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. 1).

College of Integrated Studies: Department Chairperson

Department Chairperson
Kristin Plessel

Associate of Arts and Sciences (AAS) Degree

The Associate of Arts and Sciences (AAS) degree is the foundation for many college majors and for the bachelor’s degree. The AAS degree provides a two-year, general education liberal arts-based academic program with training in the fine arts and humanities, mathematical and natural sciences, and social sciences.

The breadth categories in the degree are defined as follows:

- Fine Arts and Humanities
- Mathematical and Natural Sciences
- Social Sciences
- Ethnic Studies
- Interdisciplinary Studies

Degree Requirements

- 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.

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.

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.

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.

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.

Interdisciplinary Studies

- Students must acquire an appreciation for the multiple dimensions of any given subject by applying the content, methods and assumptions of two or more disciplines. Students will learn to integrate knowledge from across the curriculum. A course is an interdisciplinary studies course if instructors from two or more disciplines teach the course.

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.

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.
Courses may also be counted toward another breadth category. Minimum of 3 credits.

Interdisciplinary Studies Courses may be counted toward another breadth category. Minimum of 3 credits.

Ethnic Studies Minimum of 3 credits.

Application and Performance Minimum of 9 credits from at least 2 disciplines.

Social Sciences Minimum of 11 credits including:

• 1 fine arts course
• 1 humanities course

Mathematical and Natural Sciences Minimum of 8 credits in 2 natural science areas
• 1 laboratory science course

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 124 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 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 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.

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.

Starting in Fall 2019, UW Colleges Online will become UW College Courses Online.

From its inception in 1998 UW Colleges Online has offered more than 125 college courses. To align with the new UW System restructuring and better serve our students, UW Colleges Online will become UW College Courses Online in Fall of 2019—offering the same accredited courses, flexible schedule options, and UW faculty as before.

Students in the College of Integrated Studies may also take courses through this UW College Courses Online. These are fully accredited courses taught by UW faculty.

To see a listing of these course offerings, please go to the “Courses” link within the College of Integrated Studies.

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. For more information contact advisors Kim Kostka (kim.kostka@uwec.edu) or Linda Reinhardt (linda.reinhardt@uwec.edu).

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. For more information contact advisor, Nate (nate.maddux@uwec.edu) Maddux.

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. For more information contact advisor John Pruitt (john.pruitt@uwc.edu).
## 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. For more information contact advisor Nate Maddux (nate.maddux@uwc.edu).

### 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. For more information contact advisor Brian Duckwitz (brian.duckwitz@uwc.edu).

### The Art Club
Students interested in art and finding ways to enhance art on campus. For more information contact advisor Michael Julian (michael.julian@uwc.edu).

### 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. For more information contact Jeff Suarez (jeff.suarez@uwc.edu).

### 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. For more information contact Athletic Director Grant McNall (grant.mcnnall@uwc.edu).

### 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/Orchestra Room. For more information contact advisor Lannette Calhoun (lannette.calhoun@uwc.edu).

### German Club
All interested persons are encouraged to attend and participate in club activities - no need to speak German. The German Club sponsors outings and hosts programs related to German culture and issues. For more information contact advisor Timothy Holian (timothy.holian@uwc.edu).

### 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. For more information contact advisor Ken Brosky (kenneth.brosky@uwc.edu).

### 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. For more information contact advisor Lannette Calhoun (lannette.calhoun@uwc.edu).

### 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. For more information contact advisor, Nate Maddux (nate.maddux@uwc.edu) or interim advisor, Molly Cook (molly.cook@uwc.edu).

### 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, issues, on the campus and in the world. For more information contact contact advisor Sara Juarez Koch (sara.juarezkoch@uwc.edu).

### 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. For more information contact Brian Duckwitz (brian.duckwitz@uwc.edu).

### 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. For more information contact Athletic Director Grant McNall (grant.mcnnall@uwc.edu) McNall.

### 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. For more information contact advisor Richard Hanson (richard.hansen@uwc.edu).

### 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. For more information contact advisor Janine Peterson (janine.peterson@uwc.edu).

### 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. For more information contact advisor Trevor Rees (trevor.ress@uwc.edu).

**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. For more information contact Athletic Director Grant (grant.mcnall@uwc.edu) McNall.

**Venom Dance Club**

Are you an experienced dancer or just wanting to learn to dance for the first time? It doesn't matter to the Dance Club...come share choreography, have the opportunity to perform, strengthen dance ability and explore all aspects of dance. Perform at basketball games or in the theatre, work on learning technique, explore music, costuming, etc. For more information contact advisor Sarah Koch (sarah.juarezkoch@uwc.edu).

**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. For more information contact advisor Sara Koch (sara.juarezkoch@uwc.edu).

**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 or contact coach Jaclyn Bradley (Jaclyn.bradley@uwc.edu).

**American Indian Studies - 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 of 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 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.

**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.

**Anthropology - 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 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 ethnographic description, methodology & contemporary theory. Cross-cultural comparisons of societies & institutions. Course includes both humanistic & social scientific approaches to human sociocultural diversity
ANT 105  Intro 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.

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.

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.

ANT 291  Selected Topics in Anthropology  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.

ANT 292  Proseminar in Anthro  1-4 Units  
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ANT 293  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 OR CONSENT OF INSTRUCTOR

ANT 294  Independent Reading and Research  1-3 Units  
Indp. reading & research in Anthroplogy.
PREREQ: CONSENT OF INSTRUCTOR

ANT 302  Archaeology of 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.

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

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.
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 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.

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 surveys 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 & doctors in the U.S.A.

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.

ANT 370 Archaeology Field School  1-6 Units
Practical application of the basic skills used in the excavation of archaeological sites, including surveying techniques, methods of excavation, compilation of field data, & Lab analysis through participation in an actual archaeological field project. The site(s) excavated & their location vary by year & campus. Usually summered. 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.

Art - Rock County Courses

ART 100 Basic Art Experiences  3 Units
Fundamental principles of two- & three-dimensional design; projects 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.

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 &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  Italia 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, l&scape architecture, city planning, interior & industrial
design of the modern era. Field trip.

ART 201  Introduction to Life Drawing  3 Units
Anatomical & 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-Dimension Design II  3 Units
A continuation of the study of elements & principles of two dimensional
design as a foundation for all the 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
for 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.

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
Planographic printing; use of stone & metal plates, with exploration of
various offset media. Lecture-lab.

ART 243  Intaglio  3 Units
Incised printing; engraving, etching & other processes used with the
intaglio press. Lecture-lab.

ART 245  Serigraphy  3 Units
Methods & techniques. May include problems in color registration photo
processes; other stencil applications. Lecture-lab.

ART 247  Relief Printing  3 Units
Woodcut & line cut processes; a Surv. of problems related to color
registration & production. Lecture-lab.

ART 254  Intermediate Ceramics  3 Units
Continuation of ART 154. Further development of craftsmanship with
emphasis upon individual Proj.s. Lecture-lab.

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  0 Units
Prereq: Cons. instr; also Department Chair approval.
ART 299 Independent Study 0 Units
Prereq: Cons. instr; also Department Chair approval.

**Astronomy - Rock County Courses**

**AST 100 Survey of Astronomy 3-4 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, optical 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 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.

**AST 299 Independent Study-Astronomy 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 1-2 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**
(Previously BIO 109) 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 Sem. of a two Sem. course designed for majors in biological Sci.s. Topics include: cell structure & function, cellular metabolism (enzymes, respiration, photosynthesis), Info flow (DNA, RNA, protein), principles of genetics, & speciation & evolutionary theory.
PREREQ: A GRADE OF C OR BETTER IN MATH 141 OR WAIVER

**BIO 122 Foundations of Biological Sciences II 5 Units**
Second Sem. of a two Sem. course designed for majors in biological Sci.s. Continuation of BIO 121. Topics include: a Surv. of the three domains of life, selected topics in plant & animal Physolgy, & ecology at multiple levels of the biological hierarchy.
PREREQ: BIO 121

**BIO 141 Heredity 3 Units**
(Previously BIO 106) 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.
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 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
(Previously BIO 130. BIO 186 & GSW 130 are the same course.) An Intro to the Physiolg & 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
(Previously BIO 107) The principles underlying the proper Mgmt. of our resources: water, soils, minerals, forests, wildlife & human. The current & past attitudes relating to the resources with the interaction & complexities of humans’ interests. This meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of Sci. & social Sci.s. Lecture & may also include demonstrations, discussion & field trips.

BIO 191 Environmental Science  3-4 Units
(Previously BIO 108) A contemporary study of the natural world through the human perspective. Emphasis on humans as a modifying force in the biophysical Env., including selected topics in ecological principles, pollution, population Bio., & Env.al Mgmt.. This course meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of Sci. & social Sci.s. Lecture, lab, & may include demonstrations, discussions, & 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 Env.s. 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
(Previously BIO 250) 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 211 Genetics  3-4 Units
(Previously BIO 260) 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 215 General Survey of Microbiology  4-5 Units
(Previously BAC 201) Surv. of micro-organisms & their activities; emphasis on structure, taxonomy, function, ecology, Nut., Physiolgy, pathology & genetics. Surv. of applied microBio.: agricultural, medical, industrial, Env.al & food. The Lab is an Intro to standard 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 221 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 Physiology & microbiology. This course utilizes an extensive review packet of basic concepts of Physiology & microbiology 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, Forest 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 Sciences 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 hand 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 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 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.

Business Administration - 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 & 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 Mgt  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  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  
Prepr: Cons. instr.  
PREREQ: CONSENT OF INSTRUCTOR

BUS 299 Independent Studies  1-3 Units  
Prepr: Cons. instr.  
PREREQ: CONSENT OF INSTRUCTOR

Chemistry - 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 141 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.

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)

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/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  0 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  0 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 Lab 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.

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: CHEM 251PREREQ: A GRADE OF C- OR BETTER IN CHE 343 OR CONSENT OF INSTRUCTOR

Chinese - Rock County Courses
CHI 101 First Semester Chinese 4 Units
Elementary modern Mandarin 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 Mandarin 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 visiting or living in China

CHI 105 Second Semester Chinese 4 Units
Continuation of CHI 101, elementary modern Mandarin.
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/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 & 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 social & cultural history 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 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 1-3 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 h&s-on experience.

CPS 107  Spreadsheet Concepts  1 Units
Typical features & application of electronic spreadsheets. This course involves extensive h&s-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 h&s-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 h&s-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 a background in electronic commerce technology through exploring infrastructure & emerging technical issues in support of e-commerce.

CPS 130  Introduction to Programming  1-2 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 st&ards. This course involves extensive h&s-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 nt 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  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 of the nature of
theatre, important plays, dramatic styles, & elements of a theatrical
production.

CTA 131  Theatre Laboratory  3 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 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 222  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.

CTA 223  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 225  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 0 Units
The Internship Program 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 Drama 0 Units
The nature & subject of this course will be announced in the course schedule.
PREREQ: CONSENT OF INSTRUCTOR

CTA 299 Independent Study 0 Units
Readings, reports, papers, or Proj.s to be determined by the individual instructor.
PREREQ: INTRO CTA COURSE AND CONSENT OF INSTRUCTOR

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.

Economcis - Rock County Courses

ECO 101 Intro 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 & 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 1-3 Units
Prereq: cons. instr.
PREREQ: CONSENT OF INSTRUCTOR

ECO 299 Independent Studies 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
**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  3-4 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 Info to be successful students & practicing engineers. Topics include Proj. Mgmt., team work, 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 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 understanding of the engineering profession.

PREREQ: MAT 105 OR CONCURRENT ENROLLMENT ANTIREQ: EGR 100 OR 102 OR 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., 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 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 simple 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 3-5 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 MAT223 OR MATH 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

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 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 - 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 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 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 and 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 SUFFICIENTLY 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 lnqd. 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.

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, lnqd. 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 SUFICIENTLY 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, & reports, including 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 understg. 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
ANTIREQ: ENG 276

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
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
ANTIREQ: ENG 273

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
ANTIREQ: ENG 273

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
ANTIREQ: ENG 260 OR 261

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 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
ANTIREQ: ENG 268 OR 269

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 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 290 Special Topics  0 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  0 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.
PREREQ: 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 102 First Semester French--Part II  2 Units
Continuation of FRE 101 & 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 CONSENT OF INSTRUCTOR

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.)
PREREQ: FRE 104 OR CONSENT OF INSTRUCTOR

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 CONSENT OF INSTRUCTOR

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 108 First Semester French  4 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 CONSENT OF INSTRUCTOR

FRE 109 First Semester French--Part II  2 Units
Continuation of FRE 108 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 108 is equivalent to FRE 101.)
PREREQ: FRE 108 OR CONSENT OF INSTRUCTOR

FRE 110 Second Semester French--Part I  4 Units
Continuation of FRE 109 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 109 is equivalent to FRE 101.)
PREREQ: FRE 109 OR CONSENT OF INSTRUCTOR

FRE 111 Second Semester French--Part II  4 Units
Continuation of FRE 110 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 110 is equivalent to FRE 101.)
PREREQ: FRE 110 OR CONSENT OF INSTRUCTOR

FRE 112 Second Semester French  4 Units
Continuation of FRE 111 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 111 is equivalent to FRE 101.)
PREREQ: FRE 111 OR CONSENT OF INSTRUCTOR

FRE 113 First Semester French  4 Units
Continuation of FRE 112 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 112 is equivalent to FRE 101.)
PREREQ: FRE 112 OR CONSENT OF INSTRUCTOR

FRE 114 First Semester French--Part II  2 Units
Continuation of FRE 113 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 113 is equivalent to FRE 101.)
PREREQ: FRE 113 OR CONSENT OF INSTRUCTOR

FRE 115 Second Semester French--Part I  2 Units
Continuation of FRE 114 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 114 is equivalent to FRE 101.)
PREREQ: FRE 114 OR CONSENT OF INSTRUCTOR

FRE 116 Second Semester French--Part II  2 Units
Continuation of FRE 115 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 115 is equivalent to FRE 101.)
PREREQ: FRE 115 OR CONSENT OF INSTRUCTOR

FRE 117 Second Semester French  4 Units
Continuation of FRE 116 & second module of a two-part Introductory
sequence. Field trip may be required. (This course in combination with
FRE 116 is equivalent to FRE 101.)
PREREQ: FRE 116 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 202 Third Semester--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 203 Third Semester--Part II  2 Units
Continuation of FRE 202 & 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 204 Fourth Semester French  4 Units
Continuation of FRE 203 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 222 Conversation & 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 225 Conversation and Composition  3 Units
A continuation of FRE 222. 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 Topics 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  2-3 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  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

Geology - Rock County Courses

GEO 101 Introduction 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 125 Physical Geography 4-5 Units
The Geo. of Earth's physical characteristics, including weather & climate, climate types, water, soils, Earth materials, & forms, & 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. hazards, their causes, impacts on humans, & mitigations. Core topics are natural hazards (earthquakes, volcanoes, flooding, landslides, tornadoes, hurricanes), & anthropogenenic 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, 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.

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. 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 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 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 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, & utilization, & economic development of the state. Field trip(s) may be 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, & Management of the Earth's resources; ecosystems; human interactions with the Env.; human population growth; impact of technology on the Env.; & practical solutions to Env. problems. Field trip(s) may be required. GEO 350 meets DPI requirements for Env. education at some UW baccalaureate institutions. Prereq: One semester of college work.

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

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. Stresses 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

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 Envs. 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, l&slides,
& 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 underst& 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 underst&ing 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  4-5 Units
The physical Env. & our interaction with it. Emphasis on earth processes
affecting humans, such as flooding, erosion, groundwater, l&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 st&point. 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.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.

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 h&s-on approaches & development of critical observation skills.
Field trip(s) required.

GLG 215 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 & I& use practices on the I&scope 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, 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.

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  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  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  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 I&forms. 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
(Previously BIO 130. 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 deeper 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, 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 & 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.
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.

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.

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 equality & 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  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  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 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.

GSW 299  Independent Study  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

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 & 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 020 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 and 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 and 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/Snowboarding 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/Snowboarding 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 2 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 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.

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 Nutrition, digestion, & metabolism & the effects of these principles on one's diet, weight, fitness level, & overall health. The functions, requirements, & applications of nutrients & Nutritional 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 Nutritional therapy, 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, Phi., & 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 Mgmt 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, Nutritional 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.

HIS 100 First Year Seminar in History: Selected Topics 3 Units
Course content must be approved by the local campus & the department chair.

HES 299 Independent Study in Physical Education 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.

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 103 History of Western Civilization from Ancient Times to the Era of the Renaissance 3-4 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 104 History of Western Civilization from the Era of the Renaissance to Contemporary Times 3-4 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 105 Ancient Hist 3 Units
Surv. of the history of civilization from the beginnings in Mesopotamia & Egypt through Classical Greece with emphasis on institutional & social development.

HIS 106 Ancient Hist 3 Units
Surv. of the history of civilization from Alexander the Great through the fall of the Roman Empire with emphasis on institutional & social development.

HIS 107 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 108 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 109 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 110 World History to 1500 3-4 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 111 World History Since 1500 3-4 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 112 The World in the Twentieth Century 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 113 Modern Germany 1815 - Present 3 Units
A Surv. of the history of Germany emphasizing the influence & role of the frontier in the development of German 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, & Asians met & interacted. It will foster an understanding & appreciation of the perspectives of each group.

HIS 114 Modern Germany 1815 - Present 3 Units
A Surv. of American political, economic, social, & intellectual history from colonial days through the present. Topics include: indentured servitude & free labor in colonial America, slavery in the antebellum US, industrialization, the rise & fall of unions, the role of workers in the two World Wars, & the technological & service industries of the late 20th & early 21st centuries. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics into US labor history in a manner that fosters understanding & appreciation of the perspectives & experiences of these groups as well as their contributions to, & interactions within, America's wider labor history.

HIS 115 History of the American Frontier 3 Units
A Surv. of the history of civilization from the beginnings in Mesopotamia & Egypt through Classical Greece with emphasis on institutional & social development.

HIS 116 Recent Latin America 3 Units
Recent development of Hispanic & Portuguese America, emphasizing the evolution of Indp. states

HIS 117 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 118 Medieval Europe 3 Units
General Intro to the history of Europe, from the later Roman Empire to the end of the Middle Ages

HIS 119 Medieval Europe 3 Units
A Surv. of American political, economic, social, & intellectual history from colonial days through the present. Topics include: indentured servitude & free labor in colonial America, slavery in the antebellum US, industrialization, the rise & fall of unions, the role of workers in the two World Wars, & the technological & service industries of the late 20th & early 21st centuries. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics into US labor history in a manner that fosters understanding & appreciation of the perspectives & experiences of these groups as well as their contributions to, & interactions within, America's wider labor history.

HIS 120 World History to 1500 3-4 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 121 World History Since 1500 3-4 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 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 the 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 course 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  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&ng & 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 underståing 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 underståing 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 underståing & 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  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.

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 Surviving 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  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

Interdisciplinary Studies - Rock County Courses

INT 290  Puerto Rico in the 20th century: History and Literature  3 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. (This course in combination with ITA 104 would be equivalent to an ITA 101 course.)
PREREQ: ITA 103 OR CONSENT OF INSTRUCTOR

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. (This course in combination with ITA 103 would be equivalent to an ITA 101 course.)
PREREQ: ITA 103 OR CONSENT OF INSTRUCTOR

ITA 106  Second Semester Italian--Part I  2 Units
Continuation of ITA 101 or ITA 104. This is the first 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. (This course in combination with ITA 107 would be equivalent to an ITA 105 course.)
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. (This course in combination with ITA 106 would be equivalent to an ITA 105 course.)
PREREQ: ITA 106 OR CONSENT OF INSTRUCTOR

Learning Resources - 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  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 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 Information 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  1-3 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, conducting & organizing research, thinking critically, working effectively in groups & giving presentation. This course is offered through a campus TRIO program.

LEA 113  TRIO College Reading and Studying 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. The 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 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 Sem 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 103 Course Supplement 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 1 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 underst& 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 Mandarin 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 st&ards & 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 Mandarin 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  0 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 vary depending on the site & program of study. Complete Info is available from your UW Colleges’ Student Services Office

Mathematics - 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  2-3 Units
Designed for students who have had 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  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 099  Mathematics Tutorial  1-3 Units
MAT 099 is intended for students concurrently enrolled in any mathematics course from MAT 090 to MAT 124. Each section being offered will support students from only one of the courses. These support sections will be run in a highly interactive format providing mathematics instruction & instilling study skills & strategies for succeeding in mathematics courses. The content & skills will empower students to succeed in their concurrent Mathematics course & higher-level Mathematics courses. Concurrent enrollment in any math 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 109 OR EQUIVALENT

MAT 105  Introduction to College Algebra  3-4 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 103 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 SCORE

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 091 OR EQUIVALENT 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, 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 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  3-4 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  4-5 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 & 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 & Analytical Geometry III  4-5 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
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 GRADE OF C OR BETTER IN MAT 124 OR EQUIVALENT OR CONSENT OF INSTRUCTOR

MAT 234  Calculus of Several Variables  3-4 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.
PREREQ: A GRADE OF C OR BETTER IN MAT 222 OR EQUIVALENT

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 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.
PREREQ: A GRADE OF C OR BETTER IN MAT 222 OR EQUIVALENT

MAT 290  Special Topics in Mathematics  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  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  1-3 Units
Prereq: Sophomore standing & 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 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.
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

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, 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, 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 MUSC 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 MUSC 002 AND/OR CONSENT OF INSTRUCTOR

MUS 070 Orchestra 2 Units
Open to all students with experience playing an orchestral instrument.

MUS 071 Band 1 Units
Open to all students with experience playing a b& instrument.

MUS 072 Chorus 1 Units
Open to all students.

MUS 074 Jazz Ensemble 1 Units
Open to all students with previous experience playing an instrument.

MUS 075 Small Vocal Ensemble 1 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 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  Woodwind 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-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 underst&ing 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.
**Philosophy - Rock County Courses**

**PHI 101 Introduction to Philosophy 3 Units**
An Intro to Phil. as an activity of clarifying ideas, developing & evaluating positions & arguments, & thinking critically about the Big Ideas That Matter, such as right & wrong, free will, God, the good life, knowledge, truth, education, & rationality. Typically involves reference to the leading figures & schools of thought in the history of Phil..

**PHI 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, & 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, Dao de Jing, & Zhuangzi

**PHI 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.

**PHI 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.

**PHI 205 Philosophy of Love, Sex, and Friendship 3 Units**
A philosophical examination of personal relationships & interactions such as family, friendship, sex, & romance, with an eye toward their relevance 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 210 Thinking Critically 3 Units**
An intro to critical thinking, with an emphasis on its importance to human life (e.g., education, employment, morality, politics, religion). The primary focus of the class is the practical application of critical thinking by way of competence in key reasoning methods, typically including the construction & analysis of informal arguments, the identification of fallacies, basic inductive logic, statistical reasoning, etc

**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 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. Theories may include anthropocentrism, biocentrism, ecocentrism, Leopold's 4 & 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 understand 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 3 Units
Each course offering must be approved by both the local campus & the chair of the department.

PHI 299 Independent Reading in Philosophy 1-3 Units
Program must be approved by chair of the department. PREREQ: CONSENT OF INSTRUCTOR

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 PHY 141, PHY 201 or equivalent. PREREQ: None

PHY 110 Physics for the 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 muscles, the several senses & neural processes) & to the physics of commonly used instruments & equipment. 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 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  4-5 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 to 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  4-5 Units
A continuation of Physics 141. Electricity, magnetism, light, & some modern physics. Three hours of lecture & three to 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  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  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  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  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, commander-in-chief & head of state.

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 250

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 and 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 ANTI REQ: 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 ANTI REQ: 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)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
(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, & 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

(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, & 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 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.

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 understand 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, exegetical 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.
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.

SOC 234 Sociology of Race and 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.

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.

SOC 246 Juvenile Delinquency 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.

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 exp&ed 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.

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.

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.

SOC 285 Sociology of Health and 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.

SOC 291 Selected Topics in Sociology 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 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 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 exp&ed 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.

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 quantitative & qualitative 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 101 or SPA 104. This is the first module of a two-part second-Sem. sequence. Field trip may be required. 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 107 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 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 205 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 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 105 OR SPA 107 OR CONSENT OF INSTRUCTOR

SPA 216 Elementary Conversation 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 201 OR SPA 204 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 & 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  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.
PREREQ: ENG 101

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.

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  2-3 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  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