

WLEE 250	Wilderness First Aid	3
WLEE 257	Environmental Ethics and Skills in Outdoor Pursuits	2
WLEE 310	Outdoor Pursuits Education: Water-Based	3
WLEE 320	Outdoor Pursuits Education: Land-Based	3
WLEE 350	Wilderness Expedition	3

**OPTION 2** **19 Semester Hours**

*Required courses:*

PSY 240	Social Psychology	3
WLEE 101	Introduction to Outdoor Education	3
WLEE 220	Theory and Practice of Experiential Education	3
WLEE 305	Risk Management and Legal Liability in Outdoor Programs	3
WLEE 340	Outdoor Program Administration	3

*Select four courses:*

WLEE 151	Canoeing	4
WLEE 152	Rock Climbing	
WLEE 155	Kayaking	
WLEE 157	Backpacking	
WLEE 159	Sea Kayaking	

**TOTAL HOURS REQUIRED**

**MINIMUM 19-23 SEMESTER HOURS**

## SPECIALIZED LEARNING OPPORTUNITIES

Many academic disciplines across the college offer students the option of pursuing specialized learning opportunities through special topics seminars, independent studies, internships, and practica. See descriptions below. For more information about provisions governing such options in particular programs, consult the appropriate division chair or major coordinator.

### Special Topics Seminars 290/390/490

**Variable Credit**

Special Topics Seminars are varying-emphasis courses and are intended to enhance student learning by providing academic opportunities beyond what the College offers in its formally approved curriculum. These courses encourage both in-depth reading of and reaction to topical issues. Individual research and reports, team projects, and class discussion facilitate creativity, inquiry, and a variety of perspectives. Many academic disciplines offer these seminars, and a student may take more than one special topic seminar if the topic is not duplicated.

### Academic Practicum/Internship 269/369/469

**Variable Credit**

Designing and conducting a practicum or internship enables a student to receive academic credit for hands-on, non-classroom work in any faculty-approved area of study that falls within the general boundaries of the Brevard College curriculum. A practicum involves the student in completion of a specific project or set of projects as assigned by the faculty sponsor. An internship involves 40-50 hours of supervised on-site hours per hour of academic credit awarded. Other activities pertinent to practica or internships include

regular meetings with faculty sponsors and the on-site supervisor (where appropriate), maintaining a journal or log of experiences, and producing a concluding report. An appropriate disciplinary prefix is attached to each practicum or internship (e.g. HIS 269). Prerequisites: Completion of 45 semester hours; a 2.0 grade point average or higher; approval of faculty sponsor. *NOTE: Certain majors have their own distinctive internship programs with discipline-specific prerequisites and expectations. These are included with their individual course numbers in the listing of course offerings by program.*

#### **Teaching Assistantship 279/379/479**

**1-2 Semester Hours**

Teaching assistantships provide students the opportunity to participate in multiple aspects of teaching in a classroom or laboratory environment, receiving close mentoring from their supervising faculty members and in turn serving as mentors for other students. Teaching assistants prepare a statement of learning goals to accomplish through their mentorship, receive weekly briefings and assignments from their professor, and assist in activities such as class or lab preparation, teaching and grading. Each hour of academic credit for a teaching assistantship entails 45 hours of documented work (generally 3-4 hours per week). Students interested in pursuing such teaching/learning opportunities should consult the appropriate major or minor coordinator, instructor, or division chair. Prerequisites: by invitation only; normally students will be of junior/senior standing and will have taken in a prior semester the courses for which they are serving as teaching assistants. No more than four credits toward graduation may be earned in 279/379/479 assistantships.

#### **Directed Study (variable course number)**

**Variable Credit**

Directed Study is the teaching of a Catalog course in which the student is unable to attend the scheduled class sessions, usually due to a schedule conflict. The course is taught by an instructor who ordinarily teaches the course. The instructor and the student work together to cover the same subject matter covered in the course during the regular term. Students interested in a directed study must initially consult with their academic advisor before attempting to register for the study. This course carries the same designation as the regular course (e.g., PSY 101). For more information, see page 58.

#### **Independent Study 089/289/389/489**

**Variable Credit**

These courses are developed in concert with student and faculty interests and specialties and carry one to three hours' credit. Students who intend to transfer from Brevard College must be aware that transferability of these credits cannot be guaranteed. Independent study is defined as the combined study, research, learning, and reporting that is done independently by students on an agreed-upon topic with a professor who will be the student's supervisor and resource person. Independent study carries the prefix appropriate for the course, followed by 289, 389, or 489, depending upon the level. The 089 number is reserved for independent work at the developmental level, e.g. in Reading. For more information, see page 57.

## **ACADEMIC SUPPORT COURSES**

Placement in these courses is based on high school performance, SAT scores and College Placement tests. Only those students whose placement profile so indicates may take these courses. No academic support courses will count toward graduation or the cumulative hours a student earns. However, these courses count in the total number of hours a











**ART 460                      Photography IV    3 Semester Hours**  
 ART 460 will emphasize self-directed engagement and development of a cohesive (thematic) body work evolving from individual interests. Alternative processes and materials will be utilized in addition to conventional film and digital photographic processes. Prerequisite: ART 261, ART 360. ART 230 strongly recommended.

**ART HISTORY (AH)**

**AH 201                      Art History I    3 Semester Hours**  
 An introduction to the history of art, this course looks at art and architecture from the Stone Age, ancient Greece and Rome, and from the Medieval period into the Early Renaissance.

**AH 202                      Art History II    3 Semester Hours**  
 An introduction to the history of art, this course examines masterpieces from the Renaissance, through the Baroque, Rococo, Neoclassical, and Romantic periods. Students follow the progression of art through Impressionism, Post-Impressionism, and through the 20th century, including contemporary artists shaping today’s art.

**AH 210                      World Art    3 Semester Hours**  
 This course introduces the art and architecture of non-western societies around the globe. The survey is arranged both chronologically and geographically. Offered every other year.

**AH 321                      Art and Archaeology of Ancient Egypt    3 Semester Hours**  
 This course offers an introduction to the history of Egyptian art and archaeology from its early development to the end of pharaonic Egypt under Cleopatra, followed by a review of Egypt under Roman rule—a period of over 3000 years. In addition, the course tracks the discovery of ancient Egypt first by European explorers and travelers, later by treasure hunters and collectors, and finally by trained archaeologists. Prerequisite: Sophomore standing or permission of instructor. Offered fall semester in even years.

**AH 322                      Art and Archaeology of the Greek Bronze Age    3 Semester Hours**  
 This course offers an introduction to the archaeological remains of ancient Greece from the Paleolithic and Neolithic periods through the Bronze Age, c. 20,000-1000 BC, with special emphasis given to the Minoan and Mycenaean cultures of Crete and the Greek mainland. Topics include the status of women in Minoan society, the great volcanic eruption of Thera, and evidence for the historicity of the Trojan War. Prerequisite: Sophomore standing or permission of instructor. Offered spring semester in odd years.

**AH 323                      Art and Archaeology of Ancient Greece    3 Semester Hours**  
 This course surveys the development of ancient Greek painting, sculpture, and architecture from the Greek Dark Age (c. 1000 BC) through the Archaic, Classical, and Hellenistic periods (to 27 BC). Topics include the architectural development of the Acropolis in Athens, the Panhellenic sanctuaries at Olympia and Delphi, and the Greek interest in the male athlete as a vehicle for artistic expression. This course has an interdisciplinary focus on Greek history and culture. Prerequisite: Sophomore standing or permission of instructor. Offered fall semester in odd years.

**AH 324**                      **Art and Archaeology of Ancient Italy and the Roman Empire**                      **3 Semester Hours**

This course surveys the art and archaeology of ancient Italy, from the early development of Republican Rome to the growth of the Roman Empire and the embellishment of Rome as the capital of antiquity's largest empire. Topics include the Etruscan civilization, the art and architecture of Republican Rome, Augustan art, and the rise of Imperial Roman art and architecture that spread into Greece, Turkey, Egypt, France, Spain, Britain, and other parts of the European and Mediterranean worlds. This course also has an interdisciplinary focus on Roman history and culture. Prerequisite: Sophomore standing or permission of instructor. Offered spring semester in even years.

**AH 325**                      **Seminar in Ancient Art and Archaeology**                      **3 Semester Hours**

This course allows students to investigate more deeply into a specialized topic in the ancient art and archaeology of the Mediterranean, including Egypt, Greece, and Rome. Topics may be broadly focused (e.g., women in antiquity) or narrowly focused (e.g., Greek painting). Prerequisite: Sophomore standing or permission of instructor.

**AH 350**                      **Survey of Modern Art**                      **3 Semester Hours**

The Age of Reason, the American Revolution, and the French Revolution of the 18th century all heralded the rise of a modern age and, with it, modern art. This course surveys Neoclassical and Romantic art in Europe and the United States, followed by the "isms": Realism, Impressionism, Post-Impressionism, Surrealism, Expressionism, Cubism, and others leading to today's Postmodernism. Prerequisite: Sophomore standing or permission of instructor.

**AH 353**                      **Seminar in Modern Art**                      **3 Semester Hours**

Seminar topics develop from material presented in AH 350 and include 19th century and 20th century art, contemporary art, and theories of modern art. Prerequisite: Sophomore standing or permission of instructor.

**AH 410**                      **Senior Project**                      **3 Semester Hours**

In consultation with advisors, Art majors with a concentration in Art History will write a senior paper or present a project. The length and breadth of the project/paper will vary according to the subject chosen. Prerequisite: senior status and Art major with Art History emphasis.

**BCE**                      **SEE BREVARD COMMON EXPERIENCE**                      **(p. 135)**

**BIOLOGY (BIO)**

**BIO 105**                      **Concepts of Biology**                      **3 Semester Hours**

**BIO 105L**                      **Lab**                      **1 Semester Hour**

This course, intended for the liberal arts student, provides an introduction to concepts in biology. Topics include cellular biology (structure and function, cellular respiration, photosynthesis), genetics (Mendelian, population, molecular), evolution (natural selection, adaptation, microevolution), and ecology (population, community, ecosystem). A student may not enroll in this course if he/she previously received credit for BIO 110/110L or BIO 120/120L.

**BIO 110**                      **General Biology: Ecology and Population Biology**                      **3 Semester Hours**

**BIO 110L**                      **Lab**                      **1 Semester Hour**

This course introduces students to the unifying principles of biology. Topics include ecology, Mendelian and population genetics, evolution, animal behavior, and development.

- BIO 120 General Biology: Cellular and Molecular Biology 3 Semester Hours**  
**BIO 120L Lab 1 Semester Hour**  
 Students in this course learn the unifying principles of biology. Topics include biochemistry, cell structure and function, bio-energetics, and molecular genetics.
- BIO 207 Medical Terminology 3 Semester Hours**  
 Introducing students to the specialized language used in medicine and health, this course provides students with a foundation to succeed in a chosen allied medical field. Students study the formation of words and various aspects related to their use in diagnostic, medical, and health-related fields.
- BIO 210 Human Anatomy and Physiology I 3 Semester Hours**  
**BIO 210L Lab 1 Semester Hour**  
 The first course in a two-semester sequence, BIO 210/ 210L is designed for Exercise Science and Health Science Studies majors, and students interested in allied health and nursing. Lecture and laboratory topics include the structure and function of the integumentary, skeletal, muscular, and nervous systems. Offered fall semester. Prerequisite: BIO 120/120L or CHE 103/103L.
- BIO 220 Human Anatomy and Physiology II 3 Semester Hours**  
**BIO 220L Lab 1 Semester Hour**  
 A continuation of BIO 210/BIO 210L, this course examines the structure and function of the cardiovascular, respiratory, digestive, lymphatic, endocrine, and urogenital systems through laboratory and lecture. Emphasis is on normal regulatory mechanisms and homeostatic processes. Offered spring semester. Prerequisite: BIO 210/210L.
- BIO 240 Biodiversity 3 Semester Hours**  
**BIO 240L Lab 1 Semester Hour**  
 A study of the diversity of life on earth, BIO 240 examines the structure and function, development, natural and geologic history, classification, and ecological role of various organismal groups, including the plants, animals, bacteria, protists, and fungi. Prerequisites: BIO 105/105L, BIO110/110L or BIO 120/120L. Offered fall semester.
- BIO 250 Animal Behavior 3 Semester Hours**  
 A general introduction to the field of behavior. Topics include evolution and behavior, neural and hormonal mechanisms of behavior, behavioral ecology, and sociobiology. Prerequisites: BIO 105/105L, BIO 110/110L, or 120/120L Offered fall even numbered years.
- BIO 260 Neurobiology 3 Semester Hours**  
 A general introduction to the field of neurobiology with a focus on the fundamental principles of neuroscience including cellular and molecular neuroscience; nervous system development; and sensory, motor and regulatory systems. Offered in fall of odd-numbered years. Prerequisites: BIO 105/105L, BIO 110/100L, or BIO 120/120L.
- BIO 281 Animals & Plants of the Southern Appalachians, Fall 3 Semester Hours**  
 Through field and laboratory experience, students study natural history, taxonomy, and identification of the organisms active during the summer and fall seasons in the Southern Appalachians. Offered every other fall semester (odd years). Prerequisite: Any 100 level Biology course.
- BIO 282 Animals & Plants of the Southern Appalachians, Spring 3 Semester Hours**  
 Through field and laboratory experience, students study natural history, taxonomy, and identification of the organisms active during the winter and spring seasons in the Southern Appalachians. Offered every other spring semester (odd years). Prerequisite: Any 100 level Biology course.

**BIO 320**                      **Genetics**    **3 Semester Hours**  
**BIO 320L**                      **Lab**    **1 Semester Hour**  
 Students learn the principles and mechanisms of heredity and gene expression. Topics studied include transmission genetics, molecular genetics, population genetics, and quantitative genetics. The laboratory section focuses on the experience of genetics—the planning, performance, observation, evaluation, and reporting of genetic experiments. Offered spring even numbered years. Prerequisites: BIO 110/110L and BIO 120/120L.

**BIO 330**                      **Evolutionary Biology**    **3 Semester Hours**  
 Students learn the mechanisms of change, both micro and macro, in population characteristics. Topics include sources of variation, types of selection, cultural inheritance, speciation, and population genetics. Prerequisites: BIO 110/110L and BIO 120/120L. Offered spring odd numbered years.

**BIO 340**                      **Conservation Biology**    **3 Semester Hours**  
 Conservation biology is the science of preserving biodiversity and sustaining the health and integrity of our planet. The three major goals of the discipline are to (1) Document the Earth's biological diversity; (2) Investigate the effects of humans on the Earth's species and ecosystems; and (3) Develop scientifically-based approaches to preserve and restore these species and ecosystems. Topics include conservation ethics and values, biodiversity, restoration ecology, and sustainable development. Prerequisites: BIO 110/110L, BCE 211/211L, and Junior or Senior standing.

## **BREVARD COMMON EXPERIENCE (BCE)**

**BCE 102**                      **Transfer Student Forum**    **1 Semester Hour**  
 The Transfer Student Forum is a small group session offered to all new transfer students who bring in 28 or more credits, entering the college with sophomore standing or higher. This course takes into consideration the special needs of more experienced students, aiming to insure that their academic and social transitions into the College community are successful. Normally, the course meets two times a week for the first half of the semester and is completed by the time of preregistration for the following semester. After the first week of classes, students may elect to waive the Transfer Student Forum, with the consent of their academic advisors.

