implement the games and activities with different ages and varying abilities in elementary and secondary physical education programs.

PEPROF 355 TEACHING INVASION GAMES 3 Units
This course introduces the theory, history, and teaching of Invasion games. Students will demonstrate concepts of moving an implement into the opposing team’s zone and successfully attacking the goal/target area, staying between the offensive player and the goal, attacking and defending a goal, and maintaining possession. Focus will be on offensive and defensive strategies for a variety of games.
PREREQ: PEPROF 165 OR PEPROF 166

PEPROF 361 PHYSICAL ACTIVITY AND RECREATION FOR SPECIAL POPULATIONS 3 Units
This course introduces concepts of therapeutic recreation practice, including the history of the profession, current trends, and an overview of various disabilities and disorders across the lifespan. Students will have opportunities to develop the skills and abilities necessary to work with persons with disabilities through field-based activities.
PREREQ: JUNIOR STANDING

PEPROF 365 TEACHING FITNESS IN PHYSICAL EDUCATION 3 Units
This course introduces the foundations and components of health-related, skills based, and performance based fitness, as well as appropriate curriculum and equipment for K-12 programming, effective teaching principles, and assessment of physical activity and fitness.
PREREQ: PEPROF 165 OR PEPROF 166

PEPROF 371 KINESIOLOGY 3 Units
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 391 HEALTH BEHAVIOR DEVELOPMENT & SOCIETY 3 Units
This course provides an introduction to the development, behavioral and social science factors that influence health and disease. Relationships between developmental experiences, behaviors, and societal outcomes are explored, and students become prepared to apply concepts to help support the well-being of individuals and communities.
PREREQ: JUNIOR STANDING

PEPROF 401 TEACHER PERFORMANCE ASSESSMENT 1 Units
Prepares students with the knowledge, understandings and skills to complete teacher performance measures during student teaching. Topics include edTPA handbook and task overviews, understanding rubric-based scoring, lesson plan and unit plan tips for success, academic language, technical skills for collecting and selecting video clips, how to answer commentary prompts, and how to start the teacher performance assessment quickly and effectively.
COREQ: PEFIELD 411 AND 414

PEPROF 407 TEACHING RHYTHMS AND DANCE 3 Units
This course teaches future physical educators how to have children explore movement through music, develop coordination and rhythm, channel energy, stimulate imagination, enhance balance, flexibility and skill. Students will analyze movements used in basic dance steps and dances, develop self-confidence, improve their technique and creative ability. Choreography, fitness, and teaching practices will be explored in educational dance.
PEPROF 410  STUDENT TEACHING SEMINAR-PHYSICAL EDUCATION  2 Units
This course discusses topics current for the physical education teaching profession, including Educator Effectiveness Model, Professional Development Programs, Student Learning Outcomes, State legislation, and monitors the preparation for edTPA submission and revisions.
COREQ: CONCURRENTLY ENROLLED IN DIRECTED TEACHING PEFIELD 411 AND/OR PEFIELD 414

PEPROF 415  HEALTH APPRAISAL AND EXERCISE TESTING  3 Units
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.
PREREQ: PEPROF 201 AND PEPROF 202

PEPROF 416  EXERCISE PRESCRIPTION AND LEADERSHIP  3 Units
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.
PREREQ: PEPROF 201, 202, AND 282, OR INSTRUCTOR'S PERMISSION.

PEPROF 417  TEACHING NET/WALL GAMES  3 Units
This course introduces theory and strategies of Net/Wall games. Focus is on the fundamentals of shot placement, covering space, understanding movement, serve and returning an object, rules, and sustaining a rally. Instruction will be focused on offensive strategies, defensive strategies, and skill progressions for a variety of Net/Wall games

PEPROF 427  TEACHING TARGET GAMES  3 Units
This course introduces the theory, strategies, history, and teaching of Target games. Students will understand that a player either throws, slides, shoots, or strikes an object with the goal of having that object land closest too or in a designated target. Instruction will be focused on offensive strategies and defensive strategies for a variety of Target games.

PEPROF 437  METHODS OF TEACHING PHYSICAL EDUCATION IN ELEMENTARY SCHOOLS  3 Units
This course prepares students to become highly effective physical educators through the practice of planning, implementing and evaluating the teaching-learning process at the elementary school level. The course includes selection and organization of materials and techniques of instruction. There is an emphasis on skill-based and movement education oriented physical education programs for children in 4K to 5th grade. 
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION. AND WITHIN TWO SEMESTERS OF STUDENT TEACHING COREQ: PEPROF 492 (2 CREDITS)

PEPROF 447  METHODS OF TEACHING PHYSICAL EDUCATION IN SECONDARY SCHOOLS  3 Units
This course introduces developmentally appropriate curriculum, methodologies, and assessment for middle through high school physical education programs. Emphasis is placed on planning and teaching for learning and assessment.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION. AND WITHIN TWO SEMESTERS OF STUDENT TEACHING COREQ: PEPROF 492 (1 CREDITS)

PEPROF 466  LITERACY IN PHYSICAL EDUCATION  3 Units
Literacy in Physical Education prepares teacher candidates to integrate reading, writing, speaking and listening skills into physical activities. This course provides information and activities that can be used to meaningfully integrate literacy across the K-12 curriculum. Methods of using assessment to enhance literacy and as part of a teacher's reflective cycle are covered.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION

PEPROF 471  PHYSIOLOGY OF EXERCISE  3 Units
A comprehensive study of physiological changes which occur during exercise and 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, and environmental aspects of exercise and the effect of conditioning on the body.
PREREQ: PEPROF 201, 202, 270, AND MATH 230 OR INSTRUCTOR'S PERMISSION

PEPROF 472  ADVANCED PHYSIOLOGY OF EXERCISE  3 Units
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  ADAPTED PHYSICAL EDUCATION FOR LICENSURE STUDENTS  3 Units
This course focuses on adapted physical education teaching strategies and service delivery models in PK-12 settings. The etiology and effects of select physical, sensory, intellectual and other developmental disabilities will be addressed. Content emphasizes movement implications and strategies to enhance physical activity behavior and pedagogical methods for integrating students in a variety of age appropriate physical activities.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION AND WITHIN THREE SEMESTERS OF STUDENT TEACHING

PEPROF 477  ACTIVITIES OF INCLUSION FROM A-Z IN PHYSICAL EDUCATION  3 Units
This course will focus on physical, social/emotional, fitness, recreational, lifetime and cognitive activities ranging from A-Z that may be used in a gymnasium, recreational environment, outdoors, classroom, or any other environment where children may gather for learning and interaction. This course will include activities that are hands-on, innovative, and interactive to promote inclusion in physical education.
PREREQ: ADAPTED PHYSICAL EDUCATION FOR LICENSURE STUDENTS OR PERMISSION OF INSTRUCTOR

PEPROF 481  CAPSTONE: RESEARCH IN THE PERFORMANCE SCIENCES  3 Units
This is the capstone course for the Human Performance major. Students will complete a research project based on a topic from one of the core courses they wish to examine in greater depth. The course will blend research methods content with practical application by bringing students through the research proposal preparation process and mentoring students through the project implementation process.
PREREQ: SENIOR STANDING AND PREFERABLE TO HAVE ALL OTHER HHPR REQUIREMENTS COMPLETED.
PEPROF 490 WORKSHOP IN PHYSICAL EDUCATION Repeatable 0.5-6 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable for a maximum of 9 credits in major/degree.

PEPROF 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

PEPROF 492 FIELD STUDY Repeatable 1-12 Units
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.
PREREQ: JUNIOR/SENIOR STATUS

PEPROF 493 HEALTH, HUMAN PERFORMANCE & RECREATION INTERNSHIP Repeatable 6-12 Units
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 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

PEPROF 496 SPECIAL STUDIES Repeatable 0.5-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: JUNIOR/SENIOR STATUS

PEPROF 497 EXCHANGE STUDY Repeatable 0.5-12 Units
Variable Topics

PEPROF 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 3 credits in major/degree.
PREREQ: PHY ED MAJORS OR MINORS AND 2.75 GPA OR DEPARTMENT CONSENT

Physics (PHY) - Rock County

Courses

PHY 107 FOUNDATIONS OF PHYSICS 3 Units
An introductory course for non-Sci. majors, with particular emphasis on the development of modern theoretical concepts. Central topics: classical mechanics, electromagnetism, quantum theory, relativity theory, and some discussion of historical & philosophical aspects. May be offered without Lab work for three credits or with Lab for four credits. Check the local timetable for credits listed. Not open to those who have had one or more courses in college physics; does not apply toward engineering or physics majors, or toward the physics requirements for pre-professional courses. not open to those who have had PHY 141, PHY 201 or equivalent.
PREREQ: HIGH SCHOOL ALGEBRA AND GEOMETRY OR CONSENT OF INSTRUCTOR ANTIREQ: NOT OPEN TO THOSE WHO HAVE HAD PHY 141, PHY 201 OR EQUIVALENT

PHY 110 PHYSICS FOR HEALTH SCIENCES 3 Units
A descriptive intro to those basic concepts of physics which have application to human health in general & to the medical & paramedical professions in particular. Primary attention will be paid to the physics of various functions of the human body (e.g., muscular & skeletal motions, the several senses & neural processes) & to the physics of commonly used instruments & equipment.
PREREQ: HIGH SCHOOL ALGEBRA AND GEOMETRY OR CONSENT OF INSTRUCTOR

PHY 115 ENERGY AND THE ENVIRONMENT 3 Units
Intended for non-Sci. majors, this course will give students the necessary physics background to form opinions on energy questions. The physical laws of thermodynamics, electricity, magnetism, & nuclear physics will be discussed in connection with energy related topics such as thermal pollution, fossil fuels, nuclear power, solar power & other alternative energy sources. Some elementary calculations (at the level of high school algebra) are included in the material, but the emphasis will be on a conceptual understanding of the energy-related issues affecting society today.

PHY 120 PHYSICAL SCIENCE 3 Units
Selected topics from physics, geology, & astronomy. Not intended for those planning to major in a physical Sci.; does not fulfill the prerequisites for any more advanced courses. May be offered without a Lab for three credits or with a Lab for four credits. Not open to those who have had PHY 141, PHY 201, or equivalent.

PHY 141 COLLEGE PHYSICS I 4 Units
The study of mechanics, heat, wave motion & sound. Recommended for students majoring in business, elementary education, medical technology, pharmacy, pre-dentistry & pre-medical studies. Three hours of lecture & three-four hours of Lab-discussion per week or equivalent. Students may not receive credit for both PHY 141 & 201.
PREREQ: MAT 105 OR CONSENT OF INSTRUCTOR ANTIREQ: PHY 201

PHY 142 COLLEGE PHYSICS II 4 Units
A continuation of Physics 141. Electricity, magnetism, light, & some modern physics. Three hours of lecture & three-four hours of Lab-discussion per week or equivalent. Students may not receive credit for both PHY 142 & 202.
PREREQ: A GRADE OF C OR BETTER IN PHY 141 OR CONSENT OF INSTRUCTOR ANTIREQ: PHY 202
PHY 201 UNIVERSITY PHYSICS I 5 Units
The study of mechanics, heat, wave motion, & sound. Recommended for physical Sci. & engineering majors. Three hours of lecture, one hour of discussion, & three hours of Lab per week or equivalent. Students may not receive credit for both PHY 141 & 201.
PREREQ: MAT 221 OR CONCURRENT ENROLLMENT WITH CONSENT OF INSTRUCTOR ANTIREQ: PHY 141

PHY 202 UNIVERSITY PHYSICS II 5 Units
A continuation of Physics 201. Electricity, magnetism, light, & some modern physics. Students may not receive credit for both PHY 142 & 202.
PREREQ: A GRADE OF C OR BETTER IN PHY 201 OR CONSENT OF INSTRUCTOR ANTIREQ: PHY 142

PHY 205 MODERN PHYSICS 3 Units
Intro to atomic, nuclear, & solid state physics; kinetic theory, special relativity, & quantum theory.
PREREQ: A GRADE OF C OR BETTER IN PHY 201 OR CONSENT OF INSTRUCTOR

PHY 291 TOPICS IN PHYSICS Repeatable 1-5 Units
An extended coverage of one or more topics in physics such as Env.al physics, energy, biophysics, mechanics, electricity & magnetism, electromagnetic radiation, statistical physics, solid state physics, relativity, quantum mechanics, & atomic & nuclear physics.
PREREQ: CONSENT OF INSTRUCTOR

PHY 299 INDEPENDENT STUDY 1-3 Units
Indp. study under the supervision of an instructor. The work may, for example, consist of advanced Lab investigation into a particular topic or library research & writing of a paper on some subject of interest.

Physics (PHYSICS)

Courses

PHYSICS 100 ENERGY 3 Units
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.

PHYSICS 120 LIGHT AND COLOR 4 Units
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.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

PHYSICS 130 PHYSICS FOUNDATIONS 5 Units
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.
COREQ: MATH 139 OR MATH 141 OR CONSENT OF INSTRUCTOR UNREQ: PHYSICS 212

PHYSICS 140 PRINCIPLES OF PHYSICS I 5 Units
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.
COREQ: MATH 152
UNREQ: PHYSICS 160 AND PHYSICS 170

PHYSICS 141 PRINCIPLES OF PHYSICS II 5 Units
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.
PREREQ: PHYSICS 140

PHYSICS 150 FROM EINSTEIN TO STAR TREK 3 Units
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.
COREQ: MATH 139 OR MATH 140 OR MATH 142 OR WAIVER

PHYSICS 180 PHYSICS FOR SCIENTISTS AND ENGINEERS I 5 Units
A lecture/lab 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 two-hour lab per week. Previous study of calculus recommended.
COREQ: MATH 253

PHYSICS 181 PHYSICS FOR SCIENTISTS AND ENGINEERS II 5 Units
A lecture/lab 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 two-hour lab per week.
PREREQ: PHYSICS 180 OR CONSENT OF INSTRUCTOR

PHYSICS 190 FRONTIERS OF ENGINEERING AND PHYSICS Repeatable 1 Unit
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 4 Units
An activity-based, hands-on learning course that focuses on conceptual understanding of physics phenomena. The course emphasizes a student-oriented pedagogy. Topics include motion, forces, energy, light, heat, electricity, and magnetism as well as the nature of science. Elementary education students will find this course particularly helpful as it explores ideas related to how children and students learn physics.
PREREQ: MATH 141 OR MATH 139 AND RESTRICTED TO STUDENTS WITH BSE PROGRAM OR INSTRUCTOR CONSENT UNREQ: PHYSICS 130

PHYSICS 221 INTERMEDIATE LABORATORY 2 Units
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.
PREREQ: (PHYSICS 181 OR PHYSICS 141) AND MATH 254
PHYSICS 240  PHYSICS OF SOUND AND MUSIC  3 Units
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.
COREQ: MATH 139 OR MATH 140 OR MATH 141

PHYSICS 290  PHYSICS RECITATIONS I  1 Units
Topics include, limits, increments and infinitesimals and their applications to problems in physics, differentiation and integrals 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 Units
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 305  MECHANICS - STATICS  3 Units
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.
PREREQ: PHYSICS 181 OR PHYSICS 141 AND MATH 254

PHYSICS 310  MECHANICS - DYNAMICS  3 Units
A study of classical mechanics. Topics will include Newtonian mechanics, Lagrangean and Hamiltonian formalisms, symmetry principles, conservation laws, oscillations, central force and two-body problems, collisions and scattering cross-sections, motion in non-inertial reference frames, and rigid body motion. Required of all majors and minors in physics. Three one-hour lectures per week.
PREREQ: PHYSICS 324 WITH A GRADE OF C OR BETTER

PHYSICS 316  INTRODUCTION TO MATERIALS SCIENCE  3 Units
An introduction to materials science with emphasis on general properties of materials. Topics will include bonding, crystal structure, defects in materials, failure, phase diagrams, and mechanical, electrical, optical, thermal and magnetic properties of metals, ceramics, electronic materials, composites and organic materials.
PREREQ: (PHYSICS 181 OR PHYSICS 141) AND CHEM 102 OR CONSENT OF INSTRUCTOR

PHYSICS 321  INTRODUCTION TO NANOTECHNOLOGY  3 Units
Since nanotechnology is an interdisciplinary field, students taking this course will develop a cross-disciplinary communication. They will learn the basics of physical phenomena at nanoscales. Through the in-class experimental activities, students will gain hands-on experience and will develop a better understanding of most common tools used in nanotechnology.
PREREQ: PHYSICS 130 OR PHYSICS 141 OR PHYSICS 181 OR CONSENT OF INSTRUCTOR

PHYSICS 324  METHODS OF THEORETICAL PHYSICS  4 Units
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.
PREREQ: (PHYSICS 181 OR PHYSICS 141) AND MATH 254

PHYSICS 325  CLASSICAL ELECTROMAGNETISM  3 Units
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  4 Units
An introductory lab-based 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.
PREREQ: PHYSICS 221

PHYSICS 344  MODERN PHYSICS  4 Units
Topics covered include relativity, selected topics of 20th century physics, atomic and molecular structure, elementary quantum physics and its applications in modern technology, elementary nuclear physics and fundamental particles. Laboratory experiments complement material presented in lectures.
PREREQ: (PHYSICS 181 OR PHYSICS 141) AND MATH 254

PHYSICS 360  OPTICS  4 Units
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

PHYSICS 364  THERMAL PHYSICS  3 Units
A study of the Laws of Thermodynamics and Statistical Mechanics. Thermodynamic topics include potentials, equilibrium, phase transitions and critical phenomena with applications to gasses, liquids and solids. Statistical Mechanics topics include Maxwell-Boltzmann, Fermi-Dirac and Bose-Einstein Statistics.
PREREQ: PHYSICS 324 WITH A C OR BETTER AND EITHER PHYSICS 344 OR PHYSICS 425

PHYSICS 389  JUNIOR SEMINAR  1 Units
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. Students will also learn about career, internship, and graduate school opportunities and prepare materials for future applications.
PREREQ: JUNIOR STANDING AS A PHYSICS MAJOR OR PERMISSION OF INSTRUCTOR

PHYSICS 424  VIBRATIONS AND WAVES  3 Units
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 Units
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
Political Science (POL) - Rock County

Courses

POL 101 INTRODUCTION TO POLITICS 3 Units
What is the ideal form of government & society? A Surv. & analysis of ideas related to citizenship in the community, nation & world, with emphasis on competing political values/ideologies & civic engagement.

POL 104 AMERICAN GOVERNMENT AND POLITICS 3 Units
Analysis of the decision-making structure & processes of American national government, including the role of parties & interest groups, & the value preferences within American society which affect the formation of public policy.

POL 105 STATE AND LOCAL SUPPLEMENT TO POL 104 1 Units
A one-credit study of state & local government.

POL 120 POLITICS OF CRIME AND PUNISHMENT 3 Units
Focuses on the competing goals of public policy in criminal justice, from public order, due process, efficiency, rights & liberties. Analyzes the interplay of key actors including police, courts & prisons in policy-making & implementation. Includes the role of media & myth.

POL 160 COMPARATIVE POLITICS 3 Units
Studies a select set of important states with different political, economic, & cultural characteristics. Compares economic, social & political issues & policy choices, in addition to governance. Recommended for Business, Journalism, Education, & Political Sci. majors.

POL 175 INTERNATIONAL POLITICS 3 Units
Global problems, issues & debates since the end of the Cold War, including terrorism, cultural & religious conflict & changing power relations. Impact of social, economic & technological change & evolution of the state system. Cooperative problem-solving & peace-making.

POL 193 CAMPAIGNS AND ELECTIONS: VOTERS, CANDIDATES AND STRATEGIES 3 Units
This course provides an examination of political campaigns & strategies, & the nomination & electoral systems. Topics covered in class include the role of interest groups, PAC's & professional support organizations, campaign finance, & the role of the media.

POL 201 INTRODUCTION TO POLITICAL THEORY 3 Units
What is the ideal in politics & government? A Surv. & analysis of ideas relating to political systems & values.

POL 210 CIVIL LIBERTIES 3 Units
This course is an examination of civil liberties & their philosophical underpinnings. Through the reading of U.S. Supreme Court cases & other texts, students will study topics including the constitutional basis of civil liberties, the freedoms of conSci. & expression, the rights of persons accused of crime, privacy, & property rights.

POL 215 MEDIA AND POLITICS 3 Units
An examination of the impact mass media has had on democratic politics in the U.S., including the role media plays in influencing political behavior & attitudes. Topics covered in the class include media bias, media power, use of media by government & interest groups, the role of media in campaigns & elections, & the influence of media on policy makers.

POL 218 RELIGION AND POLITICS 3 Units
(POL 218 & REL 218 are the same course.) An examination of the relationship between religion & politics within the U.S. & beyond. Topics include religion & the political history of the U.S., civil liberties & religion (establishment & free exercise), the role religion plays in the political process, from the perspective of both cooperation & conflict.

POL 219 PUBLIC POLICY: POWER, CONFLICT, CHOICE 3 Units
An exploration of the public policy-making process in the U.S. with attention to select contemporary issues in American policy debates (Env., energy, health, economic Mgmt., etc.). Course content includes the study of how citizens (voters, groups & elected officials) participate in developing & implementing policy in local, state & national government.
POL 225 STATE AND LOCAL GOVERNMENT 3 Units
Organization, structure & functions of state & local governments in general, while using Wisconsin as a prime example.

POL 231 SEX, POWER AND PUBLIC POLICY 3 Units
(POL 231 & GSW 231 are the same course.) Examination of controversial issues of gender that affect equality & power. Includes women’s movement & the search for equality, justice & freedom. Examines political & judicial policies that exemplify success & failure.

POL 235 POLITICS OF RACE AND ETHNICITY IN AMERICA 3 Units
Examination of the struggle between & among ethnic, racial & language groups in American politics.

POL 250 GOVERNMENT AND BUSINESS 3 Units
A Surv. of government activities, regulations & policies affecting business & the economic system, such as anti-trust, safety & health regulations, subsidies, transfer payments, public works & government corporations.

POL 280 TERRORISM 3 Units
Terrorism, both current & historic, will be analyzed in its development, logic & impact. Includes controversies over security & liberty, intelligence & forewarning, & deals with political, philosophic & religious aspects. A major feature is analysis of alternative responses to terrorism, & local coping strategies (disaster Mgmt.).

POL 285 POLITICS OF WORLD INEQUALITY AND DEVELOPMENT 3 Units
Why are some countries rich & others poor? Major theories & history of economic development. The role of the state in diverse economies. Effect of the global trade system, democracy, quality of life, & the Env. Examines human rights, experiences of indigenous people, gender, & the role of militarism.

POL 294 INTERNSHIP IN POLITICAL SCIENCE Repeatable 1-3 Units
An individually arranged internship or service-learning Proj. that partners students with elected officials, political parties, governmental & non-governmental agencies, & other political institutions for students to gain practical experience related to politics, government, & political Sci. education. The internship is intended for advanced students with prior Political Sci. coursework. Students will work under the supervision of a faculty member & receive credit based on hours employed & completion of a final report summarizing how their experiences reflect classroom learning & how they will apply their experience in future work. Repeatable for a maximum of six credits.

POL 298 SPECIAL TOPICS Repeatable 1-3 Units
A course for topics which would be appropriate for freshmen & sophomores. Topic & number of credits will be announced in the timetable.

POL 299 INDEPENDENT READING Repeatable 1-3 Units
Surv. of Lit. in a particular subject, possibly concluding with a research Proj. supervised by the instructor. Subject & specific requirements determined by instructor/student agreement.

POL 308 AMERICAN PRESIDENCY 3 Units
The President as chief administrative leader, political leader, foreign policy initiator, comm&er-in-chief & head of state.

POL 385 POLITICS OF WORLD INEQUALITY AND DEVELOPMENT 3 Units
Why are some countries rich & others poor? Major theories and history of economic development. The role of the state in diverse economies. Effects of the global trade system and international financial institutions on economic growth, democracy, quality of life, and the environment. Examines human rights, experiences of indigenous people, gender, and the role of militarism. Recommended POL 175 (International Politics) or POL 160 (Comparative Politics) or POL 104 (American Government and Politics).

POL 430 GLOBAL ENVIRONMENTAL POLITICS 3 Units
Global environmental problems (GEP), from ozone depletion to population policy to biodiversity and climate change, have become pressing political concerns in a globalizing economy. This course examines the different sorts of politics, actors, processes, tools, and specific issues that have emerged in the arena of global environmental politics examining the various actors and issues who affect and are affected by international environmental politics.

Political Science (POLISCI)

Courses

POLISCI 101 INTRODUCTION TO POLITICAL SCIENCE 1 Units
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 3 Units
An introductory course covering the history, structure and functioning of American national government and its relation to state and local government.

POLISCI 200 INTRODUCTION TO PEACE AND SOCIAL JUSTICE 3 Units
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.

POLISCI 217 AMERICAN MINORITY POLITICS 3 Units
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.

POLISCI 220 INTRODUCTION TO PUBLIC ADMINISTRATION 3 Units
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.
POLISCI 240 LAW AND SOCIETY 3 Units
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 CRISSES IN AMERICAN POLITICS Repeatable 3 Units
An examination of selected major issues and crises confronting the American political system today. Attention will also be given to the response to these issues and crises as reflected in recent policies and proposals of the national government. Repeatable one time (different topic) for a maximum of 6 credits in major/degree, but not repeatable for general studies credit.

POLISCI 250 INTRODUCTION TO POLITICAL THEORY 3 Units
An introduction to Western political thought, the role of ideology in politics, and perennial questions in political philosophy.

POLISCI 255 INTRODUCTION TO COMPARATIVE POLITICS 3 Units
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 3 Units
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.
CROSS-LISTED: POLISCI 261 AND AFRIAMR 261

POLISCI 265 POLITICS OF TERRORISM AND COUNTERTERRORISM 3 Units
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 3 Units
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. 3 Units
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.
CROSS-LISTED: POLISCI 280 AND RACEETH 280

POLISCI 291 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.
POLISCI 330  PUBLIC POLICY ANALYSIS AND ADVOCACY  3 Units
A systematic introduction to the study of public policy through an analytical problem-solving approach and the use of that evidence-based approach to advocate for policy change. The course will also examine and explore public problems and policy issues.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 331  U.S. DISABILITY POLITICS AND POLICY  3 Units
This course will examine disability politics and policy in the United States with a special emphasis on the Americans with Disabilities Act of 1990 (ADA). It will explore the formulation and adoption of disability policy with particular attention paid to the subsequent legal challenges that have interpreted disability law and expanded rights over time.
PREREQ: 3 UNITS OF POLITICAL SCIENCE OR SPECED 201

POLISCI 340  POLITICS OF DEVELOPMENT  3 Units
This course focuses on the comparative analysis and contending interpretations of development in the developing countries. The analysis also includes the influence of the international economic system as exercised through direct foreign investment and commercial lending institutions.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 341  PARADOXES AND PROMISES: CRITICAL ISSUES IN URBAN EDUCATION  3 Units
This course introduces students to critical issues and policies that influence urban schools, and by extension American society. It provides a deeper understanding of paradoxes and promises we collectively face in making American schools truly equitable institutions, particularly for marginalized communities of color. Trips to regional cities are an enhanced feature of the course and are covered by course fees.
CROSS-LISTED: EDFOUND 341 AND POLISCI 341

POLISCI 342  SCIENCE POLICY AND HUMAN HEALTH  3 Units
This course will explore the intersections between science, public policy, and human health. A number of controversial scientific issues that have the potential to affect human health will be reviewed, which may include climate change, medical marijuana, genetic engineering and childhood vaccination.
PREREQ: SOPHOMORE STANDING

POLISCI 343  US ENVIRONMENTAL POLITICS AND POLICY  3 Units
This course will explore opportunities and constraints in the development of environmental policy in the United States.
PREREQ: SOPHOMORE STANDING

POLISCI 344  STATE AND LOCAL GOVERNMENT  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 345  FEDERALISM  3 Units
This course offers a critical and comparative exploration of orgins, operation, and significance of federalism in a variety of countries.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 348  INTERNATIONAL ORGANIZATIONS  3 Units
The course will explore theoretical perspectives as well as the expanding roles of international organizations in the context of global politics. It will 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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 348 AND INTRNAR 348

POLISCI 350  INTERNATIONAL LAW  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 351  INTERNATIONAL RELATIONS  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 352  COMPARATIVE GOVERNMENT - EUROPE  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 356  POLITICAL SOCIOLOGY  3 Units
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: 3 CREDITS IN SOCIOLOGY OR POLITICAL SCIENCE
CROSS-LISTED: POLISCI 356 AND SOCIOLOGY 356

POLISCI 357  PUBLIC OPINION AND POLITICAL BEHAVIOR  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 365  BLACK POLITICAL AND SOCIAL THOUGHT  3 Units
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 both in the Diaspora African Community as well as those in Africa.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 410  ANCIENT AND MEDIEVAL POLITICAL THOUGHT: GREEK, ROMAN, CHRISTIAN  3 Units
This course will examine the political thought of the ancient and medieval worlds, focusing on the Greek, Roman and early Christian periods. Through study of texts by Aristotle, Cicero, Augustine, and others, this course will highlight how these texts both reflect their own times, and inform political thinking today.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 411  MODERN POLITICAL THOUGHT  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 412  CONTEMPORARY POLITICAL THOUGHT  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
POLISCI 413 CONSTITUTIONAL LAW 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 414 THE CONSTITUTION AND CIVIL LIBERTIES 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 415 CRIMINAL JUSTICE AND THE CONSTITUTION 3 Units
This course examines the role of the major participants in the criminal justice system—defendants, police, prosecutors, courts, and corrections—and the development of constitutional law regulating their behavior.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 416 THE CONSTITUTION AND CIVIL RIGHTS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 418 LEGAL RESEARCH AND WRITING 3 Units
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 resources 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: POLISCI 413 OR POLISCI 414 OR POLISCI 415 OR POLISCI 416

POLISCI 419 THE JUDICIAL PROCESS 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 420 AMERICAN POLITICAL THOUGHT 3 Units
A study of the fundamental political ideas of America and the political philosophers who espoused them from colonial times to the present.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 421 PUBLIC PERSONNEL ADMINISTRATION 3 Units
A critical study of problems of public personnel, with particular emphasis on the process of recruiting and managing people in the public services.
PREREQ: 3 UNITS OF POLITICAL SCIENCE
UNREQ: MANGEMNT 320 AND POLISCI 421

POLISCI 422 RELIGION AND AMERICAN POLITICS 3 Units
This course provides an overview of how religion influences American politics, and how the U.S. political process shapes the practice of religion in America. Students will learn about American religious history, religious pluralism, religious political behavior, religious interest groups and social movements, and religion and the U.S. constitution.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 430 FORMATION OF PUBLIC POLICY 3 Units
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.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 440 THE POLITICS OF GOVERNMENT BUDGETING 3 Units
An introduction 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 and on the political system, and evaluating the problems and solutions for allocating tax burden equitably among different groups in society.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 446 POLITICS OF THE METROPOLIS 3 Units
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: 3 UNITS OF POLITICAL SCIENCE

POLISCI 456 GOVERNMENT AND POLITICS OF LATIN AMERICA 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 457 AMERICAN FOREIGN POLICY 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 460 GOVERNMENT AND POLITICS OF ASIA 3 Units
A comparative study of the political structures, institutions, and processes of the nations of Asia.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 460 AND ASIANSTD 460

POLISCI 461 GOVERNMENT AND POLITICS OF AFRICA 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: AFRIAMR 461 AND POLISCI 461

POLISCI 462 SOCIAL WELFARE POLICY 3 Units
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: POLISCI 141 AND (SOCWORK 371 OR 3 ADDITIONAL UNITS POLISCI) OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 462 AND SOCWORK 462

POLISCI 463 PEACE STUDIES: CONFLICT RESOLUTION AND CRISIS MANAGEMENT 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
POLISCI 464  GLOBAL GENDER POLITICS  3 Units
This course takes seriously the explanatory power and importance of gender in the study of global politics. It explores the roles of women and men, femininities and masculinities in the shaping, defining, and legitimating of world affairs. Using a critical, interdisciplinary perspective, this course considers how gender helps us better understand security, the global political economy, and global governance.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 464 AND WOMENST 464

POLISCI 471  GOVERNMENT AND POLITICS IN THE MIDDLE EAST  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

POLISCI 472  GOVERNMENT AND POLITICS OF CHINA  3 Units
This course exposes students to the breadth of Chinese government and politics. It briefly overviews the traditional Chinese system, its breakdown, and the rise of communism. It also overviews a more detailed treatment of the characteristics and major events of the communist era.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 472 AND ASIANSTD 472

POLISCI 480  GOVERNMENT AND POLITICS OF JAPAN  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 480 AND ASIANSTD 480

POLISCI 489  SEMINAR IN PUBLIC ADMINISTRATION  3 Units
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 220 OR CONSENT OF INSTRUCTOR

POLISCI 490  WORKSHOP Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: 3 UNITS OF POLITICAL SCIENCE

POLISCI 491  TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

POLISCI 493  INTERNSHIP IN POLITICAL SCIENCE Repeatable 1-12 Units
Study and work with a government unit or in some area of public affairs under the direction of a faculty supervisor. Students will have the opportunity to combine academic learning with practical experience in government and politics. Repeatable for a maximum of 12 credits in major/degree.
PREREQ: 3 UNITS OF POLITICAL SCIENCE

POLISCI 496  SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: 3 UNITS OF POLITICAL SCIENCE

POLISCI 497  EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. See Schedule of Classes.

POLISCI 498  INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 4 credits in major/degree.
Department Consent required.

POLISCI 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 4 credits in major/degree.
Department Consent required.

POLISCI 499  SENIOR HONORS THESIS  3 Units
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: 3.25 GPA AND 21 CREDITS IN POLITICAL SCIENCE

Psychology (PSY) - Rock County

Courses

PSY 201  INTRODUCTORY PSYCHOLOGY  4 Units
Surv. of major content areas in Psychology. Topics include research methodology, learning, memory, cognition, biological psychology, sensation, perception, motivation, emotion, development, personality, psychopathology, & social psychology. Students may not receive credit for both PSY 201 & PSY 202.

PSY 202  INTRODUCTORY PSYCHOLOGY  3 Units
(See PSY 201 course description.) Students may not receive credit for both PSY 201 & PSY 202.

PSY 203  INDIVIDUALS AND INSTITUTIONS: CONCEPTS/EXPERIENCE  3 Units
Lecture/discussion presentation of concepts of human behavior will be related to concurrent experiences in community agencies such as schools, social service departments, & hospitals. Agency placements involve a minimum commitment of four hours per week & will provide some direct contact between the students & agency clients. Two hours of lecture & discussion will be required, with opportunity for additional individual discussion.
PREREQ: PSY 201 OR PSY 202 OR CONCURRENT REGISTRATION AND CONSENT OF INSTRUCTOR

PSY 208  PSYCHOLOGY OF GENDER  3 Units
(PSY 208 & GSW 208 are the same course.) The process & consequences of gender development; review of current gender research & theory in the context of cultural, psychological, biological, historical, & cross-cultural perspectives. The course focuses on female & male experience as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression, & sexuality.
PSY 210  STATISTICAL METHODS IN PSYCHOLOGY  3 Units
An Intro to descriptive & inferential Stat.. Topics include measures of central tendency, measures of variability, correlation & regression, sampling distributions, & hypothesis testing procedures including t-tests, & analysis of variance.
PREREQ: PSY 201 OR PSY 202 OR CONCURRENT REGISTRATION AND CONSENT OF INSTRUCTOR

PSY 224  CONCEPTUAL INTRODUCTION TO STATISTICS  1 Units
This course is a supplement to PSY 225 for students who have had no previous course in Stat.. It is not a substitute for PSY 210 & does not satisfy requirements for an Introductory course in Stat.
PREREQ: PSY 201 OR PSY 202 (WITH A GRADE OF C- OR BETTER OR CONSENT OF INSTRUCTOR) COREQ: PSY 225

PSY 225  EXPERIMENTAL PSYCHOLOGY  5 Units
Emphasis on research techniques, design, & methodologies including the collection, analysis, & reporting of psychological data. Lecture & Lab.

PSY 250  LIFE SPAN DEVELOPMENTAL PSYCHOLOGY  3 Units
A Surv. of human development theories & research. Topics include the biological, cognitive, emotional, & social development of the individual from the prenatal period through old age & the process of death & dying. Students taking PSY 250 may not also receive credit for PSY 360 or PSY 362.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER OR CONSENT OF INSTRUCTOR

PSY 254  BEHAVIORAL NEUROSCIENCE  3 Units
Discussion of the biological substrates of attention, emotion, motivation, learning, cognition, language & psychopathology; includes an examination of research using lesions, stimulation & neuroimaging.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER OR CONSENT OF INSTRUCTOR

PSY 270  THE PSYCHOLOGY OF DISCRIMINATION  3 Units
The use of psychological concepts, principles, & research to enhance underst&ing of intergroup relations (e.g., race relations) in America. The experience of traditionally marginalized & privileged groups will be examined. Inter-racial & inter-ethnic relations will be used as a springboard to also examine relations from across different genders, physical abilities, religions, & sexual orientations. Topics may include identity formation, prejudice, discrimination, socialization, privilege, & strategies to reduce conflict across difference.

PSY 294  INTERNSHIP IN PSYCHOLOGY  1-3 Units
An internship is designed to give students the opportunity to apply the knowledge & skills they have learned in Psychology courses to a professional or community-based institution. The internship will involve a psychology-related placement at an off-campus institution & will be supervised by a faculty advisor. The internship is intended for advanced students with prior Psychology coursework. Students will receive credit based on hours completed during the course of the Sem., completion of a final report summarizing how their experiences reflect classroom learning & how it will influence their future work, & any other course work agreed upon by the advisor & student at the beginning of the course. Repeatable for a maximum of six credits.

PSY 299  DIRECTED STUDY IN PSYCHOLOGY  1-3 Units
Directed reading of the Lit. in a particular subject, possibly including a research Proj., under the personal supervision of the instructor.

PSY 307  PSYCHOLOGY OF PERSONALITY  3 Units
Discussion of major theories & research in personality; may include behavioral, biological, cognitive, dispositional, humanistic, & psychoanalytic perspectives.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR

PSY 309  ABNORMAL PSYCHOLOGY  3 Units
Contemporary theory & research on abnormal behavior, includes diagnostic categories, approaches to treatment & underst&ing of abnormal behavior.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR. ONE ADDITIONAL COURSE IN PSY IS RECOMMENDED.

PSY 311  SOCIAL PSYCHOLOGY  3 Units
Theory & research in areas such as social cognition, attitude formation & change, attribution theory, interpersonal attraction, group processes, social influence, aggression & prosocial behavior.

PSY 360  PSYCHOLOGY OF CHILDHOOD ADOLESCENCE  3 Units
A Surv. of human development theories & research. Topics include the biological, cognitive, emotional & social development of the individual from the prenatal period through adolescence. Students may not receive credit for both PSY 360 & PSY 250.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR

PSY 362  PSYCHOLOGY OF ADULTHOOD AND AGING  3 Units
A Surv. of human development theories & research. Topics include biological, cognitive, emotional & social development of the individual from young adulthood through old age & the process of death & dying. Students may not receive credit for both PSY 362 & PSY 250.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR

PSY 364  PSYCHOLOGY OF DEATH AND DYING  3 Units
This course examines all major aspects of the psychology of death & dying, including but not limited to terror Mgmt. theory, models of death anxiety, death awareness & cognitive development, the life review process, the NDE controversy, theories of suicide, & stages of grieving & bereavement.
PREREQ: PSY 201 OR PSY 202 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR

PSY 414  (U)COGNITIVE PSYCHOLOGY  3 Units
This course explores the scientific study of mental processes & brain mechanisms, with which people perceive, pay attention, learn, remember, make decisions, solve problems & communicate. The topics will be introduced in an interdisciplinary manner among psychology, neuroBio., computer Sci., robotics, & linguistics.

PSY 430  (U)SOCIAL PSYCHOLOGY  3 Units
Theory & research in areas such as social cognition, attitude formation & change, attribution theory, interpersonal attraction, group processes, social influence, aggression & prosocial behavior.
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR; AND PSY 201 OR 202
PSY 440  (U)Psychology LEADING GROUPS AND ORGANIZATIONS: ORGANIZATIONAL PSYCHOLOGY  3 Units
Organizational Psychology applies psychological methods & principles to understand how interactions among individuals, groups, & the broader social context impact organizations. By examining topics such as motivation, leadership, intergroup dynamics, conflict, & negotiation, this course will prepare students to lead successful groups & organizations. This course involved readings, lectures, experiential exercises, & placement at an organization within the community. Organizational placements involve a minimum commitment of two hours per week (equivalent to 30 hours of service-learning experience).
PREREQ: JUNIOR STANDING OR CONSENT OF INSTRUCTOR; AND PSY 201 OR 202

PSY 462  PSYCHOLOGY OF ADULTHOOD AND AGING  3 Units
A Surv. of human development theories & research. Topics include biological, cognitive, emotional & social development of the individual from young adulthood through old age & the process of death & dying.

Psychology (PSYCH)

Courses

PSYCH 101  INTRODUCTION TO THE PSYCHOLOGY MAJOR  1 Units
Introduction to the Psychology Major outlines academic emphases and requirements within the major and introduces students to a breadth of psychological careers. Students will learn basics of APA style, become familiar with paths to graduate school and psychology-related careers, and plot their own course of study in the major.
PREREQ: PSYCHOLOGY MAJOR OR PSYCHOLOGY MINOR OR CONSENT OF INSTRUCTOR

PSYCH 104  PSYCHOLOGY OF HUMAN ADJUSTMENT  3 Units
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  3 Units
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  3 Units
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 Units
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 139 OR MATH 141

PSYCH 216  RESEARCH METHODS  5 Units
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 296  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 6 credits in degree.

PSYCH 301  INTRODUCTION TO BEHAVIORAL NEUROSCIENCE  3 Units
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 CREDITS IN BIOLOGY
CROSS-LISTED: PSYCH 301 AND BIOLOGY 301

PSYCH 302  THE BIOLOGICAL BASIS OF EMOTION  3 Units
Explores the biological function of emotion, the physiological, neural, and psychological structure of emotion, and the biological mechanisms by which emotion interacts with other aspects of human behavior. Understanding of how scientific researchers explore the biology of behavior, and skills in reading, summarizing, and critiquing primary literature will be developed.
PREREQ: PSYCH 211

PSYCH 303  LEARNING AND CONDITIONING  3 Units
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 Units
An introduction to the study of the uniqueness of the individual. Emphasis will be on research methods and on theories as well as on some of the more important characteristics on which individuals differ.
PREREQ: PSYCH 211

PSYCH 305  PSYCHOLOGY OF PERCEPTION  3 Units
A study of how sensations emerge from physical energies falling upon sense receptors and get organized into the percepts we call events, with particular attention to the following: Basic principles of the senses, especially touch, hearing, and vision.
Topics include illusions, hallucinations, and normal experiences with all the senses, especially touch, hearing, and vision.
PREREQ: PSYCH 211

PSYCH 321  POSITIVE PSYCHOLOGY  3 Units
This course provides an introduction to the scientific study of human flourishing including ideas such as hope, mindfulness, love, humor, wisdom and purpose. Students will gain an understanding of the current research into positive traits, experiences, and institutions and learn to apply evidence-based strategies for improving well-being in their lives.
PREREQ: PSYCH 211
PSYCH 327  INTRODUCTION TO THE SCIENTIST-PRACTITIONER DISCIPLINES IN PSYCHOLOGY  3 Units
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 330  LIFESPAN DEVELOPMENT  3 Units
This course provides an examination of the biological, cognitive, social and emotional development of humans from conception to death. The course emphasizes typical developmental stages and patterns of adjustment to differing life-time demands as well as the role of cultural difference in the developmental process. The theories and principles of human development are examined in light of contemporary research.
PREREQ: PSYCH 211

PSYCH 345  ABNORMAL PSYCHOLOGY  3 Units
An introductory survey of abnormal psychology covering the clinical syndromes includes in the diagnostic classification system of the American Psychiatric Association. Current research regarding causal factors, treatment, and outcomes supplement descriptions of maladaptive patterns of behavior.
PREREQ: PSYCH 211 OR GRADUATE STANDING

PSYCH 351  COGNITIVE PSYCHOLOGY  3 Units
Course will explore processes of thought, attention memory, language, and problem-solving. Students will explore various theories of cognition from traditional psychological theories (i.e., linguistic vs. image based thought) to the current computer-based models (i.e., artificial intelligence) and examine relevant evidence to help us gain insight into the workings of the human mind.
PREREQ: PSYCH 211

PSYCH 355  SOCIAL PSYCHOLOGY  3 Units
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 383  HEALTH PSYCHOLOGY  3 Units
In this course, students will study the inter-relationship between psychology and health. Students will gain an understanding of the mind-body connection in the context of evidence-based approaches to disease prevention and wellness promotion through the lens of the biopsychosocial model.
PREREQ: PSYCH 211 OR PUBHLTH 101

PSYCH 394  DIRECTED RESEARCH IN PSYCHOLOGY  Repeatable  3 Units
Students, under faculty supervision, participate in some of all phases of research projects, literature search, design, data collection and analysis, and preparation of research reports. Repeatable for a maximum of 6 credits in the psychology major or minor. Topics vary from term to term. Department Consent required.

PSYCH 407  PSYCHOLOGY OF EMOTION AND MOTIVATION  3 Units
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 216 AND (PSYCH 302 OR PSYCH 304 OR PSYCH 330 OR PSYCH 355)

PSYCH 412  COMPARATIVE PSYCHOLOGY  3 Units
Comparative psychology is the study of animal behavior. Studying animals helps us understand what makes us uniquely human, and it also illuminates many areas of cross-species similarity. This course will examine the research on topics such as animal reasoning, language, and social behavior.
PREREQ: (PSYCH 216 OR BIOLOGY 303) AND (PSYCH/BIOLOGY 301 OR PSYCH 303 OR PSYCH 351) OR CONSENT OF INSTRUCTOR

PSYCH 416  ADVANCED AND MULTIVARIATE DATA ANALYSIS FOR THE LIFE SCIENCES  3 Units
An introduction to multifactorial and multivariate data analyses commonly used in life sciences such as psychology and biology. Analyses include analysis of variance and covariance, multiple analysis of variance and covariance, multiple regression, foundations of structural equation modeling (path analysis and latent factor analysis), discriminant analysis and logistic regression.
PREREQ: PSYCH 215 OR BIOLOGY 303 OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

PSYCH 420  FOUNDATIONS OF PROFESSIONAL SCHOOL PSYCHOLOGY  3 Units
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. Instructor Consent required.

PSYCH 426  CROSS-CULTURAL PSYCHOLOGY  3 Units
This course examines the relationship between culture and psychological processes. We will explore theories and research in various areas (e.g., self, socialization, cognition, motivation, emotion, and well-being) from the perspective of culture. We will discuss the implications of cultural similarities and differences in these areas for the scientific study of psychology, and for our personal lives in a diverse society.
PREREQ: PSYCH 216 AND (PSYCH 355 OR PSYCH 304 OR PSYCH 330)

PSYCH 431  PSYCHOLOGY OF CHILDHOOD  3 Units
An in-depth overview of the core theories, scientific methods, and major research findings for studying young children. Multiple aspects of early child development, including neurological/cognitive and social/emotional development from infancy through middle childhood, are considered. The approach to these topics is scientific, with an emphasis on recent research findings in developmental psychology.
PREREQ: PSYCH 216 AND PSYCH 330

PSYCH 432  PSYCHOLOGY OF ADOLESCENCE  3 Units
An examination of the biological, cognitive, social, and emotional development of humans from puberty to young adulthood, with particular attention to theory and research on key developmental tasks including identity, autonomy, intimacy, and sexuality development. Includes an emphasis on the influence of sociocultural contexts on development.
PREREQ: PSYCH 216 AND PSYCH 330
PSYCH 440  PSYCHOLOGICAL TESTS AND MEASUREMENTS  3 Units
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 216 AND (PSYCH 304 OR PSYCH 327)

PSYCH 444  PRINCIPLES OF BEHAVIOR MODIFICATION  3 Units
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 216 AND PSYCH 303

PSYCH 475  HISTORY AND SYSTEMS OF PSYCHOLOGY  3 Units
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: PSYCH 216 AND (PSYCH 303 OR PSYCH 304 OR PSYCH 305 OR PSYCH 351)

PSYCH 480  SCHOOL VIOLENCE AND CRISIS MANAGEMENT  3 Units
Advanced undergraduate students who have professional and/or scholarly interests in understanding variables associated violence and crisis management in public school setting. Emphasizes: Psychological, developmental, and risk correlates of childhood aggression; critical examination of prevention and intervention models considered most effective and useful in the school setting; in depth understanding of crisis prevention and response models.
PREREQ: PSYCH 216 AND (PSYCH 303 OR PSYCH 327 OR PSYCH 330 OR PSYCH 345) OR CONSENT OF INSTRUCTOR

PSYCH 483  ADVANCED HEALTH PSYCHOLOGY  3 Units
An examination of how scientific knowledge of the biopsychosocial components in health and disease are applied to the development of prevention and interventions programs for physical disease and disability as well as the promotion of health. Includes attention to theory, assessment, and prevention and intervention techniques with an emphasis on their ethical and evidence-based applications in diverse populations.
PREREQ: PSYCH 216 AND PSYCH 383

PSYCH 486  INTERVIEW AND PSYCHOTHERAPY TECHNIQUES  3 Units
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 216 AND (PSYCH 304 OR PSYCH 327)

PSYCH 487  FIELD TRAINING IN PSYCHOLOGY  3 Units
In this course students are placed in a supervised field experience in a selected agency or institution along with a classroom component. The course emphasizes application of psychological concepts and research in an applied setting.
PREREQ: PSYCH 216 AND CONSENT OF INSTRUCTOR; CONTACT INSTRUCTOR FOR APPLICATION PROCESS AND PREREQUISITES

PSYCH 489  FAMILY THERAPY  3 Units
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 216 AND (PSYCH 327 OR PSYCH 345)

PSYCH 490  WORKSHOP  Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable for a maximum of 6 credits in degree.
PREREQ: SENIOR STATUS OR CONSENT OF INSTRUCTOR

PSYCH 494  SEMINAR IN PSYCHOLOGY  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable, with permission of the Psychology Department, for a maximum of 6 credits in major/degree.
PREREQ: 12 CREDITS IN PSYCHOLOGY

PSYCH 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable, with permission of department, for a maximum of 6 credits in major/degree.
PREREQ: 12 CREDITS IN PSYCHOLOGY OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

PSYCH 497  EXCHANGE STUDY  Repeatable  0.5-12 Units
Variable topics. See Schedule of Classes. Repeatable.

PSYCH 498 INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable in combination with PSYCH 498R, for a maximum of 6 units in major and 12 units in degree.
PREREQ: 2.75 GPA, 9 CREDITS IN PSYCHOLOGY, JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR

PSYCH 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
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: 2.75 GPA, 9 CREDITS IN PSYCHOLOGY, JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR

PSYCH 499  SENIOR THESIS  Repeatable  3-6 Units
Students engage in a critical review or an experimental study of a topic of interest to them under the supervision of an honors thesis committee of the psychology department. Repeatable for a maximum of 6 credits in the major.
PREREQ: PSYCHOLOGY MAJOR OR MINOR WITH AT LEAST 20 UNITS IN PSYCHOLOGY COURSES AND A MINIMUM COMBINED CUMULATIVE GPA OF 3.0

Public Health (PUBHLTH)

Courses

PUBHLTH 101  INTRODUCTION TO PUBLIC HEALTH  3 Units
The course introduces students to core concepts, practices, and issues in the field of public health. Students develop an interdisciplinary population-level perspective on population-level health encompassing socioeconomic, cultural, behavioral, biological, and environmental factors. Students will critically examine the connections between patterns of health and disease, social conditions, public policies, and healthcare institutions, from the local to global levels.
This revolving topics course examines selected issues in global health from varying disciplinary perspectives. Students will become familiar with core global health concepts, methods, and debates, with a particular focus on low resource countries and vulnerable populations. Repeatable with a change of topic.

PREREQ: SOPHOMORE STATUS

PUBHLTH 493 INTERNSHIP Repeatable 1-3 Units

Study of a selected topic or topics under the direction of a faculty member.

PUBHLTH 498 INDEPENDENT STUDY 1-3 Units

Study of a selected topic or topics under the direction of a faculty member.

Race & Ethnic Cultures General (RACEETH)

Courses

RACEETH 150 ATLANTIC HISTORY 3 Units

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.

CROSS-LISTED: HISTRY 150 AND RACEETH 150

RACEETH 201 INTRODUCTION TO RACE AND ETHNIC STUDIES 3 Units

As the gateway and methods course for all the minors in the Race and Ethnic Studies Program, this interdisciplinary course provides an introduction to race theory frameworks from multiple disciplines (critical race theory, racial identity development, third space and cultural hybridity) and applies them to the dynamic and overlapping histories, cultures and literatures of historically underrepresented groups in the U.S.

RACEETH 217 AMERICAN MINORITY POLITICS 3 Units

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.

CROSS-LISTED: RACEETH 217 AND POLISCI 217

RACEETH 241 YOUTH CULTURE FORMATION: RACE, GENDER, AND SEXUALITY 3 Units

This course explores how various U.S. institutions construct "youth" as a social category, how those constructions are primarily interlocked with race and ethnicity, and how those constructions subsequently shape youth cultures in multi-faceted, intersectional cultural contexts such as music, gaming, sports, and media.

RACEETH 265 MULTICULTURAL LITERATURE OF THE UNITED STATES 3 Units

Multicultural Literature of the U.S. offers a wide range of literary texts (dramas, essays, novels, poetry, and short stories) written by people of color. This class offers students the opportunity to study and appreciate the experiences and histories of diverse groups within the U.S., including African-American, Asian American, Native American, and Latinx cultures.

PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

RACEETH 280 POLITICS OF URBAN INEQUALITY IN THE U.S. 3 Units

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.

CROSS-LISTED: POLISCI 280 AND RACEETH 280

RACEETH 285 ASIAN AMERICANS (DV) (GS) 3 Units

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.

PREREQ: GENED 130 AND GENED 120 OR GENED 140, OR SOPHOMORE STANDING

RACEETH 321 IMMIGRATION TODAY: INDIVIDUAL, COMMUNITY, AND GLOBAL PERSPECTIVES 3 Units

This course focuses on the changes in immigration to the United States in recent decades, challenges that recent immigrants face, and the controversies around this immigration. The immigrant experience of Latinos and the Hmong in Midwest will be emphasized, from an individual, family, and community perspective.

CROSS-LISTED: SOCWORK 321/RACEETH 321

RACEETH 344 RACE, ETHNICITY AND FILM 3 Units

This course will sociologically analyze racial and ethnic patterns in American films. We will discuss how decision-makers shape the public imagination. We will examine how race intersects with other identities in ways that lead to specific trends in Hollywood. We will highlight the relationship between media, culture and the economy.

PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

CROSS-LISTED: SOCIOLOGY/RACEETH 344

RACEETH 365 BLACK POLITICAL AND SOCIAL THOUGHT 3 Units

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 both in the Diaspora African Community as well as those in Africa.

PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

RACEETH 368 AMERICAN MINORITY WOMEN WRITERS 3 Units


PREREQ: ENGLISH 101 AND ENGLISH 102 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.

CROSS-LISTED: RACEETH 368 AND ENGLISH 368
RACEETH 380  RACE, ETHNICITY, AND SOCIAL JUSTICE FOR HELPING PROFESSIONS  3 Units
The course helps 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. Within the framework of the helping professions, students will explore, examine, and learn to advocate for social justice issues, especially related to African American/Black, Hispanic/Latino or Native Americans.
CROSS-LISTED: RACEETH 380 AND SOCPH 380

RACEETH 393  RACIAL & ETHNIC INEQUALITY: BEYOND THE CLASSROOM  3 Units
This course offers an in-depth investigation of contemporary racial-ethnic issues through experiential learning. The course combines scholarly readings, lectures, and discussions with hands-on assignments that occur "beyond the classroom," such as field trips, research, online engagement, service learning, or community-based projects.
PREREQ: 3 UNITS OF SOCIOLOGY OR SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

RACEETH 394  MINORITY AND MULTIRACIAL FAMILIES  3 Units
This course will examine the "traditional" definition of family throughout American history as well as how more and more families challenge this definition. We will discuss how political, economic and social factors have shaped the experiences, structure and dynamics of families; and we will analyze trends in family formation patterns. (Offered jointly with Race and Ethnic Studies).
PREREQ: COMPLETION OF THE UNIVERSITY U.S. RACIAL/ETHNIC DIVERSITY REQUIREMENT OR 3 CREDITS OF SOCIOLOGY
CROSS-LISTED: RACEETH 394 AND SOCPH 394

RACEETH 481  CAPSTONE SEMINAR IN RACE AND ETHNIC STUDIES  3 Units
This capstone course, to be taken as one of the last courses in the minor, is required of all minors in the Race and Ethnic Studies Program. Students will hone their research methods in race/ethnic studies and apply them to a project. The project, which may be research, creative, or professional in nature, will be presented orally.
PREREQ: JUNIOR STANDING, A MINOR IN RACE AND ETHNIC STUDIES, RACEETH 201, AND AT LEAST 9 ADDITIONAL UNITS OF COURSES WITHIN THE RACE AND ETHNIC STUDIES AREA, INCLUDING AFRIAMR, ASIANAM, AMERIND, CHICANO, LATINX, AND RACEETH

RACEETH 490  WORKSHOP  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques.

RACEETH 491  TRAVEL STUDY  1-3 Units
Variable topics. Faculty-led courses abroad.

RACEETH 493  INTERNSHIP RACEETH  Repeatable  1-12 Units
Internship

RACEETH 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

RACEETH 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable three times for maximum of 9 credits.

Reading (READING)

Courses
READING 360  FOUNDATIONS OF LITERACY IN THE ELEMENTARY/ MIDDLE SCHOOL  3 Units
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: PROFESSIONAL ED ADMISSION

READING 361  EMERGENT LITERACY AND BEGINNING READING INSTRUCTION  3 Units
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: READING 360 OR READING 361

READING 461  LITERACY ASSESSMENT AND RESPONSIVE INTERVENTION STRATEGIES  3 Units
This course covers the principles, assessments, approaches, and strategies used in reading interventions for emerging and beginning readers who may be at risk for reading difficulty. These principles include phonemic awareness, phonics, fluency, vocabulary, and comprehension. The development of individualized and small group reading programs designed to match student needs will be addressed.
PREREQ: READING 360 OR READING 361

READING 462  LITERACY INSTRUCTION IN THE ELEMENTARY/MIDDLE GRADES  5 Units
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  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

Recreation (RECREATN)

Courses
RECREATN 232  INTRODUCTION TO RECREATION AND LEISURE  2 Units
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 233  INTRODUCTION TO SPORT MANAGEMENT  2 Units
This course will introduce students to the history of the sport industry and the role of the sport manager. Students will develop an understanding of potential career outlets in these fields. Students will apply concepts of administration and management of sport to their future professional practice.
RECREATN 320 LEADERSHIP AND FACILITATION OF RECREATIONAL GAMES 3 Units
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 RECREATION PROGRAMMING 3 Units
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 DUE TO PREVIOUS RECREATION LEADERSHIP EXPERIENCE (EX. YOUTH RESIDENT CAMP COUNSELOR OR RESIDENT ASSISTANT EXPERIENCE)

RECREATN 360 AGING AND LEISURE 3 Units
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 ADVENTURE AND SPORT TOURISM 3 Units
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/SENIOR STATUS

RECREATN 388 SPECIAL EVENTS MANAGEMENT 3 Units
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/SENIOR STATUS

RECREATN 391 OUTDOOR RECREATION LEADERSHIP 3 Units
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 423 RESEARCH AND EVALUATION IN RECREATION AND LEISURE STUDIES 3 Units
This course places emphasis on research involving recreation and leisure service provision, evaluation of leisure service programs, and research methodology. Topics will include: review of existing literature, research design, data collection, and data analysis.
PREREQ: JUNIOR/SENIOR STATUS

RECREATN 440 COMMERCIAL AND ENTREPRENEURIAL RECREATION 3 Units
Students in this class will explore commercial recreation, entrepreneurialism, and basics of travel and tourism. Topics include an overview of entrepreneurial recreation, economics, marketing and financing commercial recreation endeavors, and exploring various opportunities available in the commercial and private sector.

RECREATN 450 PLANNING, DESIGN, AND MANAGEMENT OF RECREATION FACILITIES 3 Units
This course will introduce management theories and provide practical experience in the design, development, operation, maintenance, and administration of various recreation facilities

RECREATN 480 LEGAL ASPECTS OF SPORT AND RECREATION ACTIVITIES 3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR CROSS-LISTED: COACHING 480 AND RECREATN 480

RECREATN 489 MANAGING RECREATIONAL SPORT PROGRAMS 3 Units
A study of recreational management concepts in the areas of human resources, facility operations, budget development, marketing, public relations, policy development, and program service design.
PREREQ: JUNIOR STANDING OR ENROLLED IN THE RECREATION MINOR OR INSTRUCTOR CONSENT

RECREATN 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable for a maximum of 6 credits in major/degree.

RECREATN 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

RECREATN 492 FIELD STUDY: RECREATION Repeatable 1-12 Units
A course designed to increase the student’s understanding of a specific area of recreation through involvement in an off-campus internship at a recognized recreational agency or business which is suited to the student’s area of interest. Repeatable for a maximum of 12 credits in major/degree.
PREREQ: JUNIOR/SENIOR STATUS

RECREATN 493 INTERNSHIP Repeatable 6-12 Units

RECREATN 494 SEMINAR IN RECREATION/LEISURE STUDIES 1-3 Units
Variable topics. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable for a maximum of 6 credits in major/degree.
PREREQ: JUNIOR/SENIOR STATUS

RECREATN 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable for a maximum of 6 credits in major/degree.

RECREATN 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable Topics

RECREATN 498 INDEPENDENT STUDY IN RECREATION Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum 6 credits in major/degree.
PREREQ: REC/LEISR MINOR AND 2.75 GPA OR DEPARTMENT CONSENT
Religion (REL) - Rock County

Courses

REL 101 INTRODUCTION TO THE STUDY OF RELIGION 3 Units
This course introduces students to various methods employed in the academic study of religion and will provide opportunity for students to apply these methods to diverse expressions of the religious life. This course is primarily a global awareness competencies course.

REL 201 ASIAN PHILOSOPHY 3 Units
(PHI 201 & REL 201 are the same course.) An exploration of philosophically significant topics pertaining to the traditions of Asia. Typically includes the traditions of Hinduism, Buddhism, Jainism, Confucianism, Daoism, and Shinto. May include topics such as the nature of ultimate reality and its relationship to the self, liberation and enlightenment, ethical ideals and practices, social institutions, and the nature of government. Attention will be paid to arguments pertaining to these topics as well as careful analysis of such classic primary sources as the Upanishads, Bhagavad Gita, Analects, Dao de Jing, and Zhuangzi.

REL 202 INTRODUCTION TO BUDDHISM 3 Units
Selective Intro to prominent Buddhist traditions of Asia & contemporary West including basic Buddhist doctrines, practices, institutions, and material culture. Analysis of sacred Buddhist Lit. with attention paid to historical context & contemporary lived realities. Attention will be paid to acquiring overall Asian awareness competencies pertaining to these topics as well as the role these traditions play in the social fabric of Asian immigrant communities in the modern U.S.

REL 203 AMERICAN INDIAN PHILOSOPHIES 3 Units
(PHI 203 & REL 203 are the same course.) A study of philosophical aspects of American Indian world views & practices in contrast to those of the larger culture in the US. Attention will be given to historical & contemporary relations between American Indian cultures & the larger culture in the US.

REL 205 INTRODUCTION TO CHRISTIANITY 3 Units
This course is an Intro to the history, texts, beliefs, artistic expressions, and practices of the diverse panorama that is the Christian religious tradition. Special emphasis will be placed on the global nature of Christianity throughout the past two millennia. Thus, in addition to covering Christianity in West Europe & the U.S., there will be significant focus on varieties of the religion in the non-West world & in indigenous communities. The course does not presume a particular religious perspective but only requires a sympathetic & open mind.

REL 218 RELIGION AND POLITICS 3 Units
(POL 218 & REL 218 are the same course.) An examination of the relationship between religion & politics within the U.S. and beyond. Topics include religion & the political history of the U.S., civil liberties & religion (establishment & free exercise), the role religion plays in the political process, from the perspective of both cooperation & conflict.

REL 258 HUMAN NATURE, RELIGION AND SOCIETY 3 Units
(PHI 258 & REL 258 are the same course.) Study & critique of the views of theistic & secular writers concerning religion & its relationship to individual & social problems.

REL 261 PHILOSOPHY OF RELIGION 3 Units
(PHI 261 & REL 261 are the same course.) An exploration & critical examination of philosophically significant topics pertaining to religion & its claims of knowledge of reality, divine or otherwise. Topics may include attempts to define religion, monotheism & its alternatives, God’s existence, evil, the nature of faith, the status of sacred texts, religious experience, religious diversity, faith & reason, Sci. & religion, miracles, & life after bodily death. Attention will be paid to relevant arguments, both contemporary & historical (e.g., Aquinas, Hume, Kierkegaard, James). Various philosophical methods including but not limited to conceptual analysis, skepticism, & existentialist criticism are employed to better understanding the rich & diverse cross-cultural phenomenon of religious experience.

REL 275 SOCIOLOGY OF RELIGION 3 Units
(REL 275 & SOC 275 are the same course.) A sociological approach to the study of religion, its institutional forms, aims, & impact on society. Attention is given to the theories of the Soc. of religion & to the interaction of religion & the social, political, & economic structures of society. Special emphasis is given to those religions which influence U.S. society. Not recommended for first-Sem. students, except with cons. instr.

REL 291 SELECTED TOPICS IN RELIGIOUS STUDIES 3 Units
A Surv. of selected readings from the primary & secondary Lit. on a particular aspect of religion, such as religious belief systems, religious practices, religious institutions, religious experience, history of religion & musical, artistic or literary expression in religion.

REL 299 INDEPENDENT READING IN RELIGIOUS STUDIES 1-3 Units
Intensive study of a sacred text or of a secondary theological, literary, exegetic or other text within a religious tradition.

REL 302 RELIGION AND CULTURAL CONFLICT 3 Units
This course offers an exploration into the nature & function of religion in the context of cultural conflict & change. The course will shed light on the rise of militant Jewish, Christian, & Islamic fundamentalism & the intensification in the current era of individuals & groups acting violently in the name of religion.
PREREQ: ENG 102 WITH A GRADE OF C OR BETTER AND ONE OF THE FOLLOWING: REL 101, PHI 101, SOC 101, OR CONSENT OF INSTRUCTOR.

REL 343 RELIGION, MAGIC, AND WITCHCRAFT 3 Units
(ANT 343 & REL 343 are the same course.) Religion, magic & witchcraft are uniquely human means of reaching out to the supernatural realm in order to effect changes in the here & now. This course introduces students to descriptions & interpretations of magico-religious beliefs & practices in a variety of cultures from an anthropological perspective, which does not attempt to judge the validity of such beliefs but to understand their origins & functions, among other things. It examines theories about religion & some of the conceptual issues regarding the interpretation of religion & related phenomena which have interested anthropologists over time.
PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.

Religious Studies (RELIGST)

Courses

RELIGST 111 INTRODUCTION TO ASIAN RELIGIONS 3 Units
An introduction to the major religious traditions in the cultural areas of South, Southeast, and East Asia: Hinduism, Buddhism, Jainism, Taoism, Confucianism, and Shinto.
CROSS-LISTED: RELIGST 111 AND ASIANSTD 111.
RELIGST 112 INTRODUCTION TO WESTERN RELIGIONS 3 Units
An introduction to the major religious traditions that have shaped Near Eastern and Western culture; especially Judaism, Christianity, and Islam.

RELIGST 135 INTRODUCTION TO ISLAMIC CIVILIZATIONS 3 Units
This course examines emergence and evolution of Islamic Civilizations from the seventh century though 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.
CROSS-LISTED: HISTRY 135 AND RELIGST 135

RELIGST 222 INTRODUCTION TO JUDAISM 3 Units
A basic introduction to Judaism, this course explores Jewish traditions from their origins in ancient Israelite religion; Rabbinic Judaism; Jewish philosophy and mysticism; contemporary Jewish movements; the primary texts of Judaism; and the religious experience, values, beliefs, practices, and symbols of a variety of "Judaisms" throughout the world.

RELIGST 232 BUDDHISM: THE MIDDLE WAY 3 Units
This course introduces the wide range of Buddhist ideas and practices that have developed in Asia. It considers the social context in which Buddhism developed, the philosophical bases of all Buddhist schools, the development of the Mahayana, Buddhist Tantra, and Buddhist practices in South, Southeast and East Asia.
CROSS-LISTED: RELIGST 232 AND ASIANSTD 232

RELIGST 242 NATIVE AMERICAN RELIGIONS 3 Units
This course explores the historical development and manifestations of Native American religions from before European contact to the present. The course examines the diverse experiences of Native Americans, analyzes the changing roles of Native American religions, and questions traditional conceptions of Native Americans and Native American religions throughout American history.

RELIGST 252 THE BIBLE AS LITERATURE 3 Units
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 OR ENGLISH 161 AND ENGLISH 162 OR ENGLISH 105.
CROSS-LISTED: ENGLISH 252 AND RELIGST 252

RELIGST 262 RELIGIONS OF INDIA 3 Units
India is well-known as the land of Hinduism, but it is also the birthplace of Buddhism, Jainism, and Sikhism, and it is the home to a substantial portion of the world’s Muslims. In this class, we will learn about each of these major Indian religions, as well as the way in which they relate to each other historically.

RELIGST 301 CRITICAL ISSUES IN MODERN RELIGION 3 Units
An introduction to selected critical issues relating to contemporary academic concerns. A variety of religion to modern culture and intellectual positions will be analyzed and discussed.

RELIGST 302 RELIGIOUS ETHICS 3 Units
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 STANDING OR CONSENT OF INSTRUCTOR

RELIGST 303 ASIAN RELIGIOUS THOUGHT 3 Units
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 INSTRUCTOR
CROSS-LISTED: RELIGST 303 AND ASIANSTD 303

RELIGST 304 CONTEMPORARY ISLAMIC THOUGHT AND PRACTICE 3 Units
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.

RELIGST 330 RELIGION, SEXUALITY AND GENDER 3 Units
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 INSTRUCTOR
CROSS-LISTED: RELIGST 330 AND WOMENST 330

RELIGST 333 GEOGRAPHY OF RELIGION 3 Units
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.
CROSS-LISTED: GEOGRPY 333 AND RELIGST 333

RELIGST 340 EVIL AND RELIGION 3 Units
This course presents a variety of ways of examining the problem of evil in several of the world's religious traditions—as a philosophical and theological problem for understanding the relationship between God and human beings in monotheistic religions, but also in broader comparative perspective through the confrontation of evil in polytheistic and non-theistic religions.

RELIGST 351 RELIGION IN AMERICAN CULTURE 3 Units
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 INSTRUCTOR

RELIGST 353 SOCIOLOGY OF RELIGION 3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: RELIGST 353 AND SOCIOLOGY 353

RELIGST 365 RELIGIOUS AND PHILOSOPHICAL PERSPECTIVES ON DEATH AND DYING 3 Units
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 STATUS OR CONSENT OF INSTRUCTOR
RELIGST 371 MODERN RELIGIOUS MOVEMENTS  3 Units
Modern Religious Movements will introduce students to the historical
development and contemporary manifestations of various religions or
religious traditions throughout the world from the early modern era to the
present. It explores both those religious forms born within the modern
era and those religious movements that are shaping religious expression
today.

RELIGST 388 THE HOLOCAUST: NAZI GERMANY AND THE GENOCIDE
OF THE JEWS  3 Units
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: THREE CREDITS OF SOCIOLOGY, HISTORY OR RELIGIOUS
STUDIES.
CROSS-LISTED: RELIGST 388 AND SOCIOLGY 388

RELIGST 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing
‘hands on’ and participatory instructional techniques. Repeatable

RELIGST 494 SEMINAR Repeatable 1-3 Units

RELIGST 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable

RELIGST 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

RELIGST 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty
member. Repeatable

Russian (RUSSIAN)

Courses

RUSSIAN 141 BEGINNING RUSSIAN  4 Units
This first-semester Russian course will introduce students to the Russian
language (speaking, reading, writing and listening) and culture.

RUSSIAN 490 WORKSHOP Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing
‘hands on’ and participatory instructional techniques. Repeatable

RUSSIAN 491 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

RUSSIAN 493 INTERNSHIP IN RUSSIAN Repeatable 1-3 Units
Internships are available in business, government or social service
agencies for suitably prepared students wishing to pursue a career that
Involves foreign languages. Repeatable. Satisfactory/No Credit Grade
Basis Only.

RUSSIAN 494 SEMINAR Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined
subject matter area emphasizing a small group in intense study with a
faculty member. Repeatable one time.

RUSSIAN 496 SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but
offered on topics selected on the basis of timeliness, need, and interest,
and generally in the format of regularly scheduled Catalog offerings.
Repeatable.

RUSSIAN 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics. Repeatable.

RUSSIAN 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty
member.

Secondary Education (SECNDED)

Courses

SECNDED 421 MIDDLE LEVEL MATH METHODS  3 Units
Methods and curriculum for teaching mathematics in the middle school.
Develops diverse learning experiences, environments, and roles to create
deep conceptual understanding that makes sense of mathematics (how,
when and why). Creative mathematical thinking is practiced through
problem-solving, reasoning, modeling, and applying. Mathematical
content will focus on critical areas.
PREREQ: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED
ADMISSION
CROSS-LISTED: ELEMMD 421 AND SECNDED 421

SECNDED 422 MIDDLE/SECONDARY SCHOOL ART EDUCATION  3 Units
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 AND PROFESSIONAL ED
ADMISSION

SECNDED 426 METHODS OF TEACHING ENGLISH AND LANGUAGE
ARTS  3 Units
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 AND RESTRICTED TO STUDENTS WITH
PROFESSIONAL ED ADMISSION

SECNDED 427 METHODS OF TEACHING WORLD LANGUAGES  3 Units
An introduction to the principles and techniques of teaching modern
world languages 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 AND RESTRICTED TO STUDENTS WITH
PROFESSIONAL ED ADMISSION

SECNDED 428 THE TEACHING OF MATHEMATICS IN THE SECONDARY
SCHOOL  3 Units
A study of the materials, methods, curriculum and structure of secondary
school mathematics. Review of current objectives in secondary school
mathematics.
PREREQ: EDFOUND 212 AND RESTRICTED TO STUDENTS WITH
PROFESSIONAL ED ADMISSION
SECNDED 429 METHODS OF TEACHING SCIENCE 3 Units
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 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 430 THE TEACHING OF SOCIAL STUDIES IN THE SECONDARY SCHOOL 3 Units
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 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 434 TEACHING THEATRE IN THE SECONDARY SCHOOL 3 Units
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 AND RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SECNDED 440 METHODS OF TEACHING MARKETING EDUCATION 2 Units
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 CREDITS OF MARKETING-RELATED COURSES; PREREQ: PROFESSIONAL ED ADMISSION

SECNDED 441 METHODS OF TEACHING ACCOUNTING 3 Units
A study of course content in accounting 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 OR ACCOUNT 701; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION OR CONSENT OF INSTRUCTOR

SECNDED 442 METHODS OF TEACHING COMPUTER APPLICATIONS AND PROGRAMMING 2 Units
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 CIBME 245; OR CONSENT OF INSTRUCTOR

SECNDED 444 METHODS OF TEACHING BASIC BUSINESS SUBJECTS 2 Units
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.
COREQ: FNBSLW 341 OR CIBME 401, ONE OF WHICH MAY BE TAKEN CONCURRENTLY PREREQ: ADMISSION TO PROFESSIONAL EDUCATION

SECNDED 450 SECONDARY FIELD STUDY SEMINAR 3 Units
Designed to support students in field study during the Secondary Methods Block with opportunities for focused reflection, discussion, and close supervision of preparation for performance assessment tasks. Offered on a satisfactory/no credit basis only.
PREREQ: ADMISSION TO PROFESSIONAL EDUCATION COREQ: CIBME 402 OR CIBME 404 OR CIBME 408

SECNDED 460 LITERACY IN THE DISCIPLINES 3 Units
Students will develop an understanding of the role of literacy within and across the disciplines. They will design secondary classroom literacy materials according to a theoretical framework of how learners use multiple literacies, with emphasis on the application of skills within the disciplines in order to maximize student learning.
PREREQ: EDFOUND 212 OR EDFOUND 222 OR EDFOUND 478 AND PROFESSIONAL ED ADMISSION

SECNDED 472 MIDDLE LEVEL STEM METHODS APPLYING MODELING INQUIRY & DESIGN 3 Units
This course will help prospective and practicing teachers in grades 6-8 learn methods of instruction in STEM subjects, using the lens of science and math content knowledge and modeling, inquiry and design practices. Students will learn how to identify, develop, and apply and evaluate STEM challenges using project-based learning.
COREQ: CONCURRENT ENROLLMENT IN OR COMPLETION OF EDFOUND 222 OR EDFOUND 212 OR CONSENT OF INSTRUCTOR CROSS-LISTED: ELEMMID 472 AND SECNDED 472

Social Work (SOCWORK)

Courses
SOCWORK 101 INTRODUCTION TO THE SOCIAL WORK PROFESSION 1 Units
This course is required for all social work majors as it introduces social work majors to the social work department, social work profession, code of ethics, critical thinking and social work writing skills.
PREREQ: RESTRICTED TO SOCIAL WORK MAJORS COREQ: SOCWORK 102

SOCWORK 102 INTRODUCTION TO SOCIAL WELFARE 3 Units
This course is an introduction to the ways in which social welfare policies and programs and the social work profession contribute to society. Students will examine current social welfare issues and the ways that levels of government, social service agencies, voluntary associations, and social workers have responded and currently respond to these issues.

SOCWORK 235 CHILD WELFARE 3 Units
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.

SOCWORK 250 STATISTICS FOR SOCIAL WORK 3 Units
This course introduces basic statistics applicable to social work practice and research. Social work practitioners must be able to conduct research and data analysis to provide effective interventions for their clients. The course also provides students with opportunities to learn a popular statistical software for social research, SPSS, to analyze the data and present results.
PREREQ: GRADE OF C OR BETTER IN MATH 139 OR MATH 141 OR ADMISSION TO THE MSW PROGRAM

SOCWORK 291 TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.
SOCWORK 296  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: SOCWORK 102 OR CONSENT OF INSTRUCTOR

SOCWORK 301  ASSERTIVENESS TRAINING IN THE HELPING PROFESSIONS  1 Units
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 311  HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT  4 Units
This course promotes knowledge of the human behavior and the social environment through application of numerous theoretical frameworks. The course examines the intersectionality of these frameworks in social work practice, policy, and research.
PREREQ: SOCWORK 102. COURSE MAY ALSO BE TAKEN CONCURRENTLY.

SOCWORK 312  HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II  3 Units
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

SOCWORK 321  IMMIGRATION TODAY: INDIVIDUAL, COMMUNITY, AND GLOBAL PERSPECTIVES  3 Units
This course focuses on the changes in immigration to the United States in recent decades, challenges that recent immigrants face, and the controversies around this immigration. The immigrant experience of Latinos and the Hmong in Midwest will be emphasized, from an individual, family, and community perspective.
CROSS-LISTED: SOCWORK 321/RACEETH 321

SOCWORK 325  SOCIAL WORK WITH CHILDREN AND ADOLESCENTS  3 Units
This course is designed to introduce undergraduate students to the knowledge and skills necessary for working with children and adolescents including assessment and interview of this population, child welfare policy (Wisconsin Juvenile Code), practice settings (i.e. group homes), etc. The major emphasis will be on populations at risk (emotional problems, abuse/neglect, gay/lesbian, etc.) with a focus on current intervention approaches.
COREQ: SOCWORK 371

SOCWORK 330  LEGAL ISSUES IN SOCIAL WORK PRACTICE  3 Units
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  INTRODUCTION TO SOCIAL GERONTOLOGY  3 Units
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: SOPHOMORE STATUS

SOCWORK 341  SEXUALITY FOR PROFESSIONAL GROWTH  3 Units
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 Units
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 360  COMMUNITY-BASED LEARNING  3 Units
Through a partnership with a social service organization, students will undertake a project from start to finish. Students in groups will develop a plan for implementing a new program and will work in small groups to implement the plan, which could include advocacy, policy development, training and program evaluation.
PREREQ: JUNIOR STATUS OR CONSENT OF INSTRUCTOR

SOCWORK 371  PRACTICE I: SOCIAL WORK WITH INDIVIDUALS  3 Units
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.
PREREQ: SOCWORK 101, SOCWORK 102, GENED 130 OR PSYCH 211, JUNIOR STATUS, AND COMBINED CUMULATIVE GPA OF 2.50. RESTRICTED TO SOCIAL WORK STUDENTS ADMITTED TO PROFESSIONAL PROGRAM OR CONSENT OF DEPARTMENT. COREQ: SOCWORK 311

SOCWORK 372  PRACTICE II: SOCIAL WORK WITH FAMILIES AND GROUPS  3 Units
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 families and groups.
PREREQ: SOCWORK 311, SOCWORK 371, AND COMBINED CUMULATIVE GPA OF 2.50

SOCWORK 375  SOCIAL WORK CASE MANAGEMENT  3 Units
This course introduces students to case management and explores its utility as a service to assist a wide range of social work clients. The course goals include defining case management, carrying-out the activities, exploring legal and ethical issues, and developing practice skills. Students will perform activities core to case management.
PREREQ: SOCWORK 371

SOCWORK 380  RACE, ETHNICITY, AND SOCIAL JUSTICE FOR HELPING PROFESSIONS  3 Units
The course helps 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. Within the framework of the helping professions, students will explore, examine, and learn to advocate for social justice issues, especially related to African American/Black, Hispanic/Latino or Native Americans.
CROSS-LISTED: RACEETH 380 AND SOCWORK 380
**SOCWORK 402** SOCIAL WORK RESEARCH 4 Units
This course introduces students to the research process. A major focus of this course is the integration of research and practice. Students will learn to use research evidence to inform practice and advocacy, and use practice-based experiences to inform scientific inquiry. Students will also learn basic quantitative skills.
PREREQ: SOCWORK 102 AND SOCWORK 311 COREQ: SOCWORK 371

**SOCWORK 430** SOCIAL WORK PRACTICE IN BEREA VEMENT Repeatable 3 Units
This course focuses on how to professionally engage, assess and intervene with intersectional aspects of bereavement. This course builds on theoretical knowledge of on grief, loss, death, and dying anchored in a social work practice perspective.
PREREQ: SOPHOMORE STANDING

**SOCWORK 435** SOCIAL WORK PRACTICE WITH LGBTQ POPULATION Repeatable 3 Units
This course aims to provide students with a deeper understanding of the experiences of lesbian, gay, bisexual, transgender, and queer (LGBTQ) people, and their diverse and intersectional identities as applied to direct social work practice, intervention, and policy. This course will examine a variety of areas of relevance to social work with LGBTQ populations including history, theory, and contemporary issues.
PREREQ: SOPHOMORE STANDING

**SOCWORK 440** ADVANCED STRESS MANAGEMENT 3 Units
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/HEALTHED 562 OR SOCWORK 303 OR CONSENT OF INSTRUCTOR

**SOCWORK 462** SOCIAL WELFARE POLICY 3 Units
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: POLISCI 141 AND (SOCWORK 371 OR 3 ADDITIONAL UNITS POLISCI) OR CONSENT OF INSTRUCTOR
CROSS-LISTED: POLISCI 462 AND SOCWORK 462

**SOCWORK 473** PRACTICE III: SOCIAL WORK WITH ORGANIZATIONS AND COMMUNITIES 3 Units
This course will cover advanced problem solving approaches for intervention with organizations, and communities. The class will utilize simulated practice situations. The course has an emphasis on social work practice with organizations and communities.
PREREQ: SOCWORK 372 AND COMBINED CUMULATIVE GPA 2.25. SPECIAL UNDERGRADUATES AND GRADUATE STUDENTS MUST HAVE APPROVAL OF THE DEPARTMENT CHAIR.

**SOCWORK 489** SENIOR SEMINAR IN SOCIAL WORK 1 Units
The course prepares students for future options within the field of social work. Portfolio preparation (including resume) and presentation is emphasized as an essential element of making the transition to careers in the private and public sectors, as well as graduate studies.
PREREQ: SOCWORK 372 WITH A C OR BETTER COREQ: SOCWORK 473

**SOCWORK 490** SOCIAL WORK WORKSHOP Repeatable 1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable. Instructor Consent required.

**SOCWORK 491** TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

**SOCWORK 493** SOCIAL WORK EXPERIENCE Repeatable 3-12 Units
Students are placed in a community agency under the supervision of an experienced social worker. Students are expected to develop an in-depth understanding of agency activities and programs and will assume increasing levels of responsibility as beginning social workers. Attendance at periodic field placement meetings is expected. This course may be taken as a block placement (12 credits) for one semester or summer, or over two semesters at 6 credits per semester. A total of 480 hours in the agency is required in either option.
PREREQ: ALL OTHER REQUIRED SOCIAL WORK COURSES MUST BE COMPLETED AND CONSENT OF INSTRUCTOR, COMBINED CUMULATIVE GPA OF 2.25 REQUIRED.

**SOCWORK 494** SEMINAR IN SOCIAL WORK METHODS Repeatable 3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.
PREREQ: SOCWORK 371

**SOCWORK 496** SPECIAL STUDIES Repeatable 1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: SOCWORK 102 OR CONSENT OF INSTRUCTOR

**SOCWORK 497** EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

**SOCWORK 498** INDEPENDENT STUDY IN SOCIAL WORK Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

**SOCWORK 498R** INDEPENDENT STUDIES IN SOCIAL WORK - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

**SOCWORK 499** SENIOR HONOR THESIS IN SOCIAL WORK 3 Units
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. Students must have invitation from the staff.
PREREQ: SENIOR STATUS

**Sociology (SOC) - Rock County Courses**

**SOC 101** INTRODUCTION TO SOCIOLOGY 3 Units
Intro to the basic concepts, theories & methods of Soc., emphasizing the significance of the self & culture, social process & organization, & forces of social stability & change

**SOC 125** AMERICAN SOCIETY IN THE CONTEMPORARY WORLD 3 Units
Explores contemporary U.S. society in an international & comparative context. Focuses on social structure & institutions, cultural values, the forces of change & the web of relations among countries.
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>SOC 130</td>
<td>CONTEMPORARY SOCIAL PROBLEMS</td>
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<td>Sociological analysis of the nature, extent, causes, &amp; potential solutions to selected major social problems such as poverty &amp; wealth, racial &amp; gender discrimination, crime &amp; violence, drug abuse, family problems, quality of education, inadequate health care, population problems, intergroup conflict, &amp; threats to the Env.. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 160</td>
<td>SOCIOLOGY OF HUMAN SEXUALITY</td>
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<td>Sociological overview of issues in human sexuality. Course is based on sociological investigations of the origins, nature &amp; biosocial consequences of varying customs &amp; ideals of human sexuality. Among topics that may be covered are: sex &amp; family life, contraception, abortion &amp; social power, violations of sexual norms &amp; ideas about sexual propriety, origins &amp; impact of sexual liberation movements, sociosexual aspects of epidemics, sociological interpretations of sexual dissatisfactions. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 205</td>
<td>GLOBAL SOCIAL PROBLEMS</td>
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<td>Sociological analysis of the nature, extent, causes, &amp; potential solutions to global social problems such as consumerism, poverty &amp; wealth, human rights, population growth &amp; hunger, health issues, militarism &amp; terrorism, &amp; threats to the Env.. Prereq: Not recommended for first-Sem. students.</td>
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<tr>
<td>SOC 210</td>
<td>SOCIOLOGY OF SPORT</td>
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<td>A Surv. of the past &amp; present roles sport has played within our society including its impact on the educational system, the media, the family &amp; economic structures. Areas including heritage, social status, personality &amp; race will be addressed. Primary emphasis given to sports in the U.S.. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 220</td>
<td>SOCIOLOGY OF MARRIAGE AND THE FAMILY</td>
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<td>Marriage &amp; the family as social institutions in a changing world. Historical changes &amp; societal variations in family patterns. Changes over the life cycle. Explores the sources &amp; consequences of a variety of family forms. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 231</td>
<td>CRIME AND CRIMINAL JUSTICE</td>
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<td>Explores the nature of crime &amp; reviews ideas about definitions, causes, &amp; solutions. Includes an Intro to the day-to-day functioning of the criminal justice system, the police, lawyers, courts, &amp; correctional personnel. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 234</td>
<td>SOCIOLOGY OF RACE &amp; ETHNICITY</td>
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<td>The experience of American racial, religious, ethnic &amp; nationality groups. The nature of intergroup relations in the U.S.. Relationship of intergroup dynamics to social change, &amp; to basic ideological, technological, &amp; institutional structures &amp; processes. Emphasis on social conflict over the distribution of economic &amp; political power, family patterns, housing, education &amp; access to the legal system. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 238</td>
<td>SOCIOLOGICAL PERSPECTIVES ON GENDER</td>
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<td>(SOC 238 &amp; GSW 238 are the same course.) A sociological examination of roles assigned to women &amp; men in society, including the experiences of marriage, parenthood, employment &amp; occupational attainment. Pays particular attention to gender role socialization &amp; its cultural reinforcement, to patterns of gender relations &amp; to ongoing changes. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 246</td>
<td>JUVENILE DELIQUENCY</td>
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<td>Examines the theories of the nature, causes, consequences, &amp; prevention of juvenile misbehavior through examination of historic changes in the definition &amp; frequency of juvenile offenses. Controversies over the practice of distinguishing juvenile crime &amp; misbehavior from adult crime. Controversies over the treatment &amp; punishment of juveniles, in connection with the activities of juvenile courts, parents &amp; school officials, local communities, police departments, politicians, networks of attorneys &amp; treatment personnel, &amp; correctional authorities. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 249</td>
<td>COMPARATIVE CRIMINOLOGY</td>
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<td>This course explores the links between crime, social organization, history &amp; penal policy in various countries, with reference to the U.S.. It examines definitions of crime &amp; forms of organization of criminal justice systems on the background of different legal traditions &amp; penal philosophies. This global focus is exp&amp;ed through analyses of the impact of globalization on crime &amp; on criminal justice &amp; the utilization of international electronic resources. PREREQ: SOC 231 OR SOC 246 OR POL 120 OR CONSENT OF INSTRUCTOR.</td>
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<tr>
<td>SOC 250</td>
<td>PEOPLE, ORGANIZATIONS, and SOCIETY</td>
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<td>Role of organizations, including business, governmental, &amp; educational, in American society. Impact of organizations on members &amp; clients, the internal dynamics of organizations, &amp; the interchange between organizations &amp; their Env., including the society as a whole. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 270</td>
<td>INTRODUCTION TO WORLD POPULATION</td>
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<td>Determinants &amp; consequences of population size &amp; growth. Changing levels of fertility, mortality, &amp; migration rates &amp; patterns &amp; their social &amp; economic implications. Examination of population policy in countries at various stages of economic development, e.g., international labor migration, China's one-child policy, U.S. immigration laws, euthanasia policy in the Netherl&amp;es, controversies over international aid for population regulation, influence of world religions on population policy. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<tr>
<td>SOC 275</td>
<td>SOCIOLOGY OF RELIGION</td>
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<td>(REL 275 &amp; SOC 275 are the same course.) A sociological approach to the study of religion, its institutional forms, aims, &amp; impact on society. Attention is given to the theories of the Soc. of religion &amp; to the interaction of religion &amp; the social, political, &amp; economic structures of society. Special emphasis is given to those religions which influence U.S. society. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<td>SOC 285</td>
<td>SOCIOLOGY OF HEALTH &amp; ILLNESS</td>
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<td>Sociological perspectives on health &amp; illness, with special attention to changes in patterns of illness &amp; death as they relate to broader socio-economic changes &amp; to changes in orientation &amp; organization of health care providers. Among major topics that the course covers are: competing theories of disease &amp; death trends; social circumstances under which epidemics emerge &amp; are curbed; public health &amp; medical center models of providing health care &amp; preventing disease, injury, &amp; death; organization of health care providers; comparisons among health systems. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS.</td>
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<td>SOC 291</td>
<td>SELECTED TOPICS IN SOCIOLOGY</td>
<td>1-3</td>
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<td>A specific topic in an instructor's area of special competence. When offered, the particular topic is indicated in the campus timetable.</td>
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Sociology (SOCIOLGY)

Courses

SOCIOLGY 200  INTRODUCTION TO PEACE AND SOCIAL JUSTICE  3 Units
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, GENED 130 OR GENED 140
CROSS-LISTED: PAX 200, POLISCI 200, SOCIOLGY

SOCIOLGY 240  PRINCIPLES OF SOCIOLOGY  3 Units
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.

SOCIOLGY 250  SOCIAL PROBLEMS  3 Units
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.

SOCIOLGY 252  INTRODUCTION TO FAMILY STUDIES  3 Units
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.

SOCIOLGY 255  SOCIOLOGY OF SCIENCE FICTION  3 Units
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.

SOCIOLGY 260  SOCIOLOGY OF HATE  3 Units
This course provides an overview of the sociological study of hate and prejudice using a variety of perspectives. Substantive topics include the nature of prejudice and stereotyping, hate crime, and hate groups. The course will end with an exploration and evaluation of methods for combating hate and its social manifestations.

SOCIOLGY 265  RACE AND ETHNIC RELATIONS  3 Units
This course examines relationships between racial minorities and the majority group in the United States in their socio-historical contexts. Early histories of relations between minorities and the majority as well as present relations will be addressed. Questions raised include whether American society should attempt to minimize differences between minorities and the majority, and whether to blend or maintain group identities.

SOCIOLGY 270  THE AFRICAN AMERICAN COMMUNITY: A SOCIOLOGICAL PERSPECTIVE  3 Units
This course provides lower level undergraduate students with systematic sociological understanding of the historical and current experiences of African American people.
CROSS-LISTED: AFRIAMR 270 AND SOCIOLGY 270

SOCIOLGY 276  INTRODUCTION TO CRIMINOLOGY  3 Units
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.
SOCIOLGY 285  ASIAN AMERICANS  3 Units
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.
PREREQ: GENED 130 AND GENED 120 OR GENED 140, OR SOPHOMORE STANDING

SOCIOLGY 291  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

SOCIOLGY 295  BASIC SOCIAL STATISTICS  3 Units
Introduction to basic statistical methods and their utility in sociology including statistical concepts, frequency distribution, measures of central tendency and variability, correlation analysis, OLS regression analysis, and including the logic of hypothesis testing. In addition, introduction to basic operations of SPSS statistical software in social data analysis.
PREREQ: SOCIOLGY 240 OR SOCIOLGY 276; GRADE OF C OR BETTER IN MATH 139 OR MATH 141

SOCIOLGY 302  CULTURE, MEDICINE AND HEALTH  3 Units
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 SOCIOLGY OR ANTHROPL
CROSS-LISTED: ASIANSTD 350 AND ANTHROPL 350

SOCIOLGY 310  SOCIOLGY OF HEALTH AND ILLNESS  3 Units
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 OF SOCIOLGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 315  SOCIOLGY OF DISABILITY  3 Units
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 SOCIOLGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 319  ENVIRONMENTAL SOCIOLOGY  3 Units
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 SOCIOLGY 250

SOCIOLGY 321  SOCIOLGY OF NATURAL DISASTERS  3 Units
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 loses and the loss of community. Agency and governmental response to disaster emergencies will also be considered. PREREQ: 3 CREDITS OF SOCIOLGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 337  SOCIOLOGY OF NEWS AND THE MASS MEDIA  3 Units
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 CREDITS OF SOCIOLOGY

SOCIOLGY 340  SOCIAL MOVEMENTS AND COLLECTIVE BEHAVIOR  3 Units
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: THREE CREDITS OF SOCIOLOGY

SOCIOLGY 342  SOCIOLOGY OF FAMILY AND WORK  3 Units
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 CREDITS OF SOCIOLOGY OR WOMENST 240

SOCIOLGY 344  RACE, ETHNICITY AND FILM  3 Units
This course will sociologically analyze racial and ethnic patterns in American films. We will discuss how decision-makers shape the public imagination. We will examine how race intersects with other identities in ways that lead to specific trends in Hollywood. We will highlight the relationship between media, culture and the economy.
PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR
CROSS-LISTED: SOCIOLOGY/RACEETH 344

SOCIOLGY 345  SOCIOLOGY OF GENDER  3 Units
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 CREDITS OF SOCIOLOGY

SOCIOLGY 347  GENDER AND FAMILY IN JAPAN  3 Units
This course will examine forms of masculinity, femininity, sexuality, and family in contemporary Japan, and their historical development. Students will learn how gender, sexuality, and family are historically and socially constructed, how they are recreated through social interaction, how power inequalities are embedded in gender and family relations, how these inequalities impact individuals (and vice versa).
PREREQ: 3 UNITS OF SOCIOLGY OR 3 UNITS OF ANTHROPOLOGY OR WOMENST 100 OR JAPANESE 101 OR CONSENT OF INSTRUCTOR

SOCIOLGY 350  CONTEMPORARY JAPANESE SOCIETY  3 Units
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.
PREREQ: GENED 130 AND GENED 140 OR GENED 120 CROSS-LISTED: ASIANSTD 350 AND ANTHROPL 350
SOCIOLGY 351   SOCIOLGY OF SOCIAL CLASS  3 Units
This course investigates social stratification: socioeconomic status (SES), the U.S. class structure, and related inequalities. We examine historical and contemporary trends in wealth and income gaps, economic shifts, government policies, and the “American dream” of social mobility, and we consider how SES intersects with other statuses, such as gender and race/ethnicity.
PREREQ: 3 UNITS OF SOCIOLOGY OR CONSENT OF INSTRUCTOR

SOCIOLGY 352   URBAN SOCIETY  3 Units
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 OR 3 UNITS OF ANTHROPOLOGY
CROSS-LISTED: SOCIOLGY 352 AND ANTHROPL 352

SOCIOLGY 353   SOCIOLGY OF RELIGION  3 Units
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: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: RELIGST 353 AND SOCIOLGY 353

SOCIOLGY 355   SOCIAL PSYCHOLOGY  3 Units
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: THREE CREDITS OF SOCIOLOGY

SOCIOLGY 356   POLITICAL SOCIOLOGY  3 Units
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 CREDITS IN SOCIOLOGY OR POLITICAL SCIENCE
CROSS-LISTED: POLISCI 356 AND SOCIOLGY 356

SOCIOLGY 358   CONTEMPORARY CHINESE SOCIETY  3 Units
This course is an overview of post-Mao Chinese society. It focuses on the institutional, demographic, cultural, economic, and political transformation in China since 1978. Included are changes in rural and urban social life, mass migration, changing family and gender relations, social and economic inequalities, ethnic and regional diversity, and rising social tensions.
PREREQ: 3 UNITS SOCIOLOGY OR ASIANSTD 210 OR GEOGRPY 364 OR HISTRY 385 OR POLISCI 472
CROSS-LISTED: SOCIOLOGY 358 AND ASIANSTD 358

SOCIOLGY 362   POPULATION STUDIES  3 Units
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: THREE CREDITS OF SOCIOLOGY

SOCIOLGY 365   SOCIOLOGY OF LAW  3 Units
An introduction to the interdependence of law and society through an analysis of legal concepts and organization from a sociological view.
PREREQ: THREE CREDITS OF SOCIOLOGY

SOCIOLGY 370   JUVENILE DELINQUENCY  3 Units
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

SOCIOLGY 371   SOCIOLGY OF VIOLENT CRIME  3 Units
This course will provide an in-depth look at homicide and other violent crimes as a social and legal category and at the social psychological variables that affect them. Various types of criminal violence 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

SOCIOLGY 372   WHITE-COLLAR CRIME: CORPORATE AND GOVERNMENTAL DEVIANCE  3 Units
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

SOCIOLGY 373   SOCIOLOGY OF TERRORISM  3 Units
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

SOCIOLGY 374   SOCIOLOGY OF POLICE AND COURTS  3 Units
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

SOCIOLGY 375   RESTORATIVE JUSTICE  3 Units
This course offers an overview of Restorative Justice including a consideration of definitions, cultural roots, theoretical orgins, key principles, models and practices, global conflicts and peaceful resolutions, controversial issues, and future directions. The course also provides a critical assessment of the potential of Restorative Justice as well as its limitations.
PREREQ: SOCIOLOGY 276 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: Pax 375 and Sociology 375

SOCIOLGY 377   SOCIOLOGY OF DRUGS AND CRIME  3 Units
This course examines the intersection of drugs and crime in society through the social constructionist perspective. It explores how believed truths and realities about drugs are often socially created, how laws and drug control has been constructed and maintained, how culture and history influence drugs and crime perceptions, and how norms, values and ideas concerning drugs are created and perpetuated.
PREREQ: SOCIOLOGY 276 OR CONSENT OF INSTRUCTOR

SOCIOLGY 378   SOCIOLOGY OF PUNISHMENT AND CORRECTIONS  3 Units
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

SOCIOLGY 379   WOMEN AND CRIME  3 Units
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.
PREREQ: WOMENST 100 OR SOCIOLOGY 276
SOCIOLGY 380  ORGANIZATIONS AND SOCIETY  3 Units
An examination of the growth and role of organizations in society with specific attention to American society.
PREREQ: THREE CREDITS OF SOCIOLGY

SOCIOLGY 385  SOCIOLOGY OF GLOBALIZATION  3 Units
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: THREE CREDITS OF SOCIOLGY

SOCIOLGY 388  THE HOLOCAUST: NAZI GERMANY AND THE GENOCIDE OF THE JEWS  3 Units
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: THREE CREDITS OF SOCIOLGY, HISTORY OR RELIGIOUS STUDIES.
CROSS-LISTED: RELIGST 388 AND SOCIOLGY 388

SOCIOLGY 391  RACE AND ETHNICITY IN COMPARATIVE PERSPECTIVE  3 Units
An examination of the circumstances under which racial and ethnic groups receive privileged or disadvantaged social locations. Particular consideration is given to theories of racial and ethnic inequality and the processes that form the structures of differential and unequal relations in society. A cross-national comparison of social construction of race and ethnicity will provide additional context of understanding patterns and theories of race and ethnic relations.
PREREQ: COMPLETION OF THE DIVERSITY REQUIREMENT OR CONSENT OF INSTRUCTOR

SOCIOLGY 392  AFRICAN AMERICAN FAMILIES  3 Units
This course will survey the historical development of the Afro-American Family from Africa to modern times. Significant events (e.g., the slave trade, slavery, and migration) will be scrutinized in order to ascertain their role in shaping the contemporary Black Family life. Other important social and economic forces will be illuminated to assess their impact. The latest body of literature models, paradigms, hypotheses, and statistical findings will be critically examined to enhance understanding of modern day Black Family premarital and marital relations, adaptive patterns, and dislocations. (Offered jointly with Afro-American Studies.)
PREREQ: 3 UNITS OF SOCIOLGY OR 3 UNITS OF AFRICAN AMERICAN STUDIES
CROSS-LISTED: AFRIAMR 392 AND SOCIOLGY 392

SOCIOLGY 393  RACE AND ETHNICITY BEYOND THE CLASSROOM  3 Units
This course offers an in-depth investigation of contemporary racial-ethnic issues through experiential learning. The course combines scholarly readings, lectures, and discussions with hands-on assignments that occur "beyond the classroom," such as field trips, research, online engagement, service learning, or community-based projects.
PREREQ: 3 UNITS OF SOCIOLGY OR SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

SOCIOLGY 394  MINORITY AND MULTIRACIAL FAMILIES  3 Units
This course will examine the "traditional" definition of family throughout American history as well as how more and more families challenge this definition. We will discuss how political, economic and social factors have shaped the experiences, structure and dynamics of families; and we will analyze trends in family formation patterns. (Offered jointly with Race and Ethnic Studies).
PREREQ: COMPLETION OF THE UNIVERSITY U.S. RACIAL/ETHNIC DIVERSITY REQUIREMENT OR 3 CREDITS OF SOCIOLGY
CROSS-LISTED: RACEETH 394 AND SOCIOLGY 394

SOCIOLGY 420  ANTHROPOLOGICAL THEORY  3 Units
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 UNITS OF ANTHROPOLOGY OR 6 UNITS OF SOCIOLGY
UNREQ: ANTHRO/SOCIOL 420,SOCIOLGY 473

SOCIOLGY 426  MINORITIES & THE CRIMINAL JUSTICE SYSTEM  3 Units
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 240 OR CONSENT OF INSTRUCTOR

SOCIOLGY 428  POVERTY, HEALTH, AND CRIME  3 Units
This course examines poverty and related forms of socioeconomic disadvantage as they impact individuals, families, and communities. Students will develop a sociological understanding of poverty, in order to understand how it may lead to poor health outcomes and criminal offending. Students will additionally investigate how crime and its penal consequences (e.g., incarceration) may generate poverty and negatively affect public health.
PREREQ: GRADE OF C OR BETTER IN (SOCIOLGY 240 OR SOCIOLOGY 276) OR CONSENT OF INSTRUCTOR

SOCIOLGY 472  CRIMIN喧COLOGICAL THEORY  3 Units
This course is an in-depth investigation of criminological theories with an emphasis on sociological criminology. Students will compare-contrast the assumptions, principles and concepts of major theories, examine empirical research relevant to the theories, and consider the policy applications of theoretical perspectives.
PREREQ: SOCIOLGY 276 WITH GRADE OF C OR HIGHER

SOCIOLGY 473  SOCIAL THEORY: CLASSICAL AND CONTEMPORARY PERSPECTIVES  3 Units
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: (SOCIOLGY 240 OR SOCIOLOGY 276) AND 3 ADDITIONAL UNITS OF SOCIOLOGY, OR CONSENT OF INSTRUCTOR
SOCIOLOGY 476 METHODS OF SOCIAL RESEARCH  3 Units
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: SOCIOLOGY 240 OR SOCIOLOGY 276

SOCIOLOGY 482 SUPERVISED TEACHING AIDE Repeatable  2 Units
This course provides selected undergraduates with teaching experience in a college classroom. Students learn from a teaching aide experience in which the student assists an instructor in preparing, delivering, and overseeing lab, review or discussion sessions or by tutoring students. The student will attend the class sessions for a second time, meet weekly with the instructor, and is under the direct supervision of a faculty mentor.
PREREQ: JUNIOR STANDING, CONSENT OF INSTRUCTOR, AND GRADE OF B OR HIGHER IN ASSIGNED COURSE
CROSS-LISTED: ANTHROPL 482 AND SOCIOLOGY 482

SOCIOLOGY 490 WORKSHOP Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable.

SOCIOLOGY 491 TRAVEL STUDY Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad. Repeatable.

SOCIOLOGY 492 FIELD STUDY Repeatable  1-6 Units
Variable topics.

SOCIOLOGY 493 APPLIED SOCIOLOGY Repeatable  1-12 Units
This course involves a supervised internship in a public or private organization. Through on campus seminars and written assignments on the intern experience, students learn how sociology can be applied to solve social problems. Repeatable for a maximum of 6 credits in degree.

SOCIOLOGY 494 SEMINAR IN SOCIOLOGY Repeatable  3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable.
PREREQ: SOCIOLOGY 476 OR CONSENT OF DEPARTMENT. COREQ: SOCIOLOGY 473 OR SOCIOLOGY 420

SOCIOLOGY 496 SPECIAL STUDIES Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: SIX CREDITS IN SOCIOLOGY OR CONSENT OF INSTRUCTOR

SOCIOLOGY 497 EXCHANGE STUDY Repeatable  1-12 Units
Variable topics.

SOCIOLOGY 498 INDEPENDENT STUDY Repeatable  1-3 Units
Repeatable, in combination with SOCIOLOGY 498R, for a maximum of 6 units in major or minor, and 12 units in degree. Cannot substitute for SOCIOLOGY 476 or SOCIOLOGY 473 or SOCIOLOGY 472. Cannot use S/NC grading.
PREREQ: 6 UNITS IN SOCIOLOGY OR CRIMINOLOGY, AND JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR

SOCIOLOGY 498R INDEPENDENT STUDY- UNDERGRADUATE RESEARCH Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.

SOCIOLOGY 499 SENIOR HONORS THESIS Repeatable  2 Units
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.
PREREQ: SENIOR STANDING AND COMPLETION OF SOCIOLOGY 473 AND SOCIOLOGY 476

Spanish (SPA) - Rock County

Courses
SPA 100 SPANISH LANGUAGE THROUGH CULTURE  3 Units
An Intro to the Spanish language that focuses as much on the cultural aspects of the language as on the language itself. Students can expect to learn basic elements of vocabulary & structure while learning about the people who speak the language in the US & around the world.

SPA 101 FIRST SEMESTER SPANISH  4 Units
For students who have had no previous training in the language. Emphasis on reading, writing, listening, & speaking in Spanish. Classes also may include cultural studies of Spain & Latin America. Field trip may be required.

SPA 102 SECOND SEMESTER SPANISH  4 Units
Continuation of SPA 101 or SPA 104. Field trip may be required.
PREREQ: SPA 101 OR SPA 104 OR CONSENT OF INSTRUCTOR

SPA 103 FIRST SEMESTER SPANISH--PART II  2 Units
For students who have had no previous training in the language. This course is the first module of a two-part Introductory sequence. Emphasis on reading, writing, listening, & speaking in Spanish. Classes may include cultural studies of Spain & Latin America. Field trip may be required. (This course in combination with SPA 104 is equivalent to SPA 101).

SPA 104 FIRST SEMESTER SPANISH--PART II  2 Units
Continuation of SPA 103 & second module of a two-part Introductory sequence. Field trip may be required. (This course in combination with SPA 103 is equivalent to SPA 101.)
PREREQ: SPA 103 OR CONSENT OF INSTRUCTOR

SPA 105 SECOND SEMESTER SPANISH  4 Units
Continuation of SPA 101 or SPA 104. This is the first module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with SPA 107 is equivalent to SPA 105.)
PREREQ: SPA 101 OR SPA 104 OR CONSENT OF INSTRUCTOR

SPA 106 SECOND SEMESTER SPANISH--PART II  2 Units
Continuation of SPA 106 & second module of a two-part second-Sem. sequence. Field trip may be required. (This course in combination with SPA 106 is equivalent to SPA 105.)
PREREQ: SPA 106 OR CONSENT OF INSTRUCTOR

SPA 118 PRACTICAL SPOKEN SPANISH  1-4 Units
Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses. May be taken more than once for credit if content changes.
PREREQ: CONSENT OF INSTRUCTOR

SPA 201 THIRD SEMESTER SPANISH  4 Units
Reviews grammar taught during first two Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required.
PREREQ: SPA 105 OR SPA 107 OR CONSENT OF INSTRUCTOR
SPA 202  FOURTH SEMESTER SPANISH  4 Units
Continuation of SPA 201 or SPA 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in Spanish. Field trip may be required.
PREREQ: SPA 201 OR SPA 204 OR CONSENT OF INSTRUCTOR

SPA 203  THIRD SEMESTER SPANISH--PART I  2 Units
This course is the first module of a two-part third-Sem. sequence. Reviews grammar taught during the first two (or four) Sem.s while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening, & speaking) are practiced, & continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. (This course in combination with SPA 204 is equivalent to SPA 201.)
PREREQ: SPA 105 OR SPA 107 OR CONSENT OF INSTRUCTOR

SPA 204  THIRD SEMESTER SPANISH--PART II  2 Units
Continuation of SPA 203 & second module of a two-part third-Sem. sequence. Field trip may be required. (This course in combination with SPA 203 is equivalent to SPA 201.)
PREREQ: SPA 203 OR CONSENT OF INSTRUCTOR

SPA 206  FOURTH SEMESTER SPANISH--PART I  2 Units
Continuation of SPA 201 or SPA 204. This is the first module of a two-part fourth-Sem. sequence. Reading, writing, audio/oral practice, cultural insights based on literary texts in Spanish. Field trip may be required. (This course in combination with SPA 207 is equivalent to SPA 205.)
PREREQ: SPA 201 OR SPA 204 OR CONSENT OF INSTRUCTOR

SPA 207  FOURTH SEMESTER SPANISH--PART II  2 Units
Continuation of SPA 206 & second module of a two-part fourth-Sem. sequence. Field trip may be required. (This course in combination with SPA 206 is equivalent to SPA 205.)
PREREQ: SPA 206 OR CONSENT OF INSTRUCTOR

SPA 215  ELEMENTARY CONVERSATION AND COMPOSITION  1-2 Units
May be taken concurrently with SPA 201 or by itself. Stresses practical application of theory learned in four-credit courses. Written & audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit.
PREREQ: SPA 215 OR CONSENT OF INSTRUCTOR

SPA 216  ELEMENTARY CONVERSION AND COMPOSITION  1-2 Units
May be taken concurrently with SPA 205. Carries no retroactive credit.
PREREQ: SPA 215 OR CONSENT OF INSTRUCTOR

SPA 219  SPANISH FOR BUSINESS  3 Units
Designed to acquaint the student with the vocabulary & practices of the business community. Oral & written practice in the preparation of letters & forms. Carries no retroactive credit for work completed in high school.
PREREQ: SPA 219 OR CONSENT OF INSTRUCTOR

SPA 220  SPANISH FOR THE HEALTHCARE PROFESSIONS  4 Units
The course is designed for Int. students of the Spanish language majoring in the health professions such as physicians, physician assistants, nurse practitioners, nurses, dentists, pharmacists, social workers, physical therapists, health educators, Nut.ists, etc.. The primary purposes are to improve Spanish language skills with emphasis on medical terminology & to explore Latino culture in the U.S.. The class will allow students to appreciate how personal attitudes & beliefs affect the client/health care provider.
PREREQ: SPA 101 OR SPA 104 OR EQUIVALENT

SPA 221  INTRODUCTORY SURVEY OF THE PENINSULAR LITERATURE, EIGHTEENTH TO TWENTIETH CENTURIES  3 Units
Modern masterpieces in fiction, drama, poetry, & essay. Lectures in literary history & criticism, exercises in interpretation, Comp.s, oral presentations, & class discussions in Spanish.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

SPA 222  INTRODUCTORY SURVEY OF PENINSULAR LITERATURE, TWELFTH TO SEVENTEENTH CENTURIES  3 Units
Masterpieces in fiction, drama, poetry, & essay from the medieval period through the Golden Age. Lectures in literary history & criticism, exercises in interpretation, Comp.s, oral presentations, & class discussions in Spanish.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

SPA 225  CONVERSATION AND COMPOSITION  3 Units
Development of written & oral proficiency through systematic exposure to modern cultural developments as found in a variety of contemporary texts. Discussion & Comp. exercises deal with cultural topics Introduced by original authors.
PREREQ: SPA 205 OR SPA 207 OR CONSENT OF INSTRUCTOR

SPA 226  CONVERSATION AND COMPOSITION  3 Units
Continuation of SPA 225.
PREREQ: SPA 225 OR CONSENT OF INSTRUCTOR

SPA 227  SPANISH FOR SPANISH SPEAKERS  3 Units
This course emphasizes the development of Spanish-speaking students? ability to use Spanish in a variety of contexts, with a focus on formal speaking & writing. Students will engage in a formal study of the language including appropriate spelling (including the use of accents), development of a more sophisticated vocabulary, verb morphology, syntax & other linguistic topics. Students will study the linguistic & cultural history of the language & the people who speak it in the U.S. & in other countries where Spanish is spoken. Course is taught exclusively in Spanish.
PREREQ: SPANISH HERITAGE SPEAKER OR CONSENT OF INSTRUCTOR

SPA 235  SPANISH CULTURE AND CIVILIZATION  3 Units
Lectures & readings in English on the art, music, architecture, politics, Eco., & history of Spain. No knowledge of Spanish required. No foreign language credit.

SPA 236  THE CULTURE AND CIVILIZATION OF LATIN AMERICA  1-3 Units
Lectures & readings in English on the art, music, architecture, history, & politics, as well as the social & economic problems of Latin-American countries from pre-Columbian times to the present. Latin Americans in the U.S. & their relationship with Latin America will be examined. No knowledge of Spanish required. No foreign language credit.

SPA 237  LATINO LITERATURE  3 Units
Lectures & readings in English of novels, plays, & poetry written by Chicano & other Latino authors in the U.S. Focuses on cultural differences & alternatives in order to lead students to question previous stereotypes & to come to a new understanding of Latino minorities in this country. No knowledge of Spanish required.

SPA 247  LATIN AMERICAN AND LATINA WOMEN  3 Units
SPA 247 & GSW 247 are the same course.) This course will examine the lives & literary works of Latin American & Latina women within Latin American society & in the U.S. Particular attention will be given to the roles assigned to these women by patriarchal cultures & to the stereotypes that have influenced their lives. This course will examine how Latin American & Latina women have resisted race, class & gender oppression. The complex relationships among these factors & ethnicity will be examined through the analysis of a variety of primary texts, films, & scholarly articles. The course will be taught in English.
Spanish (SPANISH)

Courses

**SPANISH 141** BEGINNING SPANISH I 4 Units
An elementary course with oral emphasis. Grammar, reading, writing, conversation.

**SPANISH 142** BEGINNING SPANISH II 4 Units
Continuation of SPANISH 141.
PREREQ: SPANISH 141 OR EQUIVALENT

**SPANISH 251** INTERMEDIATE SPANISH I 4 Units
Grammar review, reading, oral and written exercises. Conversation.
PREREQ: SPANISH 142 OR EQUIVALENT

**SPANISH 252** INTERMEDIATE SPANISH II 4 Units
Continuation of SPANISH 251. Grammar review, reading, oral and written exercises. Conversation.
PREREQ: SPANISH 251 OR EQUIVALENT

**SPANISH 291** TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

**SPANISH 310** SPANISH PHONETICS 3 Units
A study of the elements of speech sounds, the application of sounds to understanding and speaking, with emphasis on oral practice.
PREREQ: SPANISH 252 OR CONSENT OF INSTRUCTOR

**SPANISH 320** SPANISH FOR SPANISH SPEAKERS 3 Units
The course presents students the opportunity to achieve a clear grasp of formal Spanish as well as comprehension of the origins, development, and richness of Spanish and the peoples that speak it. It also offers a culturally contextualized, structured forum for the exploration of topics pertaining to the linguistic and cultural identity of Spanish speakers in the United States.

**SPANISH 321** ADVANCED SPANISH LANGUAGE STUDY I 3 Units
A thorough study of the structure of the language. Practical application through conversation and composition.
PREREQ: SPANISH 252 OR CONSENT OF INSTRUCTOR

**SPANISH 322** ADVANCED SPANISH LANGUAGE STUDY II 3 Units
Continuation of SPANISH 321.
PREREQ: SPANISH 321 OR SPANISH 320 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

**SPANISH 331** INTRODUCTION TO THE LITERATURE OF SPAIN I 3 Units
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

**SPANISH 332** INTRODUCTION TO THE LITERATURE OF SPAIN II 3 Units
Introductory-level study of representative 20th Century literary texts of Spain. Emphasis on vocabulary acquisition.
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

**SPANISH 333** INTRODUCTION TO THE LITERATURE OF LATIN AMERICA I 3 Units
Introductory-level study of representative 19th and 20th Century literary texts of Latin America with an emphasis on vocabulary acquisition.
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

**SPANISH 334** INTRODUCTION TO THE LITERATURE OF LATIN AMERICA II 3 Units
Introductory-level study of representative 20th Century literary texts of Latin America with emphasis on vocabulary acquisition.
PREREQ: (SPANISH 321 AND SPANISH 322) OR SPANISH 320 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

**SPANISH 350** SPANISH CIVILIZATION 3 Units
Study of the political, social, intellectual, artistic and literary development of Spain and Hispanic areas from remote times to the present day.
PREREQ: SIX CREDITS OF 300 LEVEL SPANISH OR CONSENT OF INSTRUCTOR

**SPANISH 360** SPANISH AMERICAN CIVILIZATION 3 Units
An introduction to the geography, history, literature, sociology, economics and political life of Spanish America.
PREREQ: SIX CREDITS OF 300 LEVEL SPANISH OR CONSENT OF INSTRUCTOR

**SPANISH 370** SPANISH FOR BUSINESS 3 Units
A course for those students who plan to use or may need to use their proficiency in Spanish in a business career. This course provides an introduction to concepts and terminology associated with doing business in Spanish-speaking countries or with the Hispanic community in this country; affords practice in employing those concepts and terminology in the oral, reading and writing skills; and offers a brief overview of the culture and structure of the Hispanic business world.
PREREQ: SIX CREDITS OF 300 OR 400 LEVEL SPANISH COURSES OR CONSENT OF INSTRUCTOR

**SPANISH 371** SPANISH FOR HEALTH PROFESSIONS 3 Units
This course is a Spanish language course geared toward individuals studying or working in health-related areas. The course is devoted to the study of medical Spanish terminology and the cultural issues related to successful interactions with Spanish-speaking patients and their families in the clinical encounter. It will introduce the student to a wide array of vocabulary particular to the medical field, as well as help the student develop a cultural understanding of medicine and illness in the Spanish-speaking world to prepare for potential work with Spanish-speaking patients in future careers in medicine, nursing, social work, translation/interpretation, or mental health settings.
PREREQ: SPANISH 321 AND SPANISH 322 OR SPANISH 320
SPANISH 372  INTRODUCTION TO LEGAL SPANISH & THE HISPANIC COMMUNITY  3 Units
This course reinforces the student’s Spanish skills while focusing on many different aspects of working with the Hispanic community that relate to the law. The class will cover a broad mix of legal contexts, while building the student’s practical legal terminology and written oral communication skills. In addition, emphasis will be placed on cultural issues that may affect successful interaction with Spanish-speaking individuals and families faced with matters concerning the law. PREREQ: SPANISH 321 AND SPANISH 322 OR SPANISH 320

SPANISH 390  SPANISH CONVERSATION  Repeatable  1 Units
Designed to maintain and increase oral fluency in Spanish. Emphasis on spontaneous use of the language. Repeatable five times for a maximum of 6 credits in major/degree. PREREQ: SIX CREDITS OF 300 LEVEL SPANISH OR CONSENT OF INSTRUCTOR

SPANISH 451  SURVEY OF SPANISH LITERATURE  3 Units
General history of Spanish literature from its beginning to the end of the eighteenth century. Reading of representative works of each genre. PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN LITERATURE CLASS

SPANISH 452  SURVEY OF SPANISH LITERATURE  3 Units
General history of Spanish literature from the end of the eighteenth century to the present day. Reading of representative works of each genre. PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN LITERATURE CLASS

SPANISH 453  SURVEY OF SPANISH AMERICAN LITERATURE  3 Units
General survey of main developments, works and authors of the literature from the discovery of the New World until 1888. PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN LITERATURE CLASS

SPANISH 454  SURVEY OF SPANISH AMERICAN LITERATURE  3 Units
General survey of main developments, works and authors of the literature from 1888 until the present time. PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN LITERATURE CLASS

SPANISH 481  SPANISH CLASSICS  Repeatable  3 Units
Topics alternate: 1) Don Quixote, 2) Golden Age drama, 3) Golden Age prose. Repeatable with change of topic. PREREQ: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN LITERATURE CLASS

SPANISH 483  CONTEMPORARY SPANISH AMERICAN NARRATIVE  3 Units
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: NINE CREDITS OF 300 LEVEL SPANISH, THREE OF WHICH MUST BE FROM A SPANISH LITERATURE OR A SPANISH AMERICAN LITERATURE CLASS

SPANISH 484  WOMEN WRITERS OF SPAIN AND THE AMERICAS  3 Units
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  WORKSHOP  1-3 Units
Variable topics. Group activity oriented presentations emphasizing “hands on” and participatory instructional techniques. Repeatable

SPANISH 491  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.

SPANISH 493  INTERNSHIP IN SPANISH  Repeatable  1-3 Units
Internships are available in business, government or social service agencies for suitably prepared students wishing to pursue a career that involves foreign languages. Repeatable. Satisfactory/No Credit Grade Basis Only. PREREQ: SIX CREDITS OF 300 OR 400 LEVEL SPANISH COURSES OR CONSENT OF INSTRUCTOR

SPANISH 494  SEMINAR  Repeatable  1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable one time.

SPANISH 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

SPANISH 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics. Repeatable.

SPANISH 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. PREREQ: MAJOR OR MINOR IN SPANISH

SPANISH 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree.

SPANISH 499  SPANISH THESIS  1-3 Units
PREREQ: JUNIOR OR SENIOR STATUS, OPEN ONLY TO SPANISH MAJORS

Special Education (SPECED)

Courses

SPECED 201  DISABILITY, RACE, & ETHNICITY IN SOCIETY  3 Units
The course addresses the perspectives and social construction of disability in underrepresented groups (e.g., African Americans, Latina). The course focuses on the intersection of political, racial, and cultural context of disability. Particular attention is given to perceptions of access to resources pertaining to underrepresented groups. Strategies to promote access, authentic and more equitable and responsive services are discussed.
SPECE 205 INTRODUCTION TO SPECIAL EDUCATION  3 Units
A survey course designed to familiarize students with the psychological, physiological and educational problems that confront persons with intellectual disabilities, gifts and talents, emotional or behavioral disorders, speech impairments, auditory impairments, visual impairments, and orthopedic and neurological impairments.

SPECE 290 WORKSHOP  1-3 Units

SPECE 321 CHARACTERISTICS OF AND INTERVENTIONS FOR EBD  3 Units
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: (1) SPECE 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A EMPHASIS

SPECE 322 CHARACTERISTICS AND INTERVENTIONS FOR INTELLECTUAL DISABILITIES  3 Units
This course is designed to introduce students to the field of intellectual disabilities. Students will be presented with information on the causes and characteristics; eligibility requirements; current cultural and historical views of intellectual disabilities; and social emotional, medical, physical, educational, and life-span considerations for individuals with intellectual disabilities.
PREREQ: (1) SPECE 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A EMPHASIS

SPECE 325 CHARACTERISTICS AND INTERVENTIONS FOR LEARNING DISABILITIES  3 Units
This course provides an examination of the field of learning disabilities. Emphasis on the concept of learning disabilities, etiology, diagnosis, characteristics, teaching strategies, theory, historical influences, and current trends. Eligibility and models of service delivery will also be examined.
PREREQ: (1) SPECE 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A EMPHASIS

SPECE 326 INTRODUCTION TO INDIVIDUALIZED DIAGNOSTIC ASSESSMENT OF EEN  3 Units
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: SPECE 205 AND ADMISSION TO PROFESSIONAL EDUCATION

SPECE 360 BEHAVIOR MANAGEMENT FOR THE INCLUSIVE CLASSROOMS  3 Units
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: ADMISSION TO PROFESSIONAL EDUCATION, SPECE 205

SPECE 361 INCLUSIVE METHODS OF INSTRUCTION  3 Units
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: SPECE 321, 322, AND 325 AND ADM PROF ED OR MINOR AND ADM PROF ED COREQ: SPECFLD 385 OR SPECE MINOR AND ADM PROF ED

SPECE 365 EVIDENCE BASED EARLY INTERVENTION FOR INFANTS AND TODDLERS  2 Units
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: EARLY CHILDHOOD MAJOR AND ADMISSION TO PROFESSIONAL EDUCATION OR CONSENT OF INSTRUCTOR

SPECE 376 MEDICAL ASPECTS OF DISABILITY  3 Units
This course focuses on the study of the medical, physiological, neurological, physical, developmental, and sensory characteristics of persons who experience conditions which impact educational goals and programming. Emphasis areas include the etiology, development, and life experiences of children for whom families and professionals provide individualized care and education. Pre-, peri-, and post-natal conditions affecting human development are discussed.
PREREQ: SPECE 205 (OR EQUIVALENT COURSE) OR EARLY CHILDHOOD EDUCATION MAJOR OR CONSENT OF INSTRUCTOR

SPECE 406 TRANSITION PROGRAMMING FOR STUDENTS WITH DISABILITIES  3 Units
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: SPECE 321, SPECE 322, SPECE 325, AND ADMISSION TO PROFESSIONAL EDUCATION (FOR MAJORS) OR CONSENT OF INSTRUCTOR (FOR NON-MAJORS)

SPECE 440 ADVANCED BEHAVIOR INTERVENTION STRATEGIES  3 Units
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: SPECE 321, 326, 360, SPECFLD 410, AND ADMISSION TO PROFESSIONAL EDUCATION COREQ: (SPECFLD 485A) OR (SPECFLD 485B AND 485C)
SPECED 458 COLLABORATION FOR EFFECTIVE INSTRUCTION  3 Units
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: SPECED MAJOR, SPECED 205, SPECED 361, SPECED 326, SPECED 466, SPECFLD 385 AND ADM PROF ED; COREQ: SPECFLD 410; OR SPECED MINOR, SPECED 205, SPECED 361, SPECED 326, SPECED 466, SPECFLD 385, ADM PROF ED; COREQ: SPECFLD 410

SPECED 461 STANDARDIZED ASSESSMENT FOR DIVERSE LEARNERS  3 Units
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: RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION AND EARLY CHILDHOOD EDUCATION PROGRAM

SPECED 462 EDUCATIONAL-DIAGNOSIS AND ASSESSMENT IN LD, E/BD, ID  3 Units
A course designed to develop advanced diagnostic skills for elementary/secondary students with mild/moderate disabilities (LD, E/BD, ID). 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/trends are discussed. PREREQ: SPECED 326, RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SPECED 465 CURRICULUM AND METHODS FOR INTELLECTUAL DISABILITIES - FUNCTIONAL  3 Units
This course covers content for persons who will work with individuals who have moderate and/or severe disabilities. It 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 is on all aspects of functional programs across home, school, community and vocational environments. PREREQ: SPECED 205, SPECED 322, SPECED 326 AND ADMISSION TO PROFESSIONAL EDUCATION

SPECED 466 WORKING WITH PARENTS OF EXCEPTIONAL CHILDREN & COMMUNITY AGENCIES  3 Units
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: (1) SPECED 205 AND (2) SPECIAL EDUCATION MAJOR, SPECIAL EDUCATION MINOR, OR PHYSICAL EDUCATION EC-A EMPHASIS

SPECED 473 PHASE 3 (edTPA Gateway) PORTFOLIO  3 Units
This course assists undergraduate teacher candidates with development of phase 3/edTPA gateway portfolio. Artifacts are constructed after teacher candidates have completed two field placements. The artifacts demonstrate competencies in the Council for Exceptional Children (CEC) and Wisconsin Teaching Standard (WTS). PREREQ: SPECED 458; SPECFLD 410; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SPECED 475 LEGAL COMPLIANCE IN SPECIAL EDUCATION  3 Units
Students will review laws governing the education of students with disabilities, learn specifics of individualized education program compliance and practice program writing and development that meet both the letter and intent of federal and state law. Students will also explore common areas of noncompliance and learn strategies to prevent noncompliance. PREREQ: SPECED 458; SPECFLD 410; RESTRICTED TO STUDENTS WITH PROFESSIONAL ED ADMISSION

SPECED 476 CURRICULUM/METHODS/MATERIALS FOR THOSE WITH MULTIPLE DISABILITIES  3 Units
For persons interested in acquiring specialized techniques and strategies in the care, instruction, programming, and management of individuals with physical, motor, medical, intellectual, 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: EARLY CHILDHOOD MAJOR AND ADMISSION TO PROFESSIONAL EDUCATION OR CONSENT OF INSTRUCTOR

SPECED 480 DIRECTED TEACHING/INTERNSHIP PRACTICA AND PHASE 4 SEMINAR  3 Units
The focus of this course is to support undergraduate and graduate teacher candidates to use formal and informal assessments, apply evidence-based practices in instruction, behavior management, working with families and community agencies in special education, gain firsthand experiences with diverse learners with disabilities, experience the different types and levels of service delivery models in different emphasis areas across the special education continuum, and reflect on how, when, and why specific evidence-based practices are implemented in public school and alternative school settings. Teacher candidates will explore respective roles and responsibilities of all student teaching personnel. Attention is also given to the recognition and application of skills and activities fundamental to the development of effective teachers. Teacher candidates will complete all special education department requirements including the Educator Teacher Performance Assessment (edTPA), unit plans, an IER FBA, and BIP along with online reflection journal submissions. PREREQ: PRAXIS II, NO ‘I’S OR C OR LOWER IN SPECED/SPECFLD COURSES, 2.75 GPA; COREQ: SPECFLD 489A, SPECFLD 489D OR SPECFLD 489B, SPECFLD 489C, SPECFLD 489D

SPECED 486 ACADEMIC INTERVENTION I  3 Units
The course addresses phonemic awareness, phonics, advanced word reading, and reading fluency for students who struggle to read and have disabilities. Through using research validated strategies in phonemic awareness, decoding, fluency, spelling, and handwriting, the processes and skills children and adolescents use to read fluently are examined as well as similarities and differences in reading instruction in special/general education. PREREQ: SPECED 321, SPECED 322, SPECED 325, AND ADMISSION TO PROFESSIONAL EDUCATION
SPECED 487 ACADEMIC INTERVENTION II 3 Units
This course addresses reading and writing instruction across the curriculum and interventions. The processes and skills children and adolescents engage in to develop vocabulary, comprehend text, and compose quality written work are examined. Specifically the difficulties encountered by students with language and learning differences are reviewed and research providing “best practices” in teaching vocabulary, comprehension and writing as tools for literacy development will be emphasized. Student will develop skills for teachin reading/writing vocabulary, reading comprehension, and writing process/products and explore technology that supports instruction. Students will master instructional strategies for reading comprehension, vocabulary knowledge, and the development and fluency skills involved in written composition.
PREREQ: SPECED 486 OR SPECED 686 AND ADMISSION TO PROFESSIONAL ED

SPECED 490 WORKSHOP Repeatable 1-10 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques.

SPECED 494 SEMINAR - SPECIAL EDUCATION Repeatable 1-3 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member.

SPECED 496 SPECIAL STUDIES Repeatable 1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.
PREREQ: SPECED 205 OR CONSENT OF INSTRUCTOR

SPECED 497 EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

SPECED 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

Special Education Field (SPECFLD)

Courses

SPECFLD 385 CROSS CATEGORICAL FIELD WORK 2 Units
This field experience provides all students with the opportunity to observe and participate with classrooms for children within the specialization area of cross-catagorical educational needs with intellectual disabilities, emotional/behavioral disorders and learning disabilities.
PREREQ: SPECED MAJOR; SPECED 321, SPECED 322, SPECED 325, AND ADMISSION TO PROFESSIONAL EDUCATION. SPECED MINOR: SPECED 325 AND ADMISSION TO PROFESSIONAL EDUCATION COREQ: SPECED 361 (MAJOR)

SPECFLD 410 GENERAL EDUCATION FIELD EXPERIENCES 2 Units
This field experience provides students with experience in a general education classroom where inclusionary practices for individuals with special needs are applied including 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: SPECED MAJOR AND SPECED 361 AND SPECED 385 AND ADMISSION TO PROFESSIONAL EDUCATION, OR SPECED MINOR AND SPECED 361 AND ADMISSION TO PROFESSIONAL EDUCATION COREQ: SPECED 458 AND ADMISSION TO PROFESSIONAL EDUCATION

SPECFLD 485A SPECIALIZATION FIELD WORK - INTELLECTUAL DISABILITIES 2 Units
This field experience provides the opportunity to work with students who have intellectual disabilities.
PREREQ: SPECFLD 385, 410, AND ADMISSION TO PROFESSIONAL ED COREQ: SPECED 440 AND 473

SPECFLD 485B SPECIALIZATION FIELD WORK - LEARNING DISABILITY 1 Units
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 361, SPECFLD 385, 410 AND ADMISSION TO PROFESSIONAL ED; COREQ: SPECED 440, 473, AND SPECFLD 485C

SPECFLD 485C SPECIALIZATION FIELD WORK - EMOTIONAL/BEHAVIORAL DISORDERS 1 Units
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 361, SPECFLD 385, 410, AND ADMISSION TO PROFESSIONAL ED; COREQ: SPECED 440, 473, AND SPECFLD 485B

SPECFLD 489A DIRECTED TEACHING SPECIAL EDUCATION - INTELLECTUAL DISABILITIES 6 Units
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, NO INCOMPLETES OR GRADES LOWER THAN C IN MAJOR OR LICENSURE COURSES, 2.75 GPA COREQ: SPECFLD 4890, SPECED 480

SPECFLD 489B DIRECTED TEACHING SPECIAL EDUCATION - LEARNING DISABILITY 3 Units
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 BELOW C IN SPECED OR SPECFLD COURSES, 2.75 GPA COREQ: SPECFLD 489C, SPECFLD 489D, SPECED 480

SPECFLD 489C DIRECTED TEACHING SPECIAL EDUCATION - EMOTIONAL/BEHAVIORAL DISORDERS 3 Units
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 BELOW C IN SPECED OR SPECFLD COURSES, 2.75 GPA; COREQ: SPECFLD 489C, SPECFLD 489D, SPECED 480

SPECFLD 489D DIRECTED TEACHING SPECIAL EDUCATION - CROSS CATEGORICAL 5 Units
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 BELOW C IN SPECED OR SPECFLD COURSES, 2.75 GPA; COREQ: SPECFLD 489A, SPECED 480 OR 489B, SPECEL 489C, SPECED 480

SPECFLD 498 INDEPENDENT STUDY Repeatable 1-3 Units
Study Abroad (STDYABRD)

Courses
STDYABRD 497 EXCHANGE STUDY Repeatable 1 Units
Variable topics

Theatre (THEATRE)

Courses
THEATRE 100 THEATRE APPRECIATION 2 Units
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.

THEATRE 110 INTRODUCTION TO THEATRE 4 Units
An exploration of the fundamental theories and practices of theatre art, including performance, design, and stage management. An introduction to theatre history will provide social and cultural context. Forty hours of lab participation in technical theatre (primarily stagecraft and costume) are required. Offered each Fall.

THEATRE 120 INTRODUCTION TO ACTING 3 Units
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 AND THEATRE MAJOR/MINOR OR CONSENT OF INSTRUCTOR

THEATRE 166 Introduction to Creative Enterprise 3 Units
Students will be introduced to successful creative entrepreneurship and the definition of creative enterprise in its many forms. They will consider what success means to them and practice visioning, goal setting and planning. Students will learn key entrepreneurial concepts through lectures, experiential learning and interaction with successful arts/creative entrepreneurs.
CROSS-LISTED: ACINDP/THEATRE 166

THEATRE 200 THEATRE ACTIVITIES PRACTICUM Repeatable 1-2 Units
Recommended for the student who has an avocational interest in theatre and/or who wishes to experience the various aspects of theatre production as a breadth elective in the arts. Students may choose involvement in one or more areas of department-produced or student-produced plays, including performing, house management and promotions, scenery and costume construction, lighting, sound, and production crews.
PREREQ: THEATRE 100 OR THEATRE 110 OR GENED 110. NOT OPEN TO THEATRE MAJORS OR MINORS

THEATRE 201 PRACTICUM - ACTING Repeatable 0.5-2 Units
Participation as an actor in a University Theatre production. Students are expected to assist in costume and scenery construction. In general, 40 hours of participation per half credit are expected.
PREREQ: AUDITION AND CAST IN ROLE

THEATRE 202 PRACTICUM - DIRECTING Repeatable 0.5-2 Units
Participation as an Assistant Director, Production Stage Manager, Assistant Stage Manager or Dramaturg in a department-approved production. 40 hours of participation per half credit is required.

THEATRE 203 PRACTICUM - SOUND Repeatable 0.5-2 Units
Participation in department-approved productions as Sound Operator and/or Sound Designer/Engineer for productions requiring basic sound. 40 hours of participation per half credit is required.

THEATRE 204 PRACTICUM - STAGECRAFT Repeatable 0.5-2 Units
Participation in set construction and painting on department-approved productions. Departmental approval is required to work on Performance Crew, Properties or as Assistant Scenic Designer. 40 hours of participation per half credit is required. Theatre majors must take at least .5 credits in set construction and painting.

THEATRE 205 PRACTICUM - LIGHTING Repeatable 0.5-2 Units
Participation in the hanging and focusing of lights for department-approved productions. Departmental approval is required to register for Assistant Lighting Designer, Master Electrician, or Light Operator. 40 hours of participation per half credit is required.

THEATRE 206 PRACTICUM - COSTUMING Repeatable 0.5-2 Units
Participation in the construction of costumes for department-approved productions. Departmental approval is required to register for Assistant Costume Designer or Performance Crew. 40 hours of participation per half credit is required. Theatre majors must take at least .5 cr in costume construction.

THEATRE 207 PRACTICUM - MANAGEMENT/PUBLICITY Repeatable 0.5-2 Units
Participation in house management, ticket office management or publicity and promotion for department-approved productions. 40 hours of participation per half credit is required.

THEATRE 208 PRACTICUM - MAKEUP Repeatable 0.5-2 Units
Participation as Makeup Designer and/or on Performance Crew for department-approved productions. 40 hours of participation per half credit is required.

THEATRE 209 PRACTICUM-THEATRE TOUR Repeatable 0.5-2 Units
Participation in one of the University Theatre productions designed for touring, including Children's Theatre and high school tours. Students involved in this activity are expected to participate in the shifting and setting up of scenery and lights, to contribute to the care and maintenance of costumes and to work with makeup, sound and properties in addition to their assignments as actors or technicians. In general, 40 hours of participation per half credit of the practicum are expected.
PREREQ: AUDITION AND CAST IN ROLE

THEATRE 215 AUDITIONING Repeatable 3 Units
This is a lecture/laboratory course which offers training in resume preparation, in preparing for an audition, and in presenting audition material.
PREREQ: THEATRE 120 OR CONSENT OF INSTRUCTOR

THEATRE 220 ACTING: ANALYSIS AND PERFORMANCE 3 Units
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.
PREREQ: THEATRE 120 OR CONSENT OF INSTRUCTOR

THEATRE 225 SCRIPT ANALYSIS 3 Units
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.
PREREQ: THEATRE 110
Eligible roles are designated by the department prior to auditions. Acting a major role in a University Theatre/Dance Department production.

THEATRE 301 PRODUCTION PRACTICUM - ACTING  Repeatable 0.5-2 Units
Acting a major role in a University Theatre/Dance Department production. Eligible roles are designated by the department prior to auditions.

THEATRE 302 PRODUCTION PRACTICUM - STAGE MANAGER  Repeatable 0.5-2 Units
Participation as Stage Manager in all production conferences, auditions, rehearsals and performances of a University Theatre-affiliated production. Repeatable four times for a maximum of 8 credits in major/degree.

THEATRE 304 PRODUCTION PRACTICUM - SCENERY  Repeatable 0.5-2 Units
Participation as Scene Designer or Technical Director in all research, production conferences, planning, painting and technical rehearsals for a University Theatre-affiliated production.

THEATRE 305 PRODUCTION PRACTICUM - LIGHTING  Repeatable 0.5-2 Units
Participation as Lighting Designer in all research, production conferences, planning, focusing and technical rehearsals for a University Theatre-affiliated production.

THEATRE 306 PRODUCTION PRACTICUM - COSTUMES  Repeatable 0.5-2 Units
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.

THEATRE 308 PRODUCTION PRACTICUM - SOUND  Repeatable 0.5-2 Units
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.

THEATRE 309 PRODUCTION PRACTICUM - THEATRE MANAGEMENT  Repeatable 0.5-2 Units
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.

THEATRE 310 PRACTICUM - DEVELOPMENT  Repeatable 1-2 Units
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.

THEATRE 312 PRODUCTION PRACTICUM - DIRECTING  Repeatable 0.5-2 Units
Participation as a Director of a production approved by the department with responsibilities to include pre-production research and script preparation, supervision of production conferences and rehearsals, and presentation of a public production. Repeatable four times for a maximum of 8 credits in major/degree.

THEATRE 316 DESIGN II FOR THEATRICAL SCENERY AND LIGHTING 3 Units
Building on the design foundations introduced in Introduction to Theatrical Design, this course will further develop the specific graphic communication skills, including drafting and related computer programs, required to express theatrical design principles in the realization of successful performance environments.

THEATRE 332 AND THEATRE 433 AND CONSENT OF INSTRUCTOR

THEATRE 320  ACTING: PROBLEMS OF STYLE  3 Units
Theories and techniques of character analysis and of acting in several theatrical periods, e.g., Classical, Elizabethan and Restoration.
PREREQ: THEATRE 120 OR CONSENT OF INSTRUCTOR

THEATRE 325  IMPROVISATIONAL DRAMA  3 Units
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.

THEATRE 328  VOCAL PRODUCTION AND STAGE SPEECH  Repeatable  3 Units
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.
PREREQ: THEATRE 120 OR CONSENT OF INSTRUCTOR

THEATRE 332  DIRECTING I  3 Units
Study and application of techniques useful in selection, interpretation and staging the play in a prosenium setting.
PREREQ: THEATRE 120 AND THEATRE 251 OR CONSENT OF INSTRUCTOR

THEATRE 343  THEATRICAL COSTUMING  3 Units
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.
PREREQ: THEATRE 251 OR CONSENT OF INSTRUCTOR

THEATRE 345  COSTUME HISTORY  3 Units
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.
PREREQ: THEATRE 110 OR CONSENT OF INSTRUCTOR

THEATRE 346  SURVEY OF MODERN DRAMA  3 Units
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.
CROSS-LISTED: THEATRE 346 AND ENGLISH 346

THEATRE 354  TECHNICAL DIRECTION  3 Units
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.
PREREQ: THEATRE 251 OR CONSENT OF INSTRUCTOR

THEATRE 363  APPLIED STUDIES IN ARTS MARKETING  2 Units
A study of the duties and skills of marketing managers of both commercial and non-profit arts-related businesses, as well as the individual artist in the marketplace. Topics include marketing research, planning a marketing budget, promotions, media relations, advertising, corporate and media sponsorship, and audience development. Students will develop a comprehensive marketing plan for an organization or individual artist of their choice. Offered even numbered fall terms.
COREQ: MARKETING 311
CROSS-LISTED: THEATRE 363 AND ACINDP 363

THEATRE 364  ISSUES IN ARTS MANAGEMENT  2 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR
CROSS-LISTED: THEATRE 364 AND ACINDP 364

THEATRE 365  NON-PROFIT ARTS MANAGEMENT  3 Units
Foundational course of the Arts Management Program. A study of the duties and required skills of managers of non-profit arts organizations. Areas of study include an overview of structure of arts organizations, planning, programming, staffing, budgeting, marketing, fundraising, board development, and volunteer management. Assignments and projects will be geared toward students' specific needs and interests. Offered fall and spring.
CROSS-LISTED: THEATRE 365 AND ACINDP 365

THEATRE 366  PERFORMING ARTS OPERATIONS AND MANAGEMENT  3 Units
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, patron management systems, and legal procedures. Offered each spring.
PREREQ: THEATRE 100 OR THEATRE 110, AND THEATRE/ACINDP 365 OR CONSENT OF INSTRUCTOR
CROSS-LISTED: THEATRE 366 AND ACINDP 366

THEATRE 369  MULTICULTURAL DRAMA OF THE UNITED STATES  3 Units
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 CROSS-LISTED: THEATRE 369 AND ENGLISH 369

THEATRE 422  ACTING FOR THE CAMERA  3 Units
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.
PREREQ: THEATRE 120 AND THEATRE 220 OR THEATRE 320 OR CONSENT OF INSTRUCTOR

THEATRE 433  DIRECTING II  3 Units
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.
PREREQ: THEATRE 332 OR CONSENT OF INSTRUCTOR

THEATRE 454  PERIOD DECOR AND SCENIC STYLES  3 Units
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.
PREREQ: THEATRE 100 OR THEATRE 110 OR CONSENT OF INSTRUCTOR
THEATRE 460  ADVANCED STAGE DESIGN AND TECHNOLOGY  Repeatable  3 Units
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/Techn students. Offered each spring. Repeatable three times for a maximum of 9 credits in major.
PREREQ: THEATRE 252

THEATRE 471  HISTORY OF THE THEATRE THROUGH 1550 A.D.  3 Units
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.

THEATRE 472  THEATRE HISTORY AND DRAMA: 1550-1830  3 Units
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.

THEATRE 478  CONTEMPORARY DRAMA  3 Units
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.

THEATRE 490  WORKSHOP  Repeatable  1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Offered on demand.

THEATRE 492  FIELD STUDY  Repeatable  1-6 Units
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  Repeatable  1-12 Units
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. PREREQ: AT LEAST SECOND TERM JUNIOR STATUS AS A THEATRE MAJOR AND PRIOR CONSENT OF THE DEPARTMENT

THEATRE 494  SEMINAR  Repeatable  1-6 Units
Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable. Offered on demand.
PREREQ: JUNIOR STATUS OR CONSENT OF DEPARTMENT

THEATRE 496  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.
PREREQ: JUNIOR STATUS OR CONSENT OF DEPARTMENT

THEATRE 497  EXCHANGE STUDY  Repeatable  1-12 Units
Variable topics.

THEATRE 498  INDEPENDENT STUDY  Repeatable  1-3 Units
Study of a selected topic or topics under the direction of a faculty member. Repeatable.
PREREQ: JUNIOR STATUS OR CONSENT OF DEPARTMENT

THEATRE 499  SENIOR PROJECT  3 Units
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.

University Honors Program (HONORS)

Courses

HONORS 291  TRAVEL STUDY  Repeatable  1-3 Units
Variable topics. Faculty-led courses abroad.
PREREQ: STUDENTS MUST BE ENROLLED IN THE UNIVERSITY HONORS PROGRAM

HONORS 296  SPECIAL STUDIES  Repeatable  1-3 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable only with change of topic.
PREREQ: ELIGIBILITY FOR THE UNIVERSITY HONORS PROGRAM AND AN ACT SUBSCORE OF AT LEAST 24, OR CONSENT OF UNIVERSITY HONORS PROGRAM DIRECTOR

UW Extended Campus Online (UWX) - Rock County

Courses

UWX AN100  INTRODUCTION TO ANTHROPOLOGY  3 Units
This course introduces you to basic principles and concepts of anthropology and its four subfields. Physical/Biological, Archaeology, Socio-Cultural and Linguistic. The goal of this course is to provide you with a better understanding of the differences and similarities that exist among human societies and cultures of which they are a part.

UWX BL101  WORLDS OF ART  3 Units
An introduction to the fundamental principles of living organisms. Topics include cell structure and function, growth, basic physiological processes of living organisms, reproduction and inheritance, classification systems, evolution, and diversity of life.

UWX BU101  INTRODUCTION TO BUSINESS  3 Units
Introduction visual arts for the non-art major. This Ethnic Studies (ES) course will focus on art created by marginalized groups in the U.S. and their ethnic heritage. Multicultural perspectives will be explored; specifically the impact race, ethnicity, and gender identity have on artistic production, art criticism, art philosophies and aesthetics.

UWX BL101  CONCEPTS OF BIOLOGY  4 Units
An introduction to the fundamental principles of living organisms. Topics include cell structure and function, growth, basic physiological processes of living organisms, reproduction and inheritance, classification systems, evolution, and diversity of life.

UWX BU101  INTRODUCTION TO BUSINESS  3 Units
Introduction to Business provides a broad overview of the environment, principles, and functions of business. Students will gain an understanding of business terminology and practices essential for success in industry. Students will learn about functional areas of business such as economics, management, marketing, technology, accounting and finance.
UWX CH140 GENERAL CHEMISTRY I - LAB 1 Units
An introduction to chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state. This course is primarily designed for natural science, pre-health, and occupational and environmental safety majors needing two or more semesters of chemistry.

COREQ: UWX CH144

UWX CM101 INTRODUCTION TO PUBLIC SPEAKING 3 Units
This course offers communication experiences intended to improve students' public speaking and listening skills across a broad spectrum of situations including intercultural communication, public communication, small group communication and interpersonal communication.

UWX CM213 INTERCULTURAL COMMUNICATION 3 Units
This course introduces students to the complex relationship between culture and communication. The role of communication and context (social, cultural, historical) in intercultural interactions is exemplified through multiple perspectives. In addition, issues surrounding theory development, such as ethical considerations and dialogues on opposing perspectives are examined.

UWX CS130 INTRODUCTION TO PROGRAMMING 3 Units
This course offers communication experiences intended to improve students' public speaking and listening skills across a broad spectrum of situations including intercultural communication, public communication, small group communication and interpersonal communication.

PREREQ: UWX MA116

UWX EC203 MACROECONOMICS 3 Units
The emphasis of the course is on macroeconomics analysis and covers areas such as national income, commercial banking, business fluctuations, monetary and fiscal policies and international trade.

PREREQ: UWX MA093

UWX EN098 INTRODUCTION TO COLLEGE WRITING 3 Units
A composition course focusing on the conventions of academic writing, the composing process, critical thinking, and critical reading. Emphasis will be on reading and writing activities designed to prepare students for successful transition to college-level writing.

UWX EN101 COLLEGE WRITING AND CRITICAL READING 3 Units
A composition course focusing on academic writing, the writing process, and critical reading. Emphasis will be on essays that incorporate readings.

PREREQ: GRADE OF C OR BETTER IN UWX EN098 OR PLACEMENT INTO UWX EN101

UWX EN102 CRITICAL WRITING AND RESEARCH 3 Units
A composition course focusing on researched academic writing that presents information, ideas, and arguments. Emphasis will be on the writing process, critical thinking, and critical reading.

PREREQ: GRADE OF C OR BETTER IN UWX EN101 OR PLACEMENT INTO UWX EN102

UWX EN203 CREATIVE WRITING 3 Units
In this workshop-based course, students will read creative writing and produce their own original works. Students will share drafts of their work in process with peers, revise their work based on feedback, and write reflectively and analytically about their own processes and products.

PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

UWX EN210 BUSINESS COMMUNICATION 3 Units
This course teaches students to effectively communicate in a variety of business settings. Students write messages, reports, proposals, and other professional documents. Students also plan and present an oral report.

UWX EN250 INTRODUCTION TO LITERATURE 3 Units
An introduction to the discipline of literary studies through its fundamental approaches to reading, interpreting, and writing about a variety of texts, ranging from the classic to the contemporary with the goal of understanding, appreciating, and enjoying literature.

PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

UWX EN278 MULTICULTURAL LITERATURE IN THE UNITED STATES 3 Units
A study of literature written by, and expressing the perspectives of, writers from minority groups in the United States. The course includes readings by contemporary writers focusing on the experiences of African, Asian, Hispanic, and Native Americans through their essays, poetry, fiction, and drama. As an interdisciplinary course, the literature is read in the context of American history and culture.

PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

UWX ES105 INTRODUCTION TO ENVIRONMENTAL STUDIES Repeatable 3 Units
This course presents an overview of the interrelationships between humans and the environment. The material presented in the first one-third of the course focuses on important ecological concepts. The remainder of the course deals with human influence on the environment. Ecological concepts are used throughout to identify, understand, and provide a basis for proposing possible solutions to contemporary environmental problems.

UWX FN210 PERSONAL FINANCE 3 Units
Topics covered include reflection on personal priorities and values, identifying the social and environmental impacts of our consumer culture, consumerism, identifying important life and financial goals, principles of personal money management and financial planning, use of credit, budgets, insurance, buying a home, creating an estate, and providing for retirement.

UWX GE170 DISASTERS: LIVING ON THE EDGE 4 Units
Study of various environmental hazards, their causes, impacts on humans, and mitigations. Core topics are natural hazards (earthquakes, flooding, tornadoes, hurricanes), and anthropogenic hazards (climate change, nuclear hazards, overpopulation). Additional topics may be covered: coastal hazards, pollution, other atmospheric hazards, impacts from space, extinctions, biohazards, chemical hazards, and terrorism.
**UWX MA108 QUANTITATIVE REASONING**  3 Units

Quantitative Reasoning is intended to develop analytic reasoning and the ability to solve quantitative problems. Topics to be covered include construction and interpretation of graphs, functional relationships, descriptive statistics, math of finance, and exponential growth. Appropriate use of units and dimensions, mathematical notation and available technology will be emphasized throughout the course.

**PREREQ: GRADE OF C OR BETTER IN UWX MA091 OR PLACEMENT INTO UWX MA108**

**UWX MA113 TRIGONOMETRY**  2 Units

Trigonometric functions, their basic properties and graphs, identities, inverse trigonometric functions, solving trigonometric equations, solutions of triangles.

**PREREQ: GRADE OF C OR BETTER IN UWX MA116 OR PLACEMENT INTO UWX MA113**

**UWX MA116 COLLEGE ALGEBRA**  3 Units

The study of the properties of elementary functions, such as polynomial, absolute value, piecewise, radical, rational, exponential, and logarithmic functions. Topics include equations, inequalities, functions, and their graphs. Students will formulate, analyze, solve, and interpret mathematical and real-world problems. This course is intended to provide algebra skills required for calculus.

**PREREQ: GRADE OF C OR BETTER IN UWX MA093 OR PLACEMENT INTO UWX MA116**

**UWX MA117 ELEMENTARY STATISTICS**  4 Units

An introduction to Statistics including the collection and analysis of data, descriptive statistics, both graphical and numerical, elementary probability, general and sampling distributions, and the fundamentals of statistical inference, including confidence intervals and hypothesis testing, simple regression, correlation, Chi-square goodness of fit and one-way ANOVA.

**PREREQ: GRADE OF C OR BETTER IN (UWX MA093 OR UWX MA108) OR PLACEMENT INTO UWX MA116**

**UWX MA221 CALCULUS I**  5 Units

Calculus I is based on the study of real valued functions of a single variable. The course topics include limits and continuity, derivatives, antiderivatives, definite integrals and Riemann sums. Applications of differentiation and integration are also covered.

**PREREQ: GRADE OF C OR BETTER IN (UWX MA093 AND UWX MA113) OR PLACEMENT INTO UWX MA221**

**UWX MU278 ROCK AND ROLL ROOTS**  3 Units

Rock and Roll evolved from blues, jazz, gospel, and several folk musical genres. This course reveals the connections between, and fusion of, these diverse musical styles and how they influenced the nearly 70 years of Rock and Roll history.

**UWX PH237 TECHNOLOGY, VALUES, AND SOCIETY**  3 Units

Technology, Values & Society will be a philosophical investigation of technology and its relation to society and the individual. An examination of ethical issues in technology, which may include freedom, censorship, privacy, equality, democratic participation, intellectual property, education, law enforcement, institutional change, and work.

**UWX PL104 INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS**  3 Units

Examines how the American political system works, with emphasis on the U.S. Constitution, civil and political rights, the party system, elections, and the structure, powers, and processes of Congress, the presidency, and the courts.
UWX PS101  GENERAL PSYCHOLOGY  3 Units
This introductory behavioral science course emphasizes the history of the field of psychology, research methods, the biological basis of behavior, human cognition, human development, social behavior, and mental health.

UWX PS250  LIFESPAN PSYCHOLOGY  3 Units
This course presents a survey of human development theories and research. Topics include the biological, cognitive, emotional, and social development of the individual from the prenatal period through old age. PREREQ: GRADE OF C- OR BETTER IN UWX PS101

UWX RE101  INTRODUCTION TO RELIGION  3 Units
This course introduces a number of the world's major religious traditions (Hinduism, Buddhism, Confucianism, Christianity, Judaism, and Islam) as well as several ways of studying these religions (anthropology, psychology, sociology, phenomenology, and economic approaches).

UWX SC101  INTRODUCTION TO SOCIOLOGY  3 Units
Sociology as a special field of behavioral science, examines social relations, social organizations, and social systems through the study of process, structure, and function.

UWX SC231  CRIME AND CRIMINAL JUSTICE  3 Units
Examines the American systems of Criminal Law and Justice in socio-historical context. Presents the three branches of the Criminal Justice system (Law Enforcement, Courts, Corrections) and critiques them against the backdrop of five cultural philosophies of criminal justice. Explores how crime is defined and measured, and how social sciences theorize causes of crime and crime patterns. PREREQ: NOT RECOMMENDED FOR FIRST-SEMESTER STUDENTS

UWX SP101  FIRST SEMESTER SPANISH  4 Units
This course is designed for students who have had little or no previous training in the language. The fundamentals of pronunciation and grammar are presented through reading, writing, speaking, and listening activities created to introduce students to both the Spanish language and the cultures of Spanish-speakers in the US and abroad.

UWX SS310  MEDIA LITERACY  3 Units
Media Literacy is designed to help students develop an informed, critical and practical understanding of the media and examines examples of media messages including entertainment, commercial and social media to critically evaluate the sources and target audiences.

Women's Studies (WOMENST)

Courses

WOMENST 100  INTRODUCTION TO WOMEN'S AND GENDER STUDIES  3 Units
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 120  INTRODUCTION TO LGBTQ STUDIES  3 Units
An investigation of LGBTQ Studies from the perspective of various disciplines. The course examines the ways gender and sexuality interact with ethnicity, race, class, and ability and explores contemporary and historical issues related to LGBTQ lives. Included are such subjects as gender and sexuality as social constructions, violence and oppression, representation, history of LGBTQ movements and activism, and intersectional alliances.

WOMENST 180  SEX, GENDER, AND HEALTH  3 Units
This course explores the reproductive and sexual functions of human bodies, as well as the scientific and social influences on those bodies. By examining sex, reproduction, and aging, this course uses intersectional lenses to explore uneven access to sexual health resources and reproductive justice across cultures, ultimately demonstrating the achievements and limitations of women's health movements in the recent past. CROSS-LISTED: WOMENST/BIOLOGY 180

WOMENST 240  GENDER, SEXUALITY, AND WORK  3 Units
This course explores the social construction of paid and unpaid work, using the lenses of gender, sexuality, race, class and more. With this intersectional lens, this course provides an overview of the changing nature of work in the United States, gender and sexuality based problems in the workplace, and strategies to overcome institutional and interpersonal workplace challenges. PREREQ: SOPHOMORE STATUS

WOMENST 241  YOUTH CULTURE FORMATION: RACE, GENDER, AND SEXUALITY  3 Units
This course explores how various U.S. institutions construct "youth" as a social category, how those constructions are primarily interlocked with race and ethnicity, and how those constructions subsequently shape youth cultures in multi-faceted, intersectional cultural contexts such as music, gaming, sports, and media.

WOMENST 245  GENDER AND GEOGRAPHY  3 Units
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. CROSS-LISTED: GEOG 245 AND WOMENST 245

WOMENST 250  WOMEN IN AMERICAN CULTURE  3 Units
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 STATUS

WOMENST 266  GENDER AND FILM  3 Units
Students will learn to critically view, consider, and describe films, with special attention to representations of sexuality and gender. The course will include instruction in gender theory and methods for deploying gender analysis in the context of film studies. PREREQ: ENGLISH 101 OR ENGLISH 105 OR ENGLISH 161 CROSS-LISTED: ENGLISH/WOMENST/FILM 266

WOMENST 280  FEMINIST THEORIES  3 Units
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  WOMEN'S VOICES/WOMEN'S LIVES  3 Units
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 STATUS
WOMENST 320  LESBIAN STUDIES  3 Units
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) Debate(s) of Community, 3) Life-Cycle Choices, 4) Research on Current Issues.
PREREQ: WOMENST 100 AND SOPHOMORE STANDING

WOMENST 325  QUEER POPULAR CULTURE  3 Units
Queer Popular Culture analyzes mainstream popular culture through a queer perspective, and investigates queer subcultures and their role in creating belonging for the LGBTQ community. Key topics include queer theory, intersectional feminism, heteronormativity, cultural representations, and subversive cultural creation.
PREREQ: 3 CREDITS OF WOMEN'S AND GENDER STUDIES COURSES OR JUNIOR STANDING OR PERMISSION OF INSTRUCTOR

WOMENST 330  RELIGION, SEXUALITY AND GENDER  3 Units
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 INSTRUCTOR
CROSS-LISTED: RELIGST 330 AND WOMENST 330

WOMENST 334  GENDER AND SEXUALITY IN CROSS CULTURAL PERSPECTIVE  3 Units
Anthropological approaches to the cross-cultural study of gender relations and sexuality with an emphasis on societies of the non-Western world. Topics vary.
PREREQ: GENED 130 OR GENED 140 OR SOPHOMORE STANDING
CROSS-LISTED: ANTHROPL 334 AND WOMENST 334

WOMENST 341  AFRICAN WOMEN'S HISTORY FROM 1800 TO THE 1970S  3 Units
The course addresses the experiences of African women from 1800 to independent Africa with a focus on women's experiences and their contributions to African societies. The course cover changing ideas about gender and evaluates women's positions in African societies including rulers, warriors, politicians, activists, and average farmers.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR
CROSS-LISTED: HISTRY/WOMENST 341

WOMENST 345  WOMEN IN MUSIC  3 Units
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, ENGLISH 101 AND ENGLISH 102 OR ENGLISH 105 CROSS-LISTED: MUSC 345 AND WOMENST 345

WOMENST 347  GENDER AND FAMILY IN JAPAN  3 Units
This course will examine forms of masculinity, femininity, sexuality, and family in contemporary Japan, and their historical development. Students will learn how gender, sexuality, and family are historically and socially constructed, how they are recreated through social interaction, how power inequalities are embedded in gender and family relations, how these inequalities impact individuals (and vice versa).
PREREQ: 3 UNITS OF SOCIOLOGY OR 3 UNITS OF ANTHROPOLOGY OR WOMENST 100 OR JAPANESE 101 OR CONSENT OF INSTRUCTOR

WOMENST 351  GENDER AND VIOLENCE  3 Units
This course examines gender-based violence, focusing specifically on domestic violence, intimate partner violence, sexual assault, stalking, sexual harassment, and human trafficking. Readings and course activities explore the gendered dimensions of violence and inequality within diverse racial, ethnic, and socioeconomic backgrounds and across sexual identities and national and immigrant statuses. A community based learning project is required.
PREREQ: SOPHOMORE STANDING

WOMENST 356  WOMEN, SCIENCE & SOCIETY  3 Units
Survey of women's contributions to science; case studies of modern women scientists; feminism and scientific knowledge.
PREREQ: JUNIOR STANDING OR WOMENST 100

WOMENST 367  ORIGINS OF GENDER  3 Units
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 prior 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
CROSS-LISTED: ANTHROPL 367 AND WOMENST 367

WOMENST 370  WOMEN: RACE AND ETHNICITY (DV) (GE)  3 Units
This course will provide an examination of Native American, African American, Hispanic, and Asian American women in the broad areas of work, family/community relationships, creativity, and social action.
PREREQ: JUNIOR STANDING OR WOMENST 100

WOMENST 374  QUEER CINEMA  3 Units
In Queer Cinema, students will deploy analyses of gender and sexuality that respond to the possibilities and limitations of the medium. Queer Cinema is appropriate for any student who wishes to learn how to apply complex theories of gender representation and sexual identity to the analysis of visual narratives.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR

WOMENST 380  GENDER LAW AND POLICY  3 Units
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/SENIOR STATUS OR CONSENT OF INSTRUCTOR

WOMENST 407  LATINA/LATIN AMERICAN WOMEN'S WRITING, ACTIVISM & CHANGE  3 Units
This course examines writing by Latinas and Latin American women (XIX century-present), as well as the theories that frame their writing. Exposed to various themes and writing styles, students will engage in textual analysis and critical discussion to reflect on the authors' cultural and historical challenges as they engage in social change from their gendered and/or racialized critical identities.
PREREQ: ENGLISH 102 OR ENGLISH 105 OR ENGLISH 162; OR ANY LATINX, OR CHICANO COURSE; OR CONSENT OF INSTRUCTOR
CROSS-LISTED: LATINX 407 WOMENST 407
WOMENST 410  DIVERSITY LEADERSHIP CERTIFICATE SEMINAR Repeatable 1 Units
Organized around individual student needs, this course provides students the specialized instruction necessary to complete the co-curricular requirements of the Diversity Leadership Certificate. The course emphasizes the creation of an ePortfolio that will be used to document a student’s learning through the submission of a wide range of diversity-related learning artifacts and reflection essays.

WOMENST 455  ISSUES AND TOPICS IN WOMEN AND GENDER STUDIES Repeatable 3 Units
This course provides intensive study of important issues in Women's Studies, with special emphasis on courses that reflect the most contemporary thought 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  GLOBAL GENDER POLITICS 3 Units
This course takes seriously the explanatory power and importance of gender in the study of global politics. It explores the roles of women and men, femininities and masculinities in the shaping, defining, and legitimating of world affairs. Using a critical, interdisciplinary perspective, this course considers how gender helps us better understand security, the global political economy, and global governance.
PREREQ: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR CROSS-LISTED: POLISCI 464 AND WOMENST 464

WOMENST 481  GENDER, ETHNICITY, AND THE ENVIRONMENT 3 Units
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, ecofeminism, environmental justice, etc.) and responses to the environmental crisis.
PREREQ: SOPHOMORE STANDING

WOMENST 489  ADVANCED SEMINAR IN WOMEN’S AND GENDER STUDIES 3 Units
An intensive, integrative study of selected issues in Women's and Gender Studies, emphasizing critical thinking and research techniques. A substantial research paper is required.
PREREQ: WOMENST 100 AND WOMENST 280 OR PHILSPHY 390

WOMENST 490  WORKSHOP IN WOMEN’S, GENDER, AND SEXUALITY STUDIES 1-6 Units
Variable topics. Group activity oriented presentations emphasizing ‘hands on’ and participatory instructional techniques. Repeatable.

WOMENST 491  TRAVEL STUDY Repeatable 1-3 Units
Variable topics. Faculty-led courses abroad.

WOMENST 493  INTERNSHIP IN WOMEN’S, GENDER, AND SEXUALITY STUDIES 3 Units
Work and study with an agency, nonprofit, or institution related to women’s, gender, and/or LGBTQ+ advocacy. Students working under faculty supervision will combine academic learning with practical experience.
PREREQ: 12 CREDITS IN COURSES APPROVED FOR WOMENS STUDIES

WOMENST 496  SPECIAL STUDIES Repeatable 1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable. Instructor Consent required.

WOMENST 497  EXCHANGE STUDY Repeatable 1-12 Units
Variable topics.

WOMENST 498  INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

WOMENST 498R  INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

World Languages (WRLDLANG)

Courses
WRLDLANG 375  TRANSLATION AND INTERPRETATION 3 Units
This general interest course taught in English is for students in World Languages interested in translation or interpretation as a career, regardless of specific language studied. It examines ethical, linguistic and cultural issues connected with translation and interpretation practice, as well as professional paths for translators and interpreters. Students study and present case studies related to their particular language.

WRLDLANG 493  INTERNSHIP - FOREIGN LANGUAGE Repeatable 1-3 Units

WRLDLANG 496  SPECIAL STUDIES Repeatable 1-4 Units
Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable.

WRLDLANG 497  STUDY ABROAD Repeatable 1-12 Units
Variable topics.

WRLDLANG 498  INDEPENDENT STUDY Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.

WRLDLANG 498R  INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units
Study of a selected topic or topics under the direction of a faculty member.
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