**BCE 111**                      **Perspectives**    **3 Semester Hours**  
 Perspectives is a seminar designed to assist first-year students in their transition to college, introduce them to the Brevard College faculty's passion for learning, and help them cultivate the type of insight that comes from exploring a single issue through multiple "ways of seeing." Each seminar focuses on a topic chosen by the instructor to highlight her/his distinctive interests and to help students practice skills of interdisciplinary thinking, critical analysis, and effective communication. Some expectations and assignments are shared across all sections of Perspectives, making the class a "common experience" for all first-year students. Skills and dispositions developed in Perspectives provide a firm foundation for the college experience, and in particular for future courses in the college's interdisciplinary core (LINC, Environmental Perspectives, and BC and Beyond).

**BCE 211**                      **Environmental Perspectives**    **3 Semester Hours**  
 This course, part of the Brevard Common Experience, is an interdisciplinary study of the past, present, and future of our local, regional, national, and global environments. It looks at both natural and human-built environments, effects of human activities, and environmental economics, ethics, and policy. The course will consist of lectures, critical thinking discussions, and guest speakers. Prerequisite: BCE 111; Co-requisite: BCE 211L.

**BCE 211L Environmental Perspective Lab 1 Semester Hour**  
 This lab augments the BCE 211 lectures and provides experiential learning opportunities related to the concepts learned in lectures. Prerequisite: BCE 111; Co-requisite: BCE 211.

**LINC** To meet the LINC requirement, students enroll simultaneously in two courses from different academic disciplines designated by the letters LNC, designed to complement one another in exploring a set of common themes from different perspectives (e.g. ENG 241LNC and REL 288LNC). Students participating in LINC also attend campus events related to the campus theme ("Sustainability: Awareness Into Action" in 2008-2010). The primary goals of connecting the two courses with each other and with campus events are to (1) engage students in communal learning and cross-disciplinary analysis, (2) foster students' abilities to apply humanistic study and analysis to significant current issues, and (3) create a shared intellectual culture related to humanistic studies at the College. The two courses may also meet Distribution Area requirements.

**BCE 411 BC and Beyond 3 Semester Hours**  
 BC and Beyond seeks to help students continue the life-long process of synthesizing knowledge, skills, and understanding acquired at Brevard College into habits of thought and action. Through a continuum of levels - personal, community, cultural, and global - the course will address such compelling topics as Excess and Simplicity; Technology and the Future; and Culture, Conflict, and Resolution. The course offers a mixed-format structure: lectures, research, presentations, films, and open dialogue. Prerequisites: Senior status and completion of BCE 111, BCE 211/211L, and one LINC.

**BUSINESS AND ORGANIZATIONAL LEADERSHIP**  
**SEE ORGANIZATIONAL LEADERSHIP (p. 167)**

## CHEMISTRY (CHE)

**CHE 101 General Chemistry I: An Environmental Approach 3 Semester Hours**  
**CHE 101L Lab 1 Semester Hour**

This course, intended for environmental studies or liberal arts students, introduces students to concepts and theories of chemistry as they apply to environmental issues. Students should gain an understanding of the underlying chemical causes of selected environmental issues, and an understanding of the meaning of data presented. Critical thinking will also be used to analyze risks versus benefits for a given situation. A student may not receive credit for both CHE 101/101L and CHE 102/102L. Offered every spring semester.

**CHE 102 General Chemistry II: A Forensic Approach 3 Semester Hours**  
**CHE 102L Lab 1 Semester Hour**

This course, intended for non-science majors, will introduce students to concepts and theories of chemistry as they apply to the practicing criminalist. The material studied will focus on real world forensic issues. Chemical concepts will be introduced on a need to know basis. Lab will involve analysis of substances such as glass, soil, hair, ink, bullets, and drugs. A student may not receive credit for both CHE 101/101L and CHE 102/102L. Offered every fall semester.

**CHE 103 Principles of Chemistry I 3 Semester Hours**  
**CHE 103L Lab 1 Semester Hour**

Designed for science majors, lecture and laboratory topics include atomic structure, chemical reactions and stoichiometry, thermochemistry, electronic structure and the periodic table, bonding, structure and nomenclature of molecules, and physical states of matter. Prerequisite: MAT 100 or placement. Offered every fall semester.

<b>CHE 104</b>	<b>Principles of Chemistry II</b>	<b>3 Semester Hours</b>
<b>CHE 104L</b>	<b>Lab</b>	<b>1 Semester Hour</b>
Change the description to read: A continuation of CHE 103/103L. This course examines solids and liquids, oxidation-reduction reactions, electrochemistry, kinetics, chemical equilibrium, theories of acids and bases, and thermodynamics. Prerequisite: CHE 103/103L. Offered every spring semester.		
<b>CHE 201</b>	<b>Organic Chemistry I</b>	<b>3 Semester Hours</b>
<b>CHE 201L</b>	<b>Lab</b>	<b>1 Semester Hour</b>
This course focuses on the study of organic matter and the changes it undergoes. General topics include chemical properties, reaction mechanisms; and theories behind the reactivity of carbon-containing compounds are investigated. The laboratory section focuses on the experience of organic chemistry the planning, performance, observation, evaluation, and reporting of organic chemical reactions. The labs will introduce the safe performance, glassware, instrumentation, and operations of organic chemical reactions. Prerequisite: CHE 104/104L or permission of instructor. Offered every fall semester.		
<b>CHE 202</b>	<b>Organic Chemistry II</b>	<b>3 Semester Hours</b>
<b>CHE 202L</b>	<b>Lab</b>	<b>1 Semester Hour</b>
This course represents a continuation of CHE 201/201L which together completes the organic chemistry series. The lecture and laboratory sections begin where CHE 201/201L ended the previous semester. Prerequisite: CHE 201/201L. Offered every spring semester.		
<b>CHE 210</b>	<b>Environmental Chemistry</b>	<b>3 Semester Hours</b>
<b>CHE 210L</b>	<b>Lab</b>	<b>1 Semester Hour</b>
This course focuses on the chemistry of the Earth's natural processes in air, water and soil, as well as the chemical aspects of problems that human beings have created in the natural environment. General topics include the major concepts and principles of atmospheric chemistry, hydrochemistry, and soil chemistry with the materials-oriented physiochemical, and bio-ecological and special chemical-technical processes. The laboratory section focuses on the experience of environmental chemistry- the planning, performance, observation, evaluation, and reporting of environmental chemical experiments. The labs will introduce the safe performance, instrumentation, and operations of environmental chemical reactions. Offered fall semester of odd- numbered years. Prerequisites: CHE 102/102L, CHE 201/201L, CHE 104/104L, or permission of instructor.		
<b>CHE 250</b>	<b>Quantitative Analysis</b>	<b>3 Semester Hours</b>
<b>CHE 250L</b>	<b>Lab</b>	<b>1 Semester Hour</b>
This course introduces students to various methods of chemical analysis including classical volumetric and gravimetric methods and selected instrumental techniques. Discussion of error, uncertainty and elementary statistics are also included. Offered spring semester. Prerequisite: CHE 104/104L and MAT 141.		
<b>CHE 301</b>	<b>Biochemistry</b>	<b>3 Semester Hours</b>
<b>CHE 301L</b>	<b>Lab</b>	<b>1 Semester Hour</b>
This course focuses on the chemistry of biological organisms and the structures of the most important classes of biological molecules. General topics include biochemistry's response to the three major evolutionary challenges-the interconversion of different forms of energy, molecular reproduction, and the adaptation of cells and organisms to changing environments. The laboratory section focuses on the experience of bio-chemistry - the planning, performance, observation, evaluation, and reporting of biochemical experiments. The labs will introduce the safe performance, instrumentation, and operations of biochemical reaction. Offered spring semester of even numbered years. Prerequisite: CHE 201/201L		

## COMMUNICATIONS (COM)

- COM 105 Introduction to Journalism 3 Semester Hours**  
 This course offers an introduction to the elements of contemporary journalism concentrating on the writing of various types of news stories according to professional journalism standards. Participation on the staff of the Clarion is required.
- COM 106 Publication Laboratory 1 Semester Hour**  
 The journalism Laboratory gives practical experience in publishing through work on the Clarion or Chiaroscuro staff. It cannot be taken concurrently with COM 105 unless the COM 105 instructor and the Humanities Division Chair grant permission. Satisfies the publication lab requirement for the English major and minor.
- COM 110 Introduction to Communications 3 Semester Hours**  
 This course offers a survey of the basic principles and theories of human communication and their practical applications to various discursive contexts such as relationships, job performance, and public communication.
- COM 212 Mass Media and Society 3 Semester Hours**  
 Mass Media and Society explores both the social and personal impact mass media have on public policy, behavior, consumption, and other cultural phenomena. The course offers an overview of the major fields within mass media such as advertising, telecommunications, newspapers, magazines, books, and film, as well as a closer examination of current topics, issues, and controversies pertaining to mass media.
- COM 302 Environmental Journalism 3 Semester Hours**  
 This advanced course confirms the importance of journalistic ethics and professionalism in writing about environmental issues and policies for mass media such as newspapers and magazines. Class experiences stress creative thinking, thorough research, interviewing, information organizing, and clear writing. The class is designed to help students understand concepts and issues in environmental journalism and to develop the skills to write for and publish in the field of environmental journalism.
- COM 306 Publication Production 1-3 Semester Hours**  
 This course gives students experience managing the production of a student publication. Students are responsible for the design, staffing, public relations, writing, editing, setting deadlines, and other logistics necessary for publication. Open only to editors and administrative staff of student publications, by permission of the publication advisor. Satisfies the publication lab requirement for the English major and minor.
- COM 340 First Amendment Freedoms 3 Semester Hours**  
 This course explores the theories, doctrines, statutes, and cases related to the First Amendment guarantees of Freedom of Religion [Separation of Church and State], Speech and Assembly.
- COM 380 Argumentation and Debate 3 Semester Hours**  
 Argumentation and Debate is designed to enhance the critical thinking, logical reasoning, research and oral advocacy skills of the student. Regardless of the student's program of study, the concepts learned in the class will contribute to her or his success in the acquisition of knowledge and research skills. This course can be taken for honors credit. Prerequisite: Sophomore status or prior debate/communications experience.

## CRIMINAL JUSTICE (CRJ)

**CRJ 101**                      **Introduction to Criminal Justice**                      **3 Semester Hours**

This course is designed to provide students with an overview of three integral parts of the criminal justice system. Students will be exposed to the historical development and contemporary status of law enforcement, the judicial system, and correctional systems. In addition, the development of critical thinking skills in relation to criminal behavior, justice, and correctional philosophies will be stressed.

**CRJ 205**                      **Law Enforcement Systems and Practices**                      **3 Semester Hours**

The history and development of local, state, and federal law enforcement agencies, as well as organizational structure, goals, methods, and effectiveness of law enforcement practices, will be discussed. Current issues facing various levels of law enforcement will be examined. Students will gain a better understanding of the role law enforcement plays within society and the criminal justice system. Prerequisite: CRJ 101.

**CRJ 210**                      **Social Science Research Methods**                      **3 Semester Hours**

CRJ 210 presents the basic principles of qualitative and quantitative research methods, including experimental studies, focus groups, interviews, and surveys. It addresses study design, implementation, interpretation, and presentation. Prerequisite: CRJ 101, SOC 201 or PSY 101.

**CRJ 215**                      **Judicial Systems and Practices**                      **3 Semester Hours**

This course is a study of the organization, structure and processes of local, state, and federal court systems. Topics discussed will include both civil and criminal law. Students will gain an understanding of the differences between local, state, and federal court systems. This will include an understanding of legal jurisdiction and legal representation for accused persons. Prerequisite: CRJ 101.

**CRJ 220**                      **Constitutional Law**                      **3 Semester Hours**

This course provides a detailed study of the Constitution of the United States; the workings of the Federal Courts, with emphases on the Supreme Court; and the effects of court decisions on national, and through incorporation of constitutional guarantees of civil liberties, state government. Prerequisite: CRJ 101 or PLSC 210.

**CRJ 225**                      **Deviant Behavior**                      **3 Semester Hours**

Through examination of how deviant behavior is constructed and controlled within society, the course will include discussions about theories of deviance, deviant identities, deviant acts, and deviant careers. Students will critically examine behaviors, why some behaviors are considered deviant, and the process by which deviant behaviors can sometimes become criminal behaviors. Prerequisite: CRJ 101 or SOC 201.

**CRJ 305**                      **Corrections**                      **3 Semester Hours**

This course offers an examination of the philosophy, historical development and current status of correctional systems. Issues related to incarcerated populations, legal rights, and various forms of punishment and corrections are included. Students will acquire an understanding of the goals of punishment and corrections and the ability to critically evaluate the effectiveness of correctional systems. Also, a greater knowledge of how policies related to punishment and corrections impact individuals and society will be stressed. Prerequisite: CRJ 101.

**CRJ 310                      Victimization                      3 Semester Hours**

Through study of crime victims and their roles within the criminal justice system, the course will focus on physical, psychological, and financial impacts victimization has on individuals and society. The legal rights of victims throughout the justice process will also be discussed. Student will learn about the overreaching impact crime has on the lives of victims and on society as a whole. Prerequisite: CRJ 101.

**CRJ 315                      Juvenile Justice System                      3 Semester Hours**

This course offers students an examination of the historical development and contemporary status of the juvenile justice system in the United States. Critical evaluations of current juvenile justice policies and programs will be explored. Prerequisite: CRJ 101.

**CRJ 400                      Criminology                      3 Semester Hours**

This course examines various theories of criminal behavior, their development, and status in contemporary thought. Students will develop an appreciation for various levels of explanation utilized to study criminal behavior. Critical evaluation skills will be stressed to assess the strengths and weaknesses of each theory and the potential for incorporation into the criminal justice system. Prerequisite: CRJ 101 and 210.

**CRJ 405                      Ethical Issues in Criminal Justice                      3 Semester Hours**

This course will examine ethical and moral philosophies and various ethical dilemmas faced by law enforcement, judicial, and correctional personnel. Critical thinking skills about various types of ethical and unethical behavior will be developed. Also, students will gain a better understanding about the impact ethical and unethical behavior has on the criminal justice system and society as a whole. Prerequisites: CRJ 101, 205, 210, 215, 305, and 400.

**CRJ 469                      Internship in Criminal Justice                      3 Semester Hours**

Students will gain exposure to the daily operations of a criminal justice agency through a faculty supervised field experience. Students are expected to conduct themselves in a professional manner, adhere to all agency rules/regulations, and fulfill all agency and faculty assignments. Prerequisites: CRJ 101, 205, 210, 215, 305, Junior/Senior status, minimum 2.0 GPA, and permission of the Major Coordinator.

**CRJ 489                      Independent Study                      3 Semester Hours**

This course provides students with an opportunity to take part in research beyond the requirements of other Criminal Justice courses through directed study. In doing so, students will become more familiar with the research process and hone their critical reading and researching skills. Prerequisites: CRJ 101, 210, Junior/Senior status, and permission of instructor.

**ECOLOGY (ECOL)****ECOL 245                      General Ecology                      3 Semester Hours**

Ecology involves the discovery of the principles that govern survival, growth, distribution, and abundance of organisms; interactions and relationships among populations in ecological communities; and the interactions of communities with the abiotic environment to form ecosystems. Quantitative and qualitative sampling techniques will be used in the field and laboratory to obtain population and community data. Written lab reports and a formal oral presentation are required. Prerequisites: BIO 110/110L and BIO 120/120L Offered every spring semester.

**ECOL 350**                      **Terrestrial Ecosystems**                      **3 Semester Hours**  
 This course takes a quantitative systems perspective using the watershed as a fundamental landscape unit and includes the roles of humans in ecosystems. The natural ecosystem is investigated in terms of its structure and function including trophic chains, biomass distribution, chemical distribution, soils, biodiversity, energy flow, biogeochemical cycling, pollution, and primary and secondary production. Structure, function, and cultural use of ecosystems are integrated by developing models of ecosystems. Written lab reports and a formal oral presentation are required. Prerequisites: BIO 110/110L, BIO 120/120L, and ECOL 245. Offered fall of even numbered years.

**ECOL 355**                      **Agroecology**                      **3 Semester Hours**  
 Agroecology involves the application of ecological science to the design and management of sustainable agroecosystems. This interdisciplinary course will examine both key scientific (soil science, pest management, etc.) and socioeconomic (farming communities and environmental justice, rise of the organic food industry, etc.) aspects of modern agriculture. The course format includes lectures and discussions, outside speakers, lab and field activities, and local field trips. Prerequisites: BCE 211, Junior or Senior standing, or permission of instructor.

**ECOL 360**                      **Aquatic Ecosystems**                      **3 Semester Hours**  
 This course takes a quantitative systems perspective using freshwater and marine ecosystems and includes the roles of humans in ecosystems. The natural ecosystem is investigated in terms of its structure and function including trophic chains, biomass distribution, chemical distribution, biodiversity, energy flow, biogeochemical cycling, pollution, and primary and secondary production. Structure, function, and cultural use of ecosystems are integrated by developing models of ecosystems. Prerequisites: BIO 110/110L, BIO 120/120L, and ECOL 245. Offered fall of odd numbered years.

## **ECONOMICS (ECON)**

**ECON 201**                      **Macroeconomics**                      **3 Semester Hours**  
 A study of national production, employment, income, and price levels, Macroeconomics looks at how these forces relate to one another. Students also explore alternative theories of economic instability, fiscal policy, monetary policy, and international trade. Prerequisite: sophomore standing or permission of instructor.

**ECON 202**                      **Microeconomics**                      **3 Semester Hours**  
 A study of the market system, supply and demand, price mechanisms and allocation of resources, Microeconomics looks closely at competition, monopoly, and imperfect competition. Prerequisite: sophomore standing or permission of instructor. Prerequisite: ECON 201 or permission of instructor.

**ECON 301**                      **Political Economy and Social Thought**                      **3 Semester Hours**  
 Introduction to key controversies within the history of economic and social thought which provide basis for ongoing debates on the role of government, private enterprises and community within the capitalist economies. Topics include: historical overview of the rise of capitalism and the evolution of economic thought, classical liberalism and radical critiques; Great Depression and the New Deal; Neoliberalism and the modern global economy; poverty and income distribution, welfare reform, minimum wage, unemployment, class, race and gender inequality. Prerequisite: ECON 201 or 202 or permission of instructor.

**ECON 305 Labor Markets and Institutions 3 Semester Hours**  
 This course will explore the economic analysis of individual work decisions as well as macroeconomic trends related to work. In that context the evolution of the labor management relationship will be explored including the role of labor organizations. The course will also cover negotiations and conclude with a major negotiations project. Prerequisite: ECON 201.

## **EDUCATION (EDU)**

**EDU 101 Profession of Teaching (Introduction to Teaching) 3 Semester Hours**  
 The purpose of this course is to introduce the prospective teacher to the real world of teaching through classroom activities and a field experience of approximately 10 hours at local public schools. The course covers traditional and contemporary perspectives on teaching and learning; analysis of contemporary educational issues from a teacher's perspective; reflection on the teaching process as observed in the public school classroom; and exploration of personal needs and goals in relation to teaching. This course is not required as part of the professional studies sequence for teacher licensure.

**EDU 202 Foundations of Education 3 Semester Hours**  
 A study of the philosophical, historical, and social foundations of education in North Carolina and the United States. Main topics include teaching as a profession; history of U.S. education; administrative structure of schools; legal, political, and economic issues and trends; social class; race; and the problem of equal educational opportunity. Students will begin gathering artifacts for their professional portfolio. 15 hours of field experience in the public schools is required. Prerequisite: sophomore standing.

**EDU 301 Instructional Foundations 3 Semester Hours**  
 Students will develop curriculum, differentiate instruction, and implement authentic assessment strategies within the context of varied learning styles and multiple intelligences as well as multicultural factors. Students will learn a variety of strategies for facilitating an effective classroom atmosphere. Integration of technology will be explored in order to enhance the learning process. Students will be encouraged to develop habits of a life-long learner. The self-assessment portfolio process begun in EDU 101 and/or 202 will be continued in this course. Prerequisite: EDU 202; PSY 230; junior standing or permission.

**EDU 303 Differentiated Instruction 3 Semester Hours**  
 Helps the pre-service teacher identify, refer, and work effectively in the classroom with diverse learners; the gifted and talented, special needs, and ESL. A 10-hour practicum will accompany this course. Prerequisites: EDU 202; PSY 230; acceptance to Teacher Education Program or permission of Program Director.

**EDU 310 Methods in Teaching Science and Healthful Living in the Elementary School 3 Semester Hours**  
 The purpose of this course is to study the teaching practices that promote understanding of concepts, principles, and themes of science and healthful living. Supervised clinical experiences will provide opportunities for students to connect teaching theory with classroom practice. Prerequisite: EDU 303.

- EDU 311**                      **Methods in Teaching Social Studies and the Arts in the Elementary School**                      **3 Semester Hours**
- The design of this course is to acquaint pre-service teacher candidates with background information and strategies for presenting instruction in the social studies and the arts. The candidates will be presented with meaningful, relevant and authentic learning activities in the six areas of social sciences: anthropology, economics, history, geography, political science, and sociology. Prerequisite: EDU 303.
- EDU 315**                      **Methods in Teaching Reading/ Language Arts in the Elementary School**                      **3 Semester Hours**
- The purpose of this course is to introduce the pre-service teacher candidate to the teaching and learning processes associated with comprehensive literacy instruction in the elementary school. Developmental stages of learning to read and write, interactive teaching strategies, and instructional methods and materials will be presented. Supervised clinical experiences will provide opportunities for students to connect teaching theory with classroom practice. Prerequisite: EDU 303.
- EDU 316**                      **Methods in Teaching Math in the Elementary School**                      **3 Semester Hours**
- This course is a study of the instructional strategies that assist the pre-service teacher candidate in promoting the development of critical thinking, problem solving and performance skills in mathematics. Supervised clinical experiences will provide opportunities for students to connect teaching theory with classroom practice. Prerequisite: EDU 303.
- EDU 320**                      **Children's Literature**                      **3 Semester Hours**
- An overview of the history and development of literature for children. Different types of literature will be explored. Book selection, evaluation, and resources will be included. Students will engage in learning experiences which involve literary criticism, relationships between principles of human development and test interpretation, and application of course content to teaching practices and curriculum organization. Prerequisite: ENG 112.
- EDU 400**                      **Content Methods and Student Teaching: High School**                      **14 Semester Hours**
- The first 4 weeks of this course will prepare the students for their student teaching assignment by microteaching in their content area in the college classroom . It will include the exploration of reading and writing in each content area. The micro lessons will be evaluated by the college supervisor as well as the students. The 11-week full-day, student teaching experience will be based on the public school calendar under the direct supervision of a cooperating teacher. Prerequisites: completion of all required courses and admitted to student teaching program.
- EDU 401**                      **Student Teaching Seminar**                      **1 Semester Hour**
- To be taken concurrently with student teaching. Meets on a scheduled basis in order to provide ongoing support during the 11-week student teaching experience. Final portfolio assessment will be made during this class.
- EDU 405**                      **Student Teaching K-6**                      **14 Semester Hours**
- The 15-week full-day student teaching experience will be based on the public school calendar under the direct supervision of a mentor teacher. Prerequisites: completion of all required courses and admitted to student teaching program.

**EDU 410**                      **Student Teaching K-12: Art, Music, Physical Education, and Theatre**                      **14 Semester Hours**

The 15-week full-day student teaching will be divided between elementary and high school experiences under the direct supervision of a mentor teacher. Prerequisites: completion of all required courses and admitted to student teaching program.

**ENGLISH (ENG)**

**ENG 111**                      **Rhetoric and Composition**                      **3 Semester Hours**

This course emphasizes skills related to expository prose. Students write using major rhetorical modes and do basic research following MLA guidelines. The development of writing style through prewriting, writing, and revision is emphasized. Essays are regularly assigned. Some sections of ENG 111 will focus readings and writing assignments on themes such as Writing about Nature, Writing about the Arts, Writing about Media, etc.

**ENG 111H**                      **Honors Rhetoric and Composition**                      **3 Semester Hours**

An honors course, ENG 111H is an interdisciplinary writing seminar designed to develop students' abilities for writing clear, cogent expository prose. Thematically organized, topics will change on a semester by semester basis. This honors seminar is designed to promote rigorous written and oral intellectual exchange. Essays and research are regularly assigned. Prerequisite: participation in Brevard College Honors Program or permission of instructor.

**ENG 112**                      **Critical Inquiry and Communication**                      **3 Semester Hours**

A continuation of ENG 111, ENG 112 adds readings mainly from selected literature and further develops critical thinking skills, argumentative and persuasive, expressed in both written and oral forms. Essays and oral presentations are regularly assigned; a research paper and presentation are also required. Prerequisite: a grade of C- or higher in ENG 111 or 111H.

**ENG 112H**                      **Honors Critical Inquiry and Communication**                      **3 Semester Hours**

An honors course, ENG 112H is an advanced study of selected literature designed to promote rigorous written and oral intellectual exchange and to develop further students' critical thinking skills in argumentative and persuasive modes, expressed in both written and oral forms. Essays and oral presentations are regularly assigned; a research paper and presentation are also required. Prerequisite: a grade of C- or higher in ENG 111 or 111H, placement, participation in Brevard College Honors Program or permission of instructor.

**ENG 205**                      **British Literature**                      **3 Semester Hours**

A selected study of major writers, genres, periods, and/or themes in British Literature, this course may include such authors as Spenser, Shakespeare, Pope, Shelley, Keats, Arnold, and Tennyson. The course may be chronological or thematic, covering such topics as Medieval Literature or The Gothic Novel. May be repeated if the topic changes. Prerequisite: ENG 112 or 112H.

**ENG 206**                      **American Literature**                      **3 Semester Hours**

A selected study of major authors, genres, periods, and/or themes in American Literature, this course may include such writers as Thoreau, Hawthorne, Whitman, Dickinson, Frost, Faulkner, Hemingway and Morrison. May be repeated if the topic changes. Prerequisite: ENG 112 or 112H.

**ENG 207**                      **Creative Writing**                      **3 Semester Hours**

An introductory class, creative writing allows students to explore imaginative resources, develop descriptive power, and experiment with original poetry, fiction, and creative nonfiction. Prerequisite: ENG 112 or 112H.

- ENG 208**                      **World Literature**                      **3 Semester Hours**  
A selected study of major authors, genres, periods, nationalities, and/or themes in literature other than British and American (taught primarily in English translation). May be repeated if the topic changes. Prerequisite: ENG 112 or 112H.
- ENG 211**                      **Introduction to Film**                      **3 Semester Hours**  
A historical survey of the development of the film industry as a distinctive art form, this course promotes critical analysis through discussion and individual projects. Students view films from the silent era through modern times. Prerequisite: ENG 111 or 111H or permission of instructor.
- ENG 217**                      **Studies in Environmental Literature**                      **3 Semester Hours**  
Environmental literature reflects our historical ties to the land and begins with the premise that humans both affect and are affected by the natural world. In this course, students encounter poetry, fiction, memoirs, and other nonfiction works spanning the past four centuries of European settlement in North America, including works by such writers as Thoreau, Whitman, Dickinson, Cather, and Faulkner, as well as more recent writers, whose works document our long relationship with nature and the wilderness and the rise of ecological awareness in the 20th century. Prerequisite: ENG 112 or 112H.
- ENG 220**                      **Thematic Studies in Literature**                      **3 Semester Hours**  
Covering the basic terminology and methods of literary analysis, this topic-specific course introduces students to a range of historical and contemporary literatures, including various genres of American, British, and World literature and connects literature with other fields of study, showing its relevance to any major discipline. Critical essays and oral presentations are required. Sample themes might include war, ethics, reinvented stories, etc. Prerequisite: ENG 112 or 112H. May be repeated if the topic changes.
- ENG 240**                      **African-American Literature**                      **3 Semester Hours**  
Many of the most exciting writers in English today are African-American; they have discovered and rewritten their own history while filling in gaps in the larger quilt of American tradition. Authors studied may include Wheatley, Douglass, Hughes, Ellison, Wright, Brooks, Dove, and Morrison. Topics may include slavery, religion, family, and oral history. Prerequisite: ENG 112 or ENG 112H.
- ENG 241/341**                      **Women in Literature**                      **3 Semester Hours**  
Students in this course encounter novelists, poets, essayists, and critics whose works stem from their identity as women who think, feel, and write. These women may include Wollstonecraft, Stein, Woolf, Lessing, Plath, Levertov, Walker, Rich, and others. Readings explore the roles of women in varying racial and cultural situations. Students taking the course at the 300-level will do additional research and be expected to conduct analysis and interpretation at a more sophisticated level. Prerequisite: ENG 112 or ENG 112H; for enrollment at the 300-level, a prior course in literature.
- ENG 243**                      **Young Adult Literature**                      **3 Semester Hours**  
A study of literature for students grades six through twelve, including genres, themes, authors, and history. The course will emphasize various teaching methods for engaging young adult readers and developing their love of reading. Prerequisite: ENG 112 or 112H.
- ENG 305**                      **Advanced Grammar and Editing**                      **3 Semester Hours**  
Descriptive overview and analysis of present day English grammar and usage, particularly those aspects that are relevant to the use of English in formal situations and to what is generally referred to as the “standard” American English dialect. Extensive editing opportunities will serve to enhance students’ knowledge of the subject matter. This course is especially useful for those who intend to teach English or language arts. Prerequisite: ENG 112 or ENG 112H

- ENG 308 Creative Nonfiction 3 Semester Hours**  
An advanced writing class, Creative Nonfiction fuses attention to style and form with concern for fact, often using powerful setting and characterization. Essays are enhanced by personal reflection, honed by careful crafting, and may inform, persuade, or amuse. Prerequisite: ENG 207.
- ENG 309 Poetry Writing 3 Semester Hours**  
An advanced creative writing class, Poetry Writing seeks to make students aware of their obligations to craft. Students will keep a journal of ideas, do exercises that stimulate figurative power, practice laser-like description, experiment with form and rhyme and meter, learn to peel away sentimentality and self-pity, and begin developing a personal style. Students will build a manuscript of verse separate from their class exercises, will read aloud frequently, and will do at least one special project. Prerequisite: ENG 207.
- ENG 310 Fiction Writing 3 Semester Hours**  
An advanced creative writing class, Fiction Writing explores the forms and techniques of the short story by requiring a wide range of reading and by exploring narrative technique, point of view, characterization, structure, and style. Students will write several stories and do at least one special project. Prerequisite: ENG 207.
- ENG 322 Shakespeare 3 Semester Hours**  
If comedy is about laughing, students will laugh with Shakespeare's *A Midsummer Night's Dream*. If tragedy is about crying, students will cry over *Othello* and *King Lear*. If history is about conflict, students will fight about Henry IV and Richard III. In other words, students in ENG 322 will laugh, cry, and fight as they discover why Shakespeare is the most quoted writer of all time. Prerequisite: a 200-level ENG course other than ENG 207, or permission of instructor.
- ENG 330 Advanced Studies in Literature 3 Semester Hours**  
An upper-level study of literature, this course offers the opportunity for in-depth study of a particular author, period, theme, or genre in American, British, or world literature. Prerequisite: a 200-level ENG course other than ENG 207, or permission of instructor.
- ENG 342 Southern Literature 3 Semester Hours**  
Whether viewed as one region or as several "Souths," the southeastern United States has a recognized identity in literature as well as history. This course charts the development of Southern writers and themes, and includes such authors as Faulkner, Wolfe, O'Connor, Welty, and Warren. Prerequisite: a 200-level ENG course other than ENG 207, or permission of instructor.
- ENG 350 Language Studies 3 Semester Hours**  
An exploration of the development of the English language from its Indo-European background to the present, ENG 350 covers various grammars, dialects, and levels of language use. The class explores psychological factors, cultural roles, and the nature and development of human/other languages and their historical changes. Prerequisite: ENG 112 or 112H; a 200-level ENG class is strongly encouraged.
- ENG 351 Literary Criticism 3 Semester Hours**  
What do the terms literature, interpretation, meaning and text really mean? This class provides a brief historical overview of the development of literary criticism, then concentrates on the application of modern methods such as formalism, structuralism, deconstruction, reader-response, and cultural historicism. Students will write practical criticism on a variety of genres. Prerequisite: a 200-level ENG course other than ENG 207, or permission of instructor.



- ENV 301 Environmental Policy 3 Semester Hours**  
 A study of the major environmental laws and policies including NEPA, RCRA, CERCLA and TSCA. Environmental agencies reviewed include DOE, EPA, NIOSH, USFS, and USGS, among others. Although concentrated on the United States, the course presents a brief introduction to the international aspects of environmental law. Prerequisite: BCE 211/211L. Offered fall semester.
- ENV 360 Earth/Environmental Science 3 Semester Hours**  
**Pedagogy For Elementary School Educators**  
 This course employs hands-on inquiry based approach to assist elementary (K-6) school educators to more effectively convey environmental knowledge to their students. Topics will include rocks/minerals, soils, water, plants, animals, weather, sun/moon system, and integrated issues. The course will include classroom, laboratory, and field experiences. Offered in conjunction with the Pisgah Forest Institute.
- ENV 361 Earth/Environmental Science 3 Semester Hours**  
**Pedagogy For Middle and High School Educators**  
 This course employs hands-on inquiry based approach to assist middle and high school educators to more effectively convey environmental knowledge to their students. Topics will include rocks/minerals, soils, water, plants, animals, weather, sun/moon system, and integrated issues. The course will include classroom, laboratory, and field experiences. Offered in conjunction with the Pisgah Forest Institute.
- ENV 380 Interdisciplinary Seminar on 3 Semester Hours**  
**Environmental Thoughts and Issues**  
 Invited guests present a seminar followed by student-led discussion. Readings assigned prior to class from books, professional papers, and news articles form the basis for students' questions, conclusions, judgments, and summaries. Prerequisites: environmental studies or environmental science major, completion of all required 100/200 level courses, or permission of instructor. Offered spring semester.
- ENV 394 Environmental Internship I 2 Semester Hours**  
 This internship is related to "working with nature." Students may choose a variety of activities from camps to offices if their work supports nature. A minimum of 90 contact or work hours must be completed during the school year or summer. The final grade is based on the professor's evaluation of the sponsor's report, an interview with the student, a paper describing the internship, a journal of daily activities, and a Web site about the internship. Prerequisites: Environmental Studies or Environmental Science Major, junior standing or permission of the instructor.
- ENV 395 Environmental Internship II 2 Semester Hours**  
 The second internship is related to the environmental needs of business, industry, or government where human and natural needs are in conflict. A minimum of 90 contact or work hours must be completed during the school year or summer. The final grade is based on the professor's evaluation of the sponsor's report, an interview with the student, a paper describing the internship, a journal of daily activities, and a Web site about the internship. Prerequisites: Environmental Studies or Environmental Science major, junior standing, or permission of the instructor.

## EXERCISE SCIENCE (EXSC)

- EXSC 110 Introduction to Exercise Science 3 Semester Hours**  
 Designed to introduce the student to exercise science as a field of study and as a career pathway, the course emphasizes the fundamental biophysical principles of human movement and their relationship to physical activity and fitness.
- EXSC 202 Methods & Teaching Analysis: Golf and Basketball 1 Semester Hour**  
 This course is designed to introduce students to teaching theory, officiating, rules, offense/defense, and motor skills of golf and basketball.
- EXSC 203 Methods & Teaching Analysis: Football and Track/Field 1 Semester Hour**  
 This course is designed to introduce students to teaching theory, officiating, rules, offense/defense, and motor skills of football, and track and field.
- EXSC 204 Methods & Teaching Analysis: Softball/ Baseball and Tennis 1 Semester Hour**  
 This course is designed to introduce students to teaching theory, officiating, rules, offense/defense, and motor skills of softball/baseball and tennis.
- EXSC 205 Methods & Teaching Analysis: Soccer and Badminton 1 Semester Hour**  
 This course is designed to introduce students to teaching theory, officiating, rules, offense/defense, and motor skills of soccer and badminton.
- EXSC 212 Sports Nutrition and Wellness Issues 3 Semester Hours**  
 This course deals with current issues related to fitness, wellness, and sports performance from the standpoint of nutrition and lifestyle choices
- EXSC 213 Principles of Nutrition 3 Semester Hours**  
 This course is designed to introduce the student to the principles of nutrition as they apply to macronutrients. Economical, cultural, and psychological influences are considered. Nutrition over the human life span is examined. Course offered in fall semester.
- EXSC 240 Introduction to Theories and Techniques of Coaching 3 Semester Hours**  
 Through various in-class and out-of-class experiences, students explore the integration of the practical and theoretical knowledge necessary for effective coaching, including administrative and legal issues.
- EXSC 280 Adapted Physical Education 3 Semester Hours**  
 This course will focus on the diverse challenges in physical education programs for special needs children. The students will be required to develop physical education concepts to fit the special need children into mainstream classes. The course will include observation and practical experience. Sophomore standing required.
- EXSC 310 Exercise Physiology 3 Semester Hours**  
 The focus is on studying the various relationships of health, wellness, exercise, and sports to the structures and functions of the human body. Prerequisite: EXSC 110 (or permission of instructor), BIO 220/220Lm /BIO 220/220L. Offered in fall semester.

**EXSC 310 Exercise Physiology Lab 1 Semester Hour**  
 The principles of exercise physiology are reinforced and applied in a laboratory or field setting. Students will gain an understanding of basic scientific data acquisition and processing. Co requisite: EXSC 310. Offered in fall semester.

**EXSC 311 Fitness Appraisal 3 Semester Hours**  
 The theoretical bases are combined with practical experience to enhance understanding of fitness assessment. Students will gain competence in test administration and interpretation, screening, emergency procedures, and exercise prescription. Pre requisite: BIO 220/220L. Offered in spring semester.

**EXSC 313 Principles of Training and Conditioning 3 Semester Hours**  
 This course provides the student with the background and overview of proper training and conditioning principles as recommended by the National Strength and Conditioning Association and the American College of Sports Medicine. The information presented will aid the student in the proper techniques necessary to maximize performance and minimize injury. Heavy emphasis for the course will be on program design, specificity, and exercise selection, along with analysis of the underlying scientific principles. Prerequisite: EXSC 110. Offered in spring semester.

**EXSC 320 Biomechanics in Exercise and Sport 3 Semester Hours**  
 This course is designed to introduce the student to mechanical principles of movement and apply those principles to specific motor activities common to exercise and sport. The course will cover basic: 1) mechanical principles, 2) mechanics of objects in motion, 3) levers, 4) origins and insertions of major muscles, 5) muscle actions, 6) joint movements. Prerequisites: BIO 210/210L or permission of instructor. MAT 121 strongly recommended. Offered in spring semester.

**EXSC 340 Teaching/Coaching Methods 3 Semester Hours**  
 Current theories and principles of learning, especially motor learning, are explored. Emphasis is on application in an activity-teaching and/or coaching setting for grades K-12. Prerequisite: EXSC 240 or EDU 202.

**EXSC 410 Preparation for Senior Internship 1 Semester Hour**  
 This course should be taken the semester prior to beginning the senior internship. It is designed to prepare the student for said internship. Contracts, resumes, calendar and other details will be finalized, and reporting procedures and visitation schedules (where appropriate) will be planned. Passing the Exercise Science content exam is a required component of the course. Prerequisite: Senior standing or permission of Instructor.

**EXSC 415 Senior Internship 6-14 Semester Hours**  
 This course is designed to be a bridge between the end of a student's undergraduate education and the beginning of a career pathway. The student devotes an entire semester working and learning at an approved student-chosen site under the direct supervision of an on-site professional. Students will complete a final written paper and oral presentation at the completion of the internship. Prerequisite: EXSC 410 and permission of instructor.

## **FRENCH (FRE)**

**FRE 101/102 Elementary French I and II 4 Semester Hours each**  
 The courses introduce students to the fundamentals of French grammar with an emphasis on oral communications and reading simple texts. Offered infrequently.





- HIS 102**                      **History of Western Civilization Since 1648**                      **3 Semester Hours**  
An introductory level course, HIS 102 focuses on European society from the seventeenth through the twentieth century. It includes a discussion of such major events as the Enlightenment, European Fascism, the Fall of Communism, and the European Integration Movement.
- HIS 103**                      **United States History to 1865**                      **3 Semester Hours**  
This course examines the social, cultural, economic, and political development of the United States to 1865. Through reading, writing, and discussion, students appreciate major movements, such as the Great Awakening, the American Revolution, the Market Revolution, and Jacksonian Democracy and how they shaped the new nation. They also become familiar with major figures, including Pocahontas, John Winthrop, Benjamin Franklin, Thomas Jefferson, Dorothea Dix, Frederick Douglas, and Abraham Lincoln, from the colonial period through the Civil War.
- HIS 104**                      **United States History Since 1865**                      **3 Semester Hours**  
This course explores the social, cultural, economic, and political development of the United States since 1865. Through reading, writing, and discussion, students analyze major currents, such as the Industrial Revolution, the New South, World Wars, the 1960s, and the Cold War. They also study major personalities, including John Rockefeller, Eugene Debs, Jane Addams, Franklin Roosevelt, Martin Luther King, Jr., and John F. Kennedy, from Reconstruction to the present.
- HIS 110**                      **Global History**                      **3 Semester Hours**  
This course introduces students to a global perspective on history by: (1) examining the role of culture in individual and social behavior in various world civilizations; (2) comparing major civilizations as a whole and with regard to key features such as government, economic institutions, and culture; and (3) describing how the major civilizations have changed and interacted, particularly in the past few centuries.
- HIS 215**                      **History of 18th and 19th Century Europe**                      **3 Semester Hours**  
This course provides a broad overview of the major cultural, political, and social changes associated with the emergence of Modern Europe. Topics covered in the course include the Enlightenment, Enlightened Despotism, the French Revolution and Napoleon, the Industrial Revolution, and 19<sup>th</sup> century European Imperialism.
- HIS 224**                      **United States History Since 1945**                      **3 Semester Hours**  
A study of the major political events and social movements in the United States since World War II. The course examines the Cold War, McCarthyism, the Civil Rights Movement, the Vietnam War, student protests of the 1960s, the counterculture movement of the 1970s, the Women's Movement, Watergate, the Reagan Revolution, environmental politics, and the rise of a global economy. Film, oral history, and primary sources from the periods studies play major roles in this course.
- HIS 225**                      **United States African American History**                      **3 Semester Hours**  
A study of the major themes in African-American history from 1607 to the present, this course utilizes race as a tool for analysis. Topics covered include major themes, such as slavery, the Civil War, the Harlem Renaissance, and the Civil Rights movement, as well as prominent biographies, such as Sojourner Truth, Ida B. Wells-Barnett, W.E.B. Dubois, Malcolm X, Martin Luther King, and Fannie Lou Hamer.

**HIS 250                      History of Ancient Greece                      3 Semester Hours**

This course provides an introduction to the profoundly influential history of ancient Greece. It provides an historical context for such important developments as the origin of democracy, tyranny, imperialism, international diplomacy and law, the invention of coined money, competitive sports, human rights, and other innovations in art, architecture, drama, and literature that remain basic cornerstones of Western culture.

**HIS 251                      History of Ancient Rome and the Roman Empire                      3 Semester Hours**

This course provides an introduction to antiquity's greatest empire and its powerful influence in the subsequent history of the West. Topics discussed include the foundation of Rome and its archaic history, the evolution from rule by kings to republican government, the wars of expansion, the rise of uncontrollably ambitious military leaders, the rule of emperors, the zenith of the Roman Empire, the challenges of Christianity within and barbarians without, and the final division and dissolution of the empire.

**HIS 254                      History of the New South                      3 Semester Hours**

This course takes a probing look at the myths and realities of the New South. This is a reading, lecture, and discussion seminar that will look at Reconstruction, segregation, the creation of Appalachia, and the southern movement for Civil Rights. Substantial contact with primary sources and material culture will help students look at the competing ideas of what it means to be a southerner.

**HIS 255                      North Carolina History                      3 Semester Hours**

Required for teacher licensure, this course surveys state history from the colonial period to the present. Students explore the tensions within the New South, Old South and Sunbelt through such topics as the Catawba Indians, the Roanoke Colony, the Regulator movement, Battle of Kings Mountain, slavery, Zebulon Vance, segregation, the tobacco empire, cotton mills, the Greensboro Sit-ins, Jesse Helms, Harvey Gant, and Grandfather Mountain

**HIS 261                      European Renaissance and Reformation History                      3 Semester Hours**

This course provides a broad overview of the major cultural, political, and social changes in Early Modern Europe. Topics covered in the course include the Italian Renaissance, the Northern European Renaissance, the Scientific Revolution, the rise of absolutist monarchs and the formation of nation states, the Reformation and Catholic Reformation, the Commercial Capitalist Revolution, European colonization and imperialism, and the Glorious Revolution.

**HIS 295                      Nation State Histories of Modern Europe                      3 Semester Hours**

This course surveys one of the many different nation state political and cultural histories of Modern Europe. The topic of the course will vary depending on which nation state is chosen as the focus in any particular semester. Normally, the course focuses on Russia, England, France, or Germany. Course may be taken for credit more than once provided the country of study varies.

**HIS 302                      Environmental History                      3 Semester Hours**

Human beings have always modified their environment; but the scale of human activity has increased steadily since about 1700. Rapid technological change has provided the means for increased development of a world economy and larger nation-states. The result has been that environmental impacts have moved from a limited local and regional focus to becoming more global in recent decades. This course puts the increasing environmental effects of human values and culture into historical context. Students also research the environmental changes in a distinct bio-region or smaller place. Prerequisite: HIS 102, HIS 104, or permission of instructor.

- HIS 303**                      **History of Modern Science to 1800**                      **3 Semester Hours**  
 This course engages science and non-science students in a discussion of the nature of modern science and its relationship to society by focusing on the origins of modern science. The goal of the course is to introduce students to the major conceptual developments in science from the Scientific Revolution through the Enlightenment so that students gain an appreciation for the philosophical, social, and cultural contexts that have shaped science and defined the role of the scientist in the modern world. Prerequisite: HIS 102 or permission of instructor.
- HIS 304**                      **History of Modern Science 1800 to the Present**                      **3 Semester Hours**  
 This course engages science and non-science students in a discussion of the nature of modern science and its relationship to society in the nineteenth and twentieth centuries. The goal of the course is to introduce students to the major conceptual developments in science in the past two hundred years so that students gain an appreciation for the philosophical, social, and cultural contexts that have shaped science and defined the role of the scientist in the modern world. Prerequisite: HIS 102 or permission of instructor.
- HIS 311**                      **The Social and Political History of 20th Century Europe: The Emergence of a Unified Europe**                      **3 Semester Hours**  
 Instead of presenting the history of Europe through the political prism of the nation-state, this course historically examines transnational social and political developments in 20th century Europe. This course also critically examines recent attempts to construct a unified Europe through such integrating mechanisms as the European Economic Community (EEC), the European Currency Unit (ECU), and the European Union (EU). Prerequisite: HIS 102 or permission of instructor.
- HIS 312**                      **20th Century European Cultural and Intellectual History: The Emergence of a Postmodern Culture**                      **3 Semester Hours**  
 This course examines transnational cultural and intellectual trends in 20th century Europe. The tendency toward homogeneity and the influence of the U.S. culture on European popular culture are explored along with trends in European academia. In particular, this course focuses on the transition from modernism to postmodernism in European academia by looking at such writers as Whitehead, Wells, Foucault, LeviStrauss, and Derrida. Prerequisite: HIS 102 or permission of instructor.
- HIS 313**                      **Humans and the Environment in Antiquity**                      **3 Semester Hours**  
 Why is the area once called Eden now a desert? How did Stone Age farming practices strip Greek mountains of their topsoil? Did earthquakes play a significant role in the collapse of civilizations at the end of the Mediterranean Bronze Age? Were Roman attempts to shape and control their environment successful? This course addresses these questions and others in an interdisciplinary introduction to the development of ancient Near Eastern and Mediterranean urban centers and their lasting impact on the environment. Prerequisite: HIS 101 or permission of instructor.
- HIS 322**                      **Industrialization of America:1877-1920**                      **3 Semester Hours**  
 The mine shaft, railroad switch yard, urban tenement house, and mill floor provide a few of the compelling images of turn of the century America. Placing these and other images in historical context, this course undertakes an examination of the price of progress. Robber barons, wage workers, immigrants, and reformers struggled to see whose vision of America would prevail in the 20th century. Using a variety of media (historical analyses, letters, diaries, music, art, and photographs) students analyze and evaluate important social and cultural topics

**HIS 323 History of Southeastern Native Americans 3 Semester Hours**  
Beginning with a broad introduction to prehistoric Native culture, this course emphasizes the historical era experiences of southern native Americans. Topics include the Spanish conquistadors, the Columbian exchange, missionary movements, the early Indian wars, the Trail of Tears, civilization programs, boarding schools, the Indian New Deal, the American Indian Movement, and the Indian Renaissance. Primarily a reading and discussion seminar. Prerequisite: HIS 103, HIS 104, or permission of instructor.

**HIS 352 Greek and Roman Law 3 Semester Hours**  
Introduces the law and the legal systems of ancient Greece and Rome. Along with the study of the distinctively different historical development of Greek and Roman law, students examine actual cases and discuss the underlying legal issues of such famous cases as the Athenian trial of Socrates for impiety, the Roman Republican homicide trial of Caelio, and the provincial trial of Jesus of Nazareth for subversion.

**HIS 353 U.S. Women's History 3 Semester Hours**  
This class explores the gender issues that have shaped American history, from Native American women in the pre-colonial era to the modern feminist movement. Students will discuss the shifting nature of gender from Pocahontas and Abigail Adams to Margaret Sanger and Rosie the Riveter. This is a reading and discussion seminar, which includes substantial exploration of primary documents. Prerequisite: HIS 103, HIS 104, or permission of instructor.

**HIS 401 Historiography 3 Semester Hours**  
Through discussion and reading, students explore major issues in the philosophy of history and examine the nature and history of historical writing (historiography). The goal of this course is to help young historians develop their own philosophy of history by studying the major schools of historical thought. Prerequisite: junior status and history major.

**HIS 402 Historical Methodology 3 Semester Hours**  
Through discussion, reading, and practical research and writing exercises, students explore the major methodological issues in historical writing. The goal of this course is for students to actively engage in the practice of doing history and produce a senior project. Prerequisite: HIS 401.

## HUMANITIES (HUM)

**HUM 210 Introduction to Gender Studies 3 Semester Hours**  
This course is designed as an introduction to the interdisciplinary field of Women's and Gender Studies, an academic area of study focused on the ways that sex and gender manifest themselves in social, cultural, and political contexts. The primary goal of this course is to familiarize students with key issues, questions, and debates in this scholarship. In this course students will learn to "read" and analyze gender, exploring how it impacts our understanding of the world.

**HUM 295 Classical Mythology 3 Semester Hours**  
This course studies myths of ancient Greece and Rome, exploring the position and importance of the various Greek and Roman divinities in their respective cultures as well as in relation to the art, literature, and religion of the West from the Renaissance to the present, including film.

**HUM 461**                      **Humanities Research Methodologies**                      **3 Semester Hours**  
 This course is primarily intended to assist English majors and Religious Studies majors in developing the skills necessary to design, implement, report and defend senior projects. With the help of a teaching team drawn from various academic fields, students will hone techniques in generating ideas, refining theses, planning and carrying out research, evaluating sources and documenting them in accordance with discipline-specific norms, writing in multiple genres, and presenting material orally in both formal and extemporaneous contexts. The course is required of majors in English and Religious Studies. It is open to other students at the junior/senior level with permission of instructor

## **INFORMATION TECHNOLOGY (IT)**

**IT 201**                      **Fluency in Information Technology**                      **3 Semester Hours**  
 The course encompasses information technology literacy and Internet literacy by encouraging multiple applications of the Internet as tools for promoting communication, data sharing, discussion, and research, and provides a framework for understanding the societal, ethical, and legal considerations including intellectual property and copyright issues associated with this technology. Students will develop a working knowledge of how to analyze and differentiate among the various electronic resources to address cross disciplinary information needs. Students will also be taught to use critical thinking skills and methods of analysis to study the production and dissemination of information and to examine specific issues concerning information technology's impact on society which will have practical applications for their future research endeavors and successful participation in a digital society. Students will also be introduced to the basics of web programming and design.

**IT 210**                      **Advanced Computing Applications**                      **3 Semester Hours**  
 An advanced computer course providing a technical and conceptual background for recognizing the role of computer information resources in enhancing organizational processes. Class structure stresses extensive hands-on experience to plan, analyze, design, develop, and test solutions utilizing software applications found in an integrated software program.

**IT 211**                      **Introduction to Computer Programming I**                      **3 Semester Hours**  
 An introduction to programming and problem solving using a high-level programming language. Emphasis will be on program design, algorithm development and good programming habits and techniques. This introductory computer course will examine historical and current trends and applications in computer utilization, hardware and software. In addition, the social implications of computers are addressed. Prerequisite: MAT 100.

**IT 212**                      **Introduction to Computer Programming II**                      **3 Semester Hours**  
**IT 212L**                      **Lab**                      **1 Semester Hour**  
 A continuation of IT 211 with emphasis on program design and testing. Prerequisite: IT 211. Corequisite: IT 212L

## **INTEGRATED STUDIES (INT)**

**INT 460**                      **Integrated Studies Seminar**                      **1 Semester Hour**  
 Through discussion and reading, students explore major issues in fields of study with the intent of understanding the courses and experiences in the emphasis areas. Students demonstrate interdisciplinary ability, critical thinking, and problem solving by presenting and discussing a project such as a senior thesis. Prerequisites: senior status and integrated studies major.

**INT 480****Senior Project****3 Semester Hours**

In consultation with advisors, integrated studies majors write a senior paper or project. The length and breadth of the project/paper will vary according to the subject chosen. The project/paper also will be presented in a seminar format (INT 460). Prerequisite: senior status and integrated studies major.

**INSTITUTE FOR WOMEN IN LEADERSHIP (IWIL)****IWIL 121****IWIL Workshop****1 Semester Hour**

This is a projects class, the content of which depends upon the Brevard College faculty teaching it. Regardless of the subject matter, professors facilitate a workshop—a field trip, a laboratory, a performance, a demonstration, a series of oral histories, a theatrical presentation, an art installation, the creation of a publication—that develops student leadership skills. Over the course of the semester, students will have opportunities for shared decision-making and leadership; involvement in the larger community; a public presentation; and group reflection about the project and the leadership of it. Prerequisite: must be accepted in the IWIL program. Course may be taken four times under different workshop titles.

**MATHEMATICS (MAT)**

Students requiring a stronger foundation in mathematics may be placed in academic support course MAT 100.

**MAT 101****Elementary Functions****3 Semester Hours**

Functional notation and manipulations; graphs and properties of algebraic, exponential, and logarithmic functions; elementary applications of these functions; inequalities; and absolute value. This course does not serve as preparation for MAT 211. Prerequisite: MAT 100 (with grade of C- or higher) or placement.

**MAT 111****Topics in Mathematics****3 Semester Hours**

A survey of topics designed to foster an appreciation for mathematics by studying mathematical systems not ordinarily encountered in high school. Topics include: logic, set theory, graph theory, voting and apportionment methods and flaws, history of mathematics, and others. Prerequisite: MAT 100 (with a grade of C- or higher) or placement.

**MAT 121****Elementary Functions with Trigonometry****4 Semester Hours**

Concepts and manipulations of inequalities, absolute value, and functions of one variable: linear, quadratic, absolute value, polynomial, rational, exponential, logarithmic, and trigonometric functions; and introduction to analytic geometry. MAT 121 serves as preparation for MAT 131 and MAT 211. Algebraic and pictorial points of view are stressed simultaneously. Prerequisite: MAT 100 (with grade of C- or higher), or placement.

**MAT 131****Calculus for Business and the Applied Sciences****3 Semester Hours**

Functional notation and manipulations; limits; differentiation and integration of algebraic, exponential, and logarithmic functions. Emphasis is on concepts and applications. Prerequisite: MAT 101 or 121 (with grade of C- or higher), or placement.

**MAT 141****Probability and Statistics****3 Semester Hours**

An introduction to basic statistical concepts: descriptive statistics, probability, the binomial and normal distributions, estimation, hypotheses tests, linear correlation and regression. Examples are drawn from disciplines of common interest to a variety of students. Prerequisite: MAT 100 or placement.

- MAT 200**                    **Discrete Mathematics**                    **3 Semester Hours**  
An introduction to the basic techniques of problem solving in discrete mathematics, including logic, set theory, relations and functions, counting principles, recurrence relations, and mathematical induction. Applications of these topics to computer science, population dynamics, and scheduling are included. Prerequisite: MAT 101 or MAT 121.
- MAT 211**                    **Analytic Geometry and Calculus I**                    **4 Semester Hours**  
A study of analytic geometry of the line and circle, functions, limits and continuity, differentiation of algebraic and trigonometric functions, and applications of differentiation, antiderivatives, the definite integral, and the fundamental theorem of calculus. Prerequisite: MAT 121 (with a grade of C- or higher) or placement.
- MAT 221**                    **Analytic Geometry and Calculus II**                    **4 Semester Hours**  
Applications of the integral, transcendental functions and their derivatives, introduction to differential equations, techniques of integration, improper integrals and indeterminate forms, and infinite series. Prerequisite: MAT 211 (with grade of C- or higher) or placement.
- MAT 231**                    **Analytic Geometry and Calculus III**                    **4 Semester Hours**  
Calculus of several variables; plane and solid analytic geometry; parametric equations; vectors and vector functions; non-Cartesian coordinate systems; partial differentiation; multiple integration; and introduction to theorems of vector calculus. Prerequisite: MAT 221 (with grade of C- or higher).
- MAT 341**                    **Linear Algebra**                    **3 Semester Hours**  
Simultaneous linear equations; vectors; matrices; vector spaces; linear transformations; determinants; and eigenvalues. Prerequisite: MAT 211 (with grade of C- or higher) or permission of instructor.
- MAT 351**                    **Differential Equations**                    **3 Semester Hours**  
Solution techniques for first order ordinary differential equations; second order linear differential equations and linear systems; series solutions; and Laplace transforms. Prerequisite: MAT 221.
- MAT 361**                    **Modern Algebra**                    **3 Semester Hours**  
Basic algebraic structures; a review of set theory; equivalence relations; theory of groups, rings, integral domains, and fields; quotient structures; homomorphisms; rational, real, and complex fields; and polynomial rings. Prerequisite: MAT 341.
- MAT 410**                    **Euclidian Geometry**                    **3 Semester Hours**  
An axiomatic approach to the study and development of Euclidean geometry, with an introduction to non-Euclidian geometry. Prerequisite: MAT 200.
- MAT 411**                    **Real Analysis**                    **3 Semester Hours**  
A study of the real numbers including some topology of the real line; sequences and series; continuity, differentiation, integration, and sequences and series of functions. Prerequisites: MAT 231 and MAT 341.
- MAT 412**                    **Complex Variables**                    **3 Semester Hours**  
Algebra, topology, and geometric representation of complex numbers; analytic functions of a complex variable, including integration, Taylor and Laurent series, residues, and an introduction to conformal mapping. Prerequisite: MAT 231 and MAT 351, or permission of instructor.
- MAT 450**                    **Math Seminar**                    **1 Semester Hour**  
Written and oral presentations by students of the results of extensive research on advanced topics selected by the faculty and students. Prerequisite: permission of instructor.

**MUSIC (MUS)**

- MUS 101 Music Appreciation 3 Semester Hours**  
MUS 101 introduces students to important styles and periods of music history, promoting careful listening and appreciation of music for enjoyment and cultural purposes. Occasionally, some sections of the course focus on topics such as American music, musical theatre, or world music. Not open to music majors.
- MUS 103 Harmony I 3 Semester Hours**  
Harmony I explores basic acoustics, melodic structure, triads, and seventh chords with inversions, and non-chord tones, among other things. Corequisite: MUS 105. Offered each fall.
- MUS 104 Harmony II 3 Semester Hours**  
Harmony II gives students basic studies in first species counterpoint, principles of four-part voice leading, dominant and leading tone chords, secondary chord functions, and form. Prerequisite: MUS 103; Corequisite: MUS 106. Offered each spring.
- MUS 105 Sight-Singing and Dictation I 1 Semester Hour**  
Sight Singing and Dictation I provides students with methodology and basic skills for learning sight singing and musicianship skills. Using solfege as an instructional vehicle, the students sing major and minor scales, and melodies with intervals up to a fourth in treble and bass clef. Basic harmonic progressions focus on simple cadential formulae, and the student performs basic two-part sing-play exercises. Rhythmic subdivision up to 16th notes and 8th note triples are explored. Memorization and note-name transposition of melodies is begun. Dictation as a regular drill is done in the computer lab. Corequisite: MUS 103. Offered each fall.
- MUS 106 Sight-Singing and Dictation II 3 Semester Hours**  
Sight Singing and Dictation II extends the initial concepts through modal scales, extended harmonic progressions, chordal inversions, melodic singing with intervals up to a sixth, further work in bass and treble clef, transposition, two-part sing-play exercises, and compound rhythms. Corequisite: MUS 104. Offered each spring.
- MUS 107 Introduction to Music Literature 3 Semester Hours**  
An introduction to the basic elements of music, MUS 107 also concentrates on musical forms, terminology, instruments, and historical eras of music. Examples within each unit are drawn from non-Western as well as Western culture. Offered each spring.
- MUS 120 Preliminary Piano Class 1 Semester Hour**  
Exposure to and practice in keyboard technique, theory, sight reading, transposition and repertoire. Designed for music majors whose primary instrument is not piano or organ.
- MUS 121 Class Piano I 1 Semester Hour**  
Continued exposure to and practice in the keyboard technique, theory, sight reading, transposition, and repertoire. Designed for music majors whose primary instrument is not piano or organ. Prerequisite: MUS 120, placement, or permission of Director of Keyboard Studies.
- MUS 123 Class Piano II 1 Semester Hour**  
Continued exposure to and practice in keyboard technique, theory, sight reading, transposition and repertoire, culminating in the Piano Proficiency Exam. Successful passing of the Piano Proficiency Exam is required of all music majors. Prerequisite: MUS 121, or permission of Director of Keyboard Studies.



- MUS 210 Brass Methods 1 Semester Hour**  
This course offers class instruction in basic brass instruments, including performance, pedagogy, and literature for public school instruction. Offered spring semester of even years.
- MUS 211 Woodwind Methods 1 Semester Hour**  
Students receive class instruction in basic woodwind instruments, including performance, pedagogy, and literature for public school instruction. Offered fall semester of even years.
- MUS 212 Percussion Methods 1 Semester Hour**  
This course offers class instruction in basic percussion instruments, including performance, pedagogy, and literature for public school instruction. Offered spring semester of odd years.
- MUS 213 String Methods 1 Semester Hour**  
This course offers class instruction in basic string instruments, including performance, pedagogy, and literature for public school instruction. Offered fall semester of odd years.
- MUS 214 Vocal/Choral Methods 1 Semester Hour**  
A concentrated study of vocal/choral pedagogy and its application to music education with emphasis on vocal production, vocal instruction, the adolescent voice, literature standards, rehearsal efficiency, program selection and a review of selected resources. Offered spring semester of odd years.
- MUS 215 Vocal Diction I 1 Semester Hour**  
Required of all voice majors, MUS 215 initiates students into the use of the international phonetic alphabet and symbols; pronunciation and diction for singing in English and Italian. Offered every other year in fall semester.
- MUS 216 Vocal Diction II 1 Semester Hour**  
A continuation of MUS 215, this course emphasizes pronunciation and diction for singing in French and German. Required of all voice majors. Offered every other year in spring semester. Prerequisite: MUS 215.
- MUS 217 Marching Band Methods 1 Semester Hour**  
This course will address the administration, management and teaching of high school marching band as part of an overall instrumental music program. Students will be exposed to the many aspects of a marching band program, including show design, drill writing, color guard/auxiliary units, percussion issues, rehearsal planning, and teaching techniques for marching and playing. Required for instrumental music education majors; open to all others.
- MUS 230 Music and Technology 3 Semester Hours**  
Students explore technology in music including music writing, recording and editing, sampling and composing, and pedagogical software. Additionally, students are expected to familiarize themselves with some recent music literature created by electronic means. Prerequisite: MUS 103, or permission of the instructor.
- MUS 234 Non-Degree Recital 0 Semester Hour**  
Students perform a public non-degree recital, planned in conjunction with the student's applied teacher and the major music coordinator. The student is responsible for program preparation, publicity, and technical support, again under the supervision of the applied teacher. Information, guidelines, and forms are available in the music office. There is a fee for this course.

- MUS 284 Composition I** **2 Semester Hours**  
 Provides students with the practical studies of techniques needed for coherent expression in creative work. They develop the techniques of writing and engage in a detailed study of pitch and rhythmic procedures. Prerequisite: MUS 203, or permission of instructor. MUS 230 is strongly recommended as either a pre- or corequisite.
- MUS 285 Composition II** **2 Semester Hours**  
 In this course, students continue the work begun in MUS 284. Their work culminates in pieces in small forms. Prerequisite: MUS 284.
- MUS 301/302 Music History I/II** **3 Semester Hours Each**  
 A survey of developments in Western music from ancient Greece to the early twentieth century, this music history sequence centers upon major historical periods and the lives and thoughts of representative composers. Illustrated lectures include style analysis, prescribed listening, and reading. Prerequisite: MUS 204, 107, or permission of instructor. MUS 301 offered each fall; MUS 302 offered each spring.
- MUS 303 Contemporary Music** **3 Semester Hours**  
 A survey of compositional techniques and musical styles of the 20th century. Score study, analysis, primary source readings, listening, and performance are emphasized. Prerequisite: MUS 204 or permission of instructor. Offered every other year.
- MUS 304 Counterpoint** **3 Semester Hours**  
 A study of the polyphonic techniques based on the stylistic principles of the 16th and 18th centuries, MUS 304 challenges students with analysis and written projects. Prerequisite: MUS 204 or permission of instructor. Offered every other year.
- MUS 305 Form and Analysis** **3 Semester Hours**  
 A detailed study of the parameters of music, MUS 305 studies how they interact with the structure and style of major composers. The course also includes discussion and application of specific analytical techniques appropriate to the music and composers studied. Prerequisite: MUS 204 or permission of instructor. Offered every other year.
- MUS 306 Orchestration** **3 Semester Hours**  
 MUS 306 initiates students into the world of orchestral and band instruments— their range, transposition, and individual characteristics. They learn scoring of works for both standard and varied ensembles. Prerequisite: MUS 204 or permission of instructor. Offered every other year.
- MUS 308 Topics in Music Literature** **3 Semester Hours**  
 In this course, students survey music literature and performance practices of a focused topic, e.g. the operas of Mozart and Verdi, through outside readings, score study, analysis, guided listening, and live performances. They discuss stylistic trends and concepts. May be repeated for credit. Prerequisite: MUS 204 or permission of instructor.
- MUS 310 Materials and Methods for Teaching Music in the Elementary Schools** **3 Semester Hours**  
 MUS 310 surveys the principles, methods and materials for teaching general, vocal, and instrumental music in the elementary school. The class includes field experiences. Prerequisite: EDU 202. Offered spring of odd years.

- MUS 311**                      **Materials and Methods for Teaching Music  
in the Middle and Secondary Schools**                      **3 Semester Hours**  
MUS 311 covers the procedures for teaching music in the middle and secondary schools, as well as philosophy and principles of both middle and secondary school music curriculum design, emphasizing organization, administration, and pedagogy for vocal and instrumental instruction. The class includes field experiences. Prerequisite: EDU 202. Offered fall of even years.
- MUS 312**                      **Pedagogy of Applied Music**                      **1 Semester Hour**  
This course offers class instruction, which includes study of applied instrumental techniques, discussion of pedagogical concepts, and observation of instrumental lessons and classes. The course also includes student teaching observed by the instructor.
- MUS 330**                      **Conducting**                      **3 Semester Hours**  
In MUS 330 students learn instrumental and choral conducting techniques, theory, and practice to includes score preparation, musical styles, baton and manual techniques, rehearsal methods, and repertoire selections. Prerequisite: MUS 204. Offered spring of even years.
- MUS 334**                      **Junior Recital**                      **1 Semester Hour**  
A recital performance presented in consultation with and under the supervision of the applied teacher. The program will consist of at least 30 minutes of music. The student is responsible for program preparation, publicity, and technical support, again under the supervision of the applied teacher. A hearing examination will be held 4 weeks prior to the recital date. Information, guidelines, and forms are available in the music office. There is a fee for this course.
- MUS 384**                      **Composition III**                      **3 Semester Hours**  
Advanced students apply compositional techniques and forms used by composers in the various periods of music history. They write original works, perform these works in class, and discuss these works. Prerequisite: MUS 184, MUS 185, or permission of instructor.
- MUS 385**                      **Composition IV**                      **2 Semester Hours**  
A study of 20th-century compositional techniques, MUS 385 approaches the writing of original works through these techniques. Class performances and discussion of student compositions form a major component of the class. Prerequisite: MUS 384 or permission of instructor.
- MUS 410**                      **Senior Project**                      **3 Semester Hours**  
A substantial research paper with lecture, or a lecture/recital presented in consultation with and under the supervision of the primary music theory and/or music history instructor(s). The student is responsible for program preparation, publicity, and technical support under the supervision of the primary instructor(s).
- MUS 434**                      **Senior Recital**                      **1 Semester Hour**  
A recital performance presented in consultation with and under the supervision of the applied teacher. The program will consist of at least 50 minutes of music. The performer will also prepare detailed, researched program notes to be included with the printed program. The student is responsible for program preparation, publicity, and technical support, again under the supervision of the applied teacher. Program notes must be submitted 6 weeks prior to the performance. A hearing examination will be held 4 weeks prior to the recital date. Information, guidelines, and forms are available in the music office. There is a fee for this course.
- MUS 484**                      **Composition Recital**                      **1 Semester Hour**  
Students publicly perform original compositions, which show creativity and proficiency in writing various instrumental and vocal combinations. Students will also speak about the works that they have composed.

**RCT 100****Music Colloquium****0 Semester Hour**

A weekly gathering of all music students and faculty for student performances, performances or presentations by visiting artists or faculty members, and meetings to discuss topics of common interest.

**MUSIC: APPLIED (APM)**

Music majors with minimal proficiency in their applied area will be required to enroll in APM 0131 before proceeding with the APM 131 through APM 333 sequence. At the end of each semester, the student must perform before a faculty jury. Based on faculty assessment of the performance, the student may be required to repeat any level of applied music, even if that student has a passing grade (D or higher). Such assessment will be based on an evaluation that the proficiency is below that required to proceed to the next level. The student will receive only institutional credit for re-enrollment in an applied music course and must complete through the 333-level with music faculty approval to graduate.

**Applied Music Sequence**

Applied Major: APM 131, 133, 231, 233  
 APM 331, 333, 431, 433  
 2 semester-hours' credit each semester  
 12 one-hour lessons per semester

**Electives: APM 121, 123, 221, 223**

APM 321, 323, 421, 423

May be taken for one or two semester hours' credit each semester 12 half-hour or one-hour lessons per semester

*Note: APM 124 is required for students who have not passed the Keyboard Competency after completing MUS 123.*

**MUSIC: ENSEMBLES (ENS)**

All ensembles may be repeated for credit and are open to all interested performers in the campus community. Please read individual course descriptions to see whether an audition or permission of the instructor is required. Only 16 semester hours of ENS will be counted toward graduation for the B.A. degree.

**ENS 184/384****Accompanying****1 Semester Hour**

This course aims to develop ability in ensemble playing through the study of its component skills (e.g., sight reading, score reduction, listening, style recognition) and representative repertoire (e.g., vocal and instrumental accompaniment, various types of chamber music). Experience in class will culminate in performance with other students, in class, in juries, and/or in recital. To be taken concurrently with APM study: 4 semesters at ENS 184 level, and either 2 semesters at ENS 384 level (B.A. degree), or 4 semesters at the ENS 384 level (B.M. degree).

**ENS 185****Pep Band****1 Semester Hour**

Rehearsal, coaching, and performance of pep band music at home football and designated home basketball games. Pep band is open to all students with an audition placement by the Director. Students who participate in both semesters during an academic year will be awarded a financial aid stipend. Note: All instrumental music education majors are required to participate in Pep Band for one academic year prior to student teaching.



## ORGANIZATIONAL LEADERSHIP (ORG)

- ORG 103                      Critical and Practical Reasoning                      3 Semester Hours**  
An introduction to the meaning of deductive and inductive reasoning, the various forms of fallacy and an application of reasoning to a variety of areas in social, political and economic life and world view are presented in this course. The importance of critical thinking and creativity to effective leadership is thoroughly explored. Students will be required to demonstrate skills utilizing software applications found in an integrated software program and video in presentations.
- ORG 110                      Business in a Global Context                      3 Semester Hours**  
This course is designed to introduce students to the world of business in a global context. In addition to providing students the opportunity to explore investment opportunities and risks, marketing and advertising, and management principles, students will be challenged to consider ethical issues including the role of business in creating sustainable communities. A final team project requires students to present for potential investment a business plan to a group of hypothetical investors invited from the local business community. Students will be required to demonstrate skills utilizing software applications found in an integrated software program.
- ORG 150                      Principles of Sport and Event Management                      3 Semester Hours**  
This course is an overview of management principles as they apply to the sport and/or event industries. Areas emphasized include program evaluation, competencies, ethics, historical foundation, current industry trends, and career opportunities. Students will be required to demonstrate skills utilizing software applications found in an integrated software program and video in presentations.
- ORG 203                      Principles of Management                      3 Semester Hours**  
In ORG 203 students learn about the coordination of human and other resources to achieve organizational goals. The focus is on effective management practices that can be applied to business, government, health care, service, and social organizations. The use of system analysis and design as well as other Information Technology processes is emphasized. Prerequisite: ORG 103, or ORG 110, or permission of instructor.
- ORG 205                      Business Communications                      3 Semester Hours**  
This course focuses on the power and politics of effective communication, both verbal and nonverbal, within organizations. Each student will participate as a member of a hypothetical management group and will study techniques of communicating both good news and bad news through written memoranda, reports, executive summaries, email, resumes, letters; and oral presentation. Students explore the use and effectiveness of web-based resumes and job searches. Understanding of audience sensitivity, group communication and active listening will be demonstrated through simulations and direct experiences. Students demonstrate responsible use of presentation computer software. Prerequisite: ORG 103, or ORG 110 or permission of instructor.
- ORG 230                      Introduction to Leadership and Sustainable Enterprise                      3 Semester Hours**  
This course provides an introduction to leadership theory and sustainable enterprise. Main topics include the differences between management and leadership, approaches to management and leadership, motivational strategies, organizational structure, triple-bottom line and organizational change. Through its focus on sustainable enterprise and triple-bottom line accounting the course explores the leadership of change agents that seek to create and move organization in ways that are socially responsible. Web-based research and presentations are required. Prerequisite: ORG 103, or ORG 110 or permission of instructor.

- ORG 240**                      **Statistics for Business and Social Sciences**                      **3 Semester Hours**  
Introduction to basic statistical concepts and data analysis as applied to problems in business and economic statistics. An emphasis will be given to making business decisions and fostering statistical analysis merged with managerial planning for decision-making under uncertainty. Prerequisites: MAT 101, MAT 111, or MAT 121 (with grade of C or higher), or placement, and IT competency. MAT 141 is highly recommended.
- ORG 250**                      **Facility and Event Management**                      **3 Semester Hours**  
Planning, design, financing, administration, and risk management functions associated with managing assembly sporting facilities are examined. How to use System Analysis and Design as well as other Information Technology processes is emphasized. Prerequisites: EXSC/ORG 150 or permission of instructor.
- ORG 301**                      **Principles of Finance**                      **3 Semester Hours**  
A study of the principles and practices involved in the organization and administration of the financial resources of business is the basis of this course. Emphasis will be placed on cash flow, capital budgeting, and capital structure relating to a variety of business settings. How to use financial analysis as well as other information technology processes is emphasized. Prerequisite: ACC 202.
- ORG 302**                      **Principles of Marketing**                      **3 Semester Hours**  
ORG 302 provides a background in the principles and practices involved in the organization and implementation of marketing. Students learn to define and reach markets, plan and implement strategies relevant in a variety of business settings. Prerequisite: junior status, or permission of instructor.
- ORG 304**                      **The Legal Environment of Business**                      **3 Semester Hours**  
An overview of the legal system for those in business, this course introduces students to courts and litigation, administrative agencies, labor/management relationships, antitrust law, consumer protection, laws regulating employment, and environmental law. Prerequisite: ORG 103, or ORG 110, junior status or permission of instructor.
- ORG 306**                      **Investment and Personal Financial Planning**                      **3 Semester Hours**  
This course introduces the theory and application of basic financial planning concepts with focus on long-term investment strategies designed to accumulate and protect wealth, with the goal of achieving financial independence. Stocks, bonds, mutual funds and real estate investments will be discussed as well as the importance of diversification, asset allocation, risk tolerance and age in the development of an optimum portfolio. Other topics examined include personal financial statements, budgets, taxes, retirement planning, estate planning, insurance, opportunity costs and the time value of money. Prerequisite: ORG 301 or permission of instructor.
- ORG 307**                      **Management Information Systems**                      **3 Semester Hours**  
This course introduces information technologies that are critical to modern business organizations, discusses technology and adoption trends, and explores how a business enterprise can use its information systems to compete successfully in a global economic environment. A significant component of the class includes “hands’on” applications of various information technologies. Prerequisite: IT 210 or permission of instructor.

**ORG 310                      Organizational Theory and Behavior                      3 Semester Hours**

This course will explore the concepts, theories, and research in organizational behavior and theory in order to develop a comprehensive framework for understanding the importance of effective leadership in promoting an organization's mission. An understanding of the complexities of person-situation interaction in formal organizations will be addressed through discussions, case materials, web-based simulations, student created cases, and direct experiences. Prerequisites: junior status or permission of instructor.

**ORG 320                      International Business                      3 Semester Hours**

This course focuses on the global economy, the dynamics of cultural and social interactions in the international arena, and the legal, financial, and cultural aspects of international trade. Web-based research and presentations are required. Prerequisite: junior status or permission of instructor.

**ORG 330                      Entrepreneurship                      3 Semester Hours**

This course examines the financial, marketing, and physical resources of a new venture and the approaches of successful entrepreneurs. The exploration of information technology processes and tools applicable to entrepreneurship and small business is included. Prerequisite: junior status or permission of instructor.

**ORG 340                      Quality, Productivity, and Statistical Process Control                      3 Semester Hours**

This course explores the role of data in management: the collection, analysis and interpretation of data in business and industrial contexts, operational definitions, the construction of control charts, and the meaning of tampering with a system. Students will be expected to develop and use a variety of scientific management software tools for the analysis of both quantitative and qualitative data. Prerequisite: junior status or permission of instructor.

**ORG 345                      Project Management                      3 Semester Hours**

This course will focus on the role of the project manager within an organization, project definition, objectives and implementation. At the completion of the course the student should have a thorough knowledge of project life cycle, project deliverables and scheduling including Gantt charts and risk identification, and other scientific management software. Prerequisite: ORG 203

**ORG 350                      Public Relations and Marketing  
in Sport and Event Management                      3 Semester Hours**

This course emphasizes the building and management of positive relationships with the community and the media. It examines public opinion and research, management of public relation tools and resources, and ethics. Prerequisite: EXSC/ORG 250 or permission of instructor.

**ORG 351                      Human Resource Management                      3 Semester Hours**

This course introduces the role of the human resource function as a strategic partner in achieving an organization's goals. The course considers the importance of labor markets, recruitment, selection, training, compensation, labor relations, and performance management. The evolving nature of work, discrimination in employment work performance and its reward and effects of changing technology are addressed. Web-based research and presentations are required. Prerequisite: junior status or permission of instructor.

**ORG 352                      Managing Diversity                      3 Semester Hours**

This course begins by developing a definition of diversity and then proceeds to understand why diversity matters. Based on this understanding, a variety of ways to empower diversity and to ensure that both employee and organizations perform at their highest potential are considered. Prerequisite: ORG 351, junior status; or permission of instructor.



- ORG 450**                      **Senior Capstone Seminar: Strategic Planning and Sustainable Enterprise**                      **3 Semester Hours**
- A capstone course for seniors, in which the students will investigate the establishment of organizational aims and strategic planning for improvement in leadership. This course builds on the concepts contained in Major courses and provides an opportunity to bring together all prior learning in organizational leadership, business, and related coursework, as well as professional and personal experiences. It enables students to expand their thinking outside present concepts and to explore the arena of strategic policy and planning as they will impact and apply in the future to an individual, group, organization, and industry. Learners participate as members of business teams in a web-based simulation game requiring the teams to operate a business through 12 to 20 quarters while making appropriate personnel, marketing, financial, and operational decisions. Students make a final presentation that demonstrates their proficiency in the use of information technology and decision making tools. Prerequisites: Business and Organizational Leadership major with senior status.
- ORG 480**                      **Professional Life Planning Seminar**                      **1.5 Semester Hours**
- This course is designed to introduce the student to both the world of professional seminars in business and to issues that students face as they move into the work world. Topics covered will range from FMLA to financial planning, and work/family balance to business lunches. Each student will develop a strategic plan for his or her life. Prerequisite: Organization Leadership major, Senior status, or permission of instructor.
- PHILOSOPHY (PHI)**
- PHI 105**                      **Introduction to Symbolic Logic**                      **3 Semester Hours**
- An introduction to the principles and methods of symbolic logic, PHI 105 provides a formal exploration of both categorical and propositional arguments as well as an overview of informal fallacies which interfere with clear and effective argumentation. Students refine skills of precise expression and careful analysis.
- PHI 261**                      **Introduction to Philosophy**                      **3 Semester Hours**
- An elementary study of selected topics in philosophical thought, PHI 261 presents a critical analysis of ancient, medieval, and/or modern philosophical writings. It covers such issues as knowledge, existence, logical analysis, the physical world, aesthetics, ethical behavior, and religious beliefs. The focus is on western traditions; students interested in eastern philosophies are encouraged to take REL 153.
- PHI 262**                      **Introduction to Ethics**                      **3 Semester Hours**
- This course focuses on the origin, shape, and content of modern and pre-modern moral thought and action. Students closely examine various theories of ethics, giving special attention to modern modes of moral thought. The course seeks to help students explore their own ethical world through case studies, group projects, and individual research.
- PHI 282/382**                      **Existential Literature**                      **3 Semester Hours**
- This course explores a major movement in twentieth century continental philosophy. The existentialists' focus on "lived experience" makes literature a particularly conducive medium for addressing major questions of freedom, responsibility and meaning. Course readings therefore include both philosophical writings (by Kierkegaard, Nietzsche, Sartre and others) and works of fiction (by Camus, Sartre, Kafka, Hesse and others). Students taking the course at the 382-level complete an additional research project and reading log.

## PHYSICAL EDUCATION (PE)

Through the athletic and physical education programs, the College provides an excellent opportunity for students to gain skills and knowledge in recreational activities that will prepare them for a lifetime of leisure enjoyment and appreciation of sports. Provisions will be made for nontraditional students and students with physical disabilities.

In addition to the basic physical education requirement, varsity athletes will be allowed to earn no more than four elective credits for participating in intercollegiate athletics. This credit will be given at the end of the semester. A maximum of 1 credit of ATH may count toward Area V (Health and Wellness) in the General Education Requirements.

Courses will be offered according to demand and to the availability of qualified instructors. Additional fees will be charged for some courses, and the student will occasionally be required to purchase or rent additional equipment. Physical education (PE) activity courses receive 1-2 semester hours of credit per course.

### PE 200 Fitness Activities

2 Semester Hours

Students are introduced to the theoretical bases for lifelong fitness and participate in a variety of physical activities designed to foster physical fitness.

#### Basic Conditioning

Course	Fee
PE 101 Personal Fitness	No
PE 105 Weight Training I	No
PE 106 Weight Training II	No
PE 111 Pilates Plus	No
PE 113 Yoga I	No
PE 114 Yoga II	No
PE 166 Aerobics	No

#### Wilderness Activities

Course	Fee
WLEE 151 Canoeing	Yes
WLEE 152 Rock Climbing	Yes
WLEE 154 Adventure Activities	No
WLEE 155 Kayaking	Yes
WLEE 157 Backpacking	Yes
WLEE 158 Mountain Biking	Yes
WLEE 159 Sea Kayak Touring	Yes

#### Dance

Course	Fee
PE 161 Ballet I	No
PE 163 Ballet II*	No

#### Individual Sports

Course	Fee
PE 130 Badminton I	No
PE 134 Horseback Riding I	Yes
PE 135 Horseback Riding II*	Yes
PE 139 Snow Skiing I	Yes
PE 140 Snow Skiing II*	Yes
PE 141 Tennis I	No
PE 142 Tennis II*	No
PE 144 Badminton II*	No
PE 145 Snowboarding I	Yes
PE 146 Snowboarding II*	Yes
PE 200 Fitness Activities	No

#### Team Sports

Course	Fee
PE 175 Volleyball	No
PE 177 Indoor Soccer	No
PE 178 Basketball	No

#### Aquatics

Course	Fee
PE 191 Swimming I	No
PE 192 Swimming II*	No

Note: The fees for activity courses may vary depending on equipment and facilities available.

\*Prerequisite: Successful completion of Level I or permission of instructor.



**PLSC 310 American Foreign Policy 3 Semester Hours**

This course examines the economic, defense, environmental, and world order interests of US foreign policy. Through lecture and readings, the student explores how these interests dictate American foreign policy in the Post Cold War Era. Careful analysis of historic and contemporary events will give insight to US interest(s) in the Confederation of Independent States (the former Soviet Union), China, the Middle East, the Far East, Europe, Africa, and the Western Hemisphere. Prerequisite: PLSC 210 or permission of instructor.

**PLSC 320 Contemporary Political Movements 3 Semester Hours**

In recent decades, political movements have greatly influenced the American polity. Case studies in this course include environmental groups, the Christian Right, and third parties. The course also looks at social movements, including the Women's and Civil Rights Movements. Focus is placed on determining the processes that construct, sustain, and transform these movements as viable political institutions. Prerequisite: PLSC 210 or permission of instructor.

**PLSC 330 Political Communication 3 Semester Hours**

This course is designed to advance students' understanding of contemporary US political campaigns focusing on candidate discourse, mediated political realities, image construction, agenda setting, and marketing strategies in local, state and national races. Students will learn how to use theoretical frameworks for critiquing political communication, how to analyze forms and functions of campaign discourses, and how to consider ethical ramifications of campaign discourse. Prerequisite: PLSC 210 or permission of instructor.

**PLSC 340 First Amendment Freedoms 3 Semester Hours**

This course explores the theories, doctrines, statutes and cases related to the First Amendment guarantees of Freedom of Religion (Separation of Church and State), Speech and Assembly. This course will help the student increase knowledge and enhance understanding and appreciation of systemic structures of the judicial process and legal issues and will provide the student with theoretical and practical application of First Amendment Freedoms. The course will facilitate an understanding of how these freedoms work toward establishing a balance between individual and societal rights. Prerequisites: COM 110, HIS 250/251, ORG 103, PLSC 210, or SOC 201, or permission of instructor.

**PSYCHOLOGY (PSY)****PSY 101 General Psychology 3 Semester Hours**

This survey course explores the fundamental principles governing behavior and the research methods employed. Areas covered include the brain and behavior; sleep and dreaming; learning and memory; intelligence, thinking and reasoning; behavior in social and cultural contexts; theories of emotion, motivation and personality; and mental disorders and their treatment.

**PSY 102 Psychology Skills and Careers Lab 1 Semester Hour**

A hands-on introduction to skills employed in the study and practice of psychology. Topics include searching psychological literature data bases, oral presentation and supporting technology, APA publication style, and basic data management. Also included is a survey of graduate training, career choices and current trends in the field. Required for psychology majors. Recommended prior to other major course requirements.

- PSY 204**                      **Marriage and the Family**                      **3 Semester Hours**  
A cross-cultural examination of contemporary family structures, PSY 204 emphasizes the relationships between husband-wife and parents-children. Students study various aspects of the family, including gender roles, values, religious influences, child-rearing practices, power structure, conflict within families, and the future of the family. Includes topics of mate selection, separation, divorce, remarriage, and stepfamilies. Prerequisite: SOC 201 or PSY 101.
- PSY 210**                      **Social Science Research Methods**                      **3 Semester Hours**  
PSY 210 presents the basic principles of qualitative and quantitative research methods, including experimental studies, focus groups, interviews, and surveys. It addresses study design, implementation, interpretation, and presentation. Prerequisite: SOC 201 or PSY 101.
- PSY 220**                      **Abnormal Psychology**                      **3 Semester Hours**  
Students in PSY 220 examine how social, psychological, and biological factors cause, maintain, or lessen abnormal behavior. They also study anxiety, mood, sexuality, personality, and eating disorders. Different modes of therapy and their foundations are examined. Prerequisites: PSY 101; PSY 210 is recommended
- PSY 230**                      **Life-span Development**                      **3 Semester Hours**  
A survey of the major areas in human development from conception to death. The course is presented in a topical rather than chronological format, with equal emphasis on all stages of life. Topics include theories of development, research methods specific to the field, as well as an examination of biological, cognitive, social, personality, language emotional and moral development. Prerequisites: PSY 101; PSY 210 is recommended.
- PSY 240**                      **Social Psychology**                      **3 Semester Hours**  
A study of individual behavior as a function of social situations. The course emphasizes theory, research, and applications. Topics include the self in relation to the environment, perceptions and attributions regarding others, stereotypes and prejudice, group processes, attitude formation and maintenance, conformity, attraction and close relationships, helping, and aggression. Prerequisite: PSY 101; PSY 210 is recommended.
- PSY 250**                      **Introduction to Basic Counseling Skills**                      **3 Semester Hours**  
This course is designed to enhance students' self-awareness so that they can be effective peer counselors. Emphasis is placed on self-observation as students are given opportunities to develop active listening and problem-solving skills. Students examine developmental and transitional issues commonly encountered by college students as well as guidelines for crisis management. Active participation is required.
- PSY 270**                      **Cognitive Psychology**                      **3 Semester Hours**  
A study of the research methods, and findings related to cognitive functioning. Topics include memory and its associated processes, thought, perception, language, reasoning, problem solving, creativity and concept formation. Prerequisites: PSY 101 and PSY 210 is recommended.
- PSY 280**                      **Psychology of Learning**                      **3 Semester Hours**  
A study of the historical and current research, theory and conceptual foundations involved in the study of learning. Topics include classical conditioning and related processes, operant conditioning, reinforcement and related processes. Prerequisites: PSY 101; PSY 210 is recommended.

- PSY 320 Therapeutic Principles and Practices 3 Semester Hours**  
 A study of the theories and perspectives frequently applied to counseling and therapy. Topics include individual and group counseling, institutional settings, populations, and legal and ethical issues. Prerequisites: PSY 101, PSY 210, and PSY 220; or permission of instructor.
- PSY 340 Theories of Personality 3 Semester Hours**  
 This course introduces students to personality by examining current and historic research within the context of a range of theories including psychoanalytic, behavioral, and humanistic. Topics will include personality, personality development, personality and health, personality disorders and therapy, and personality assessment. Equal attention is given to normal and abnormal theories. Prerequisites: PSY 101, PSY 210; or permission of instructor.
- PSY 345 Psychology of Gender 3 Semester Hours**  
 A seminar discussing psychological and other literature that considers the personality and behavior of both women and men in the context of gender. Both men's and women's issues are covered with equal attention. Topics include the social constructivism of gender, equity in the workplace, victimization, biological factors and gender differences in personality and development, interpersonal relationships, cultural influences on gendered behavior, and childrearing practices. Prerequisites: PSY 101, PSY 210 and PSY 240 or permission of instructor.
- PSY 350 Human Sexuality 3 Semester Hours**  
 A survey of the major areas of human sexuality. Topics include sexual and reproductive anatomy, the sexual response, sexually transmitted diseases, pregnancy, birth control and childbirth, gender identity and gender roles, sexual development, sexual behaviors and attitudes, love and relationships, sexual dysfunction, sexual disorders and sex therapy, sexual values, religion and sex, and effective communication about sex. Prerequisites: PSY 101, PSY 210, and PSY 230 or permission of instructor.
- PSY 355 Sports Psychology 3 Semester Hours**  
 This course reviews variables that enter the equation of sports performance and considers how to modify the ways they affect performance. It reviews how social interchange affects sport and changes the experience of sporting. Prerequisite: PSY 101, PSY 210; or permission of instructor.
- PSY 365 Personal and Group Environments 3 Semester Hours**  
 Students are introduced to the concepts of personal ecology and group environments. Students will learn to identify their personal strengths using the Myers, Briggs Type Indicator (MBTI). Students will learn to be active leaders in their own lives and in the lives of the groups in which they find themselves. Study, discussions, and experiences will focus on the nurturance and preservation of each individual's personal ecosystem as it grows and develops. From this foundation, students will experience how to apply this knowledge as members and leaders of groups. Prerequisite: PSY 101, PSY 210, and junior status; or permission of instructor.
- PSY 375 Industrial/Organizational Psychology 3 Semester Hours**  
 A survey of issues and research focused on the application of psychology to organizations and industry. Topics include personality and psychological factors in leadership, experimental methods and design, basic psychometric theory, the individual relative to organizations and organizational development, the employer and employee in regard to selection, satisfaction, training, motivation, teamwork and job analysis. Prerequisites: PSY 101, PSY 210; or permission of instructor.

**PSY 430 Directed Research 3-6 Semester Hours**  
 This course is reserved for advanced students who have shown academic skill and scholarly activity beyond the typical undergraduate level, and who show clear promise for future contributions to the field of psychology. Prior to registration a faculty mentor must agree to supervise the project and meet with the student individually on a regular basis. A substantial and substantive paper or presentation of work is required. The course may be repeated in the case of demonstrable scope or depth. Prerequisite: Permission of faculty member and Chair of Social Sciences.

**PSY 469 Internship in Psychology 3-12 Semester Hours**  
 A faculty supervised field experience. Interns meet weekly with their peers and the faculty supervisor for the Internship Seminar (PSY 470). The internship is typically completed in the student's final semester, and may be taken for 3 hours credit (one day per week on site) to 12 hours credit (4 days per week on site). Prerequisites: PSY 101, PSY 210, 2.0 GPA, and senior standing. Co-requisite: PSY 470.

**PSY 470 Internship Seminar 3 Semester Hours**  
 The internship seminar is designed to be an opportunity for students to see how concepts and methods in psychology are applied in different types of field work. This is accomplished through weekly presentations by/for their peers, writing assignments, case presentations and discussions. Field supervisors are invited to attend the seminar occasionally during the semester for their observations and discussion of issues. Students who will graduate without an internship may take the class as an elective, but are required to journal their participation in class meetings, and complete interviews of interns and their supervisors. Prerequisites: PSY 101, PSY 210, 2.0 GPA; and senior standing.

**PSY 495 Senior Seminar: History, Systems and Contemporary Issues in Psychology 3 Semester Hours**  
 This course includes a half-semester intensive study of the History and Systems of Psychology, and a half-semester examination of contemporary literature discussed in current publications of the American Psychological Association. Students become student affiliates of APA (a fee is required), and read, discuss and present materials concerning the state of the science and future directions. A public presentation of prior research or other work is required. Prerequisites: PSY 101, PSY 210, and senior standing.

**READING (REA) SEE ACADEMIC SUPPORT COURSES (p. 126)**

## **RELIGIOUS STUDIES (REL)**

**REL 101 The Old Testament 3 Semester Hours**  
 This course explores the development of Hebrew history, literature, society, and religious thought and practice through careful reading of the Hebrew Bible.

**REL 102 The New Testament 3 Semester Hours**  
 This courses focuses on the literature of the New Testament, placing emphasis on the life and teachings of Jesus, the life and letters of Paul, and the characteristics of the early church.

**REL 153 World Religions 3 Semester Hours**  
 A study of myth, ritual, and belief in religions of the world, the course pays particular attention to religions and philosophies of India, China, and the Near East.

- REL 210/310**      **Israelite and Christian Writings Outside the Bible**      **3 Semester Hours**  
 This seminar course explores Israelite and/or Christian textual traditions outside the Bible. Topical foci vary according to student demand and the special interests and needs of religion studies majors and faculty. Topics include: The Apocrypha; The Israelite Writings of Adam, Enoch, Abraham and Others; The Essenes and the Dead Sea Scrolls; Christian Apocryphal Gospels and Acts; and The Writings of Philo of Alexandria; Judaism and Platonism. Prerequisite: REL 101 or REL 102, or permission of instructor. Students taking the course at the 300-level are responsible for additional outside research.
- REL 221**      **The Rise of Western Christendom**      **3 Semester Hours**  
 This course focuses on the first one thousand years of Christianity. The scope of the course covers Christianity in both the Western and Eastern worlds. Topical foci vary the emphasis of the course. Topics include Politics and Theology in Medieval Spirituality and Artistic Expression; Iconoclasm, Greek Orthodoxy, and Islam. The course topics change according to student demand and the special interests and needs of religious studies majors and faculty. The course may be taken for credit more than once, provided the topical focus differs each time.
- REL 241**      **Christianity in America's Past**      **3 Semester Hours**  
 This course seeks to understand the nature and significance of religious belief and practices in the rise and development of American life and identity. Topics explored include: the Pilgrims and their Protestant faith and European origins; colonial religion and Native Americans spirituality; the Christian colonies and the Revolution; the young republic and church-state separation; revivalism and American individualism; religious persecution and Mormonism; Catholics in Protestant America; the Civil War and Christian killing Christian; the rise of African-American Christianity.
- REL 242**      **Religion in Contemporary America**      **3 Semester Hours**  
 In this course students consider the historical development and contemporary situation of religion in the United States of America. We study topics regarding religious diversity and pluralism, missions, social engagement, the relation of religion and science, immigrant religion, religion and civil rights, new religious movements, American civil religion, the development of contemporary Evangelicalism, and religion and politics.
- REL 254**      **Global Experiences in Service**      **3 Semester Hours**  
 An experiential course that will study the global needs of people in crisis and how people of faith strategically work to meet those needs. Participants will travel to countries such as Cambodia or the Dominican Republic to work in hands-on humanitarian service through The United Methodist Church General Board of Global Ministries. Prior to travel, we will seek to understand the culture, the history of the impact of religious missionaries, and the causes of the current crisis. We will learn how to engage in cultural sensitivity as travelers and to reflect on our own experiences with human compassion.
- REL 255**      **Judaism, Christianity, and Islam**      **3 Semester Hours**  
 This course explores the three contemporary world religions that trace their traditions back to Abraham, Sara, and Hagar including examination of founder figures (Abraham and Moses, Jesus and Muhammad); the histories of these religions, particularly in the West; the interactions of these religions in the contemporary world.

**REL 256                      Hinduism and Buddhism                      3 Semester Hours**

This course focuses on two of the world's most populous—and, increasingly, popular—religious, Hinduism and Buddhism. From shared roots in an ancient Indian Vedic worldview, the two religious spread well beyond their original confines and today reach from Japan to Indonesia to Guyana to North Carolina. In this course, we consider the textual, cultural, ritual, and philosophical foundations of these religions as well as how they have influenced contemporary society.

**REL 264                      Religious Education and Faith Development                      3 Semester Hours**

A blend of class work and field experience, this course serves as a general introduction to faith development and religious education in a variety of settings (churches, camps, retreat centers, etc.). Each student will develop his/her own philosophy of religious education, informed by major trends in the discipline, and exercise practical skills in lesson planning, curriculum development, and group leadership.

**REL 268                      Topics in Philosophy, Religion, and Story                      3 Semester Hours**

This course explores religion and philosophy through the powerful medium of story. Topical foci vary according to student demand and the special interests and needs of religious studies majors and faculty. Stories (books and movies) studied in light of philosophy and religion included: C.S. Lewis's Narnia series; J.R. Tolkien's Lord of the Rings; J. K. Rowling's Harry Potter series; Star Trek, The Matrix, and other Science Fiction series; King Arthur and Holy War; Dante and the Comedy of Heaven and Hell; Chaucer and the Christian Pilgrim; Shakespeare and the Life Well-Lived.

**REL 270                      New Religious Movements                      3 Semester Hours**

This course provides an introduction to the study of new religious movements (NRMs) in the United States of America. We will consider several case studies as well as examine the wider phenomenon of NRMs in the modern western world. We pay attention to the traditional sociological issues of leadership, charisma, conversion, and belief maintenance, as well as the lived practices and experiences of members of new religions, such as rituals, gender practices, spatial dynamics, childrearing, and holidays.

**REL 278                      Environmental Theology                      3 Semester Hours**

Although the peoples of the world are divided into multiple cultural and religious groupings, we share one fragile earth. In the 21st century, theology is becoming increasingly aware of this commonality, as the members of various religious groups seek within their own traditions to find both roots of our current ecological crisis and contributions to its potential resolution. This course explores what a variety of religions, both ancient and contemporary, have to say about the sacred ground of our being, as well as about our mutual responsibilities for tending this ground with care. When linked with ENG 217, Environmental Literature, REL 278 provides tools for reflecting on the spiritual and theological dimension of texts written about the natural world.

**REL 288/388                      Women and Religion                      3 Semester Hours**

From the roles of women in various world religions, to the relationship between sexuality and spirituality, to the impact of feminist theories upon theological reflection, this course examines a range of issues pertinent to the intersection of gender and religious studies. Students taking the course for upper level credit will do additional independent research.

**REL 312                      Jesus in the Gospels                      3 Semester Hours**

Each of the four Gospels of the New Testament contains a different portrait of Jesus. Comparing these portraits and placing them in both Jewish and Hellenistic backgrounds is the main work of this course. The history of Jewish and Christian interpretations of Jesus is also included. Prerequisite: REL 101 or REL 102, or permission of instructor.



**SCI 494**                      **Senior Project I**                      **2 Semester Hours**  
 Students begin a faculty approved project such as a senior thesis or research project. In this course, students propose a project question, develop a plan to resolve it, create a bibliography, and complete one chapter of writing. Class meets weekly for progress reports, discussion, critical thinking, and problem solving. Prerequisites: Senior standing or permission of instructor.

**SCI 495**                      **Senior Project II**                      **2 Semester Hours**  
 Students complete senior projects begun in SCI 494. Class meetings continue with discussion, critical thinking, and problem solving. Students also meet privately with their course advisor to review their papers or projects. The one-on-one reviews are used by the student to improve the writing, content, logic, and organization of the paper or project. Requirements include the final written paper and a formal oral public presentation summarizing the paper. Prerequisite: SCI 494.

## **SOCIOLOGY (SOC)**

**SOC 201**                      **Principles of Sociology**                      **3 Semester Hours**  
 In this introductory course, students identify the nature, concepts, and principles of sociology, including societies, cultures, the socialization process, social groups and institutions, social classes, and social change. Prerequisite: sophomore standing or permission of instructor.

**SOC 204**                      **Marriage and the Family**                      **3 Semester Hours**  
 A cross-cultural examination of contemporary family structures, SOC 204 emphasizes the relationships between husband-wife and parents-children. Students study various aspects of the family, including gender roles, values, religious influences, child-rearing practices, power structures, conflict within families, and the future of the family. Includes topics of mate selection, separation, divorce, remarriage, and stepfamilies. Prerequisite: sophomore standing or permission of instructor.

**SOC 210**                      **Social Science Research Methods**                      **3 Semester Hours**  
 SOC 210 presents the basic principles of qualitative and quantitative research methods, including experimental studies, focus groups, interviews, and surveys. It addresses study design, implementation, interpretation, and presentation. Prerequisite: SOC 201 or PSY 101.

**SOC 325**                      **Population and Contemporary Social Issues**                      **3 Semester Hours**  
 The basic principles of demography and geography at the global, national, and local levels, with emphases on conditions that influence population change and impacts of human populations on the environment, are introduced in SOC 325. Through detailed comparisons of countries, states, and cities throughout the world, students explore population characteristics and life chances, factors affecting trends in population structure and characteristics, population change associated with diseases, aging, urbanization, economic development and environmental alterations. Trends in population structure and characteristics are examined in terms of geography and public policies. Prerequisite: SOC 201 or BCE 211/211L.

## **SPANISH (SPA)**

**SPA 101**                      **Elementary Spanish I**                      **4 Semester Hours**  
 The fundamentals of Spanish grammar are covered in this course, with an emphasis on oral communication. Note: No college credit is given toward graduation for SPA 101 if the student has had two semesters of high school Spanish with a C or better in the last semester.

- SPA 102 Elementary Spanish II 3 Semester Hours**  
Continues the study of the fundamentals of Spanish grammar. Prerequisite Spanish 101 or two semesters of high school Spanish. If students have been successful (C or better) in two or more years of Spanish in high school, they should take a higher level or have permission of instructor.
- SPA 103 Culture and Civilization 3 Semester Hours**  
This course focuses on the geography, history, politics, and society of the Spanish-speaking world. The course is taught in English and does not involve the study of the Spanish language.
- SPA 201/202 Intermediate Spanish 3 Semester Hours each**  
Students in SPA 201/202 continue to review Spanish grammar with an increasing amount of reading and composition. Prerequisite: SPA 101, SPA 102, placement, or permission of instructor.
- SPA 301 Spanish Grammar and Composition 3 Semester Hours**  
This course is a thorough review of Spanish grammar by means of varied grammar and composition exercises. Though some of the material may be new to students, the majority of what is covered has been taught in Spanish 101, 102, 201, and 202. Prerequisite: Completion of Spanish 202 or placement.
- SPA 302 Spanish Conversation 3 Semester Hours**  
Spanish 302 concentrates on oral expression. Students work in pairs to solve problems, practice new vocabulary, conduct interviews and create dialogs. Students also speak on selected topics before the whole class. Prerequisite: Completion of Spanish 202 or placement.
- SPA 401 Advanced Spanish Language in Costa Rica 3 Semester Hours**  
Through reading and discussion of relevant articles and essays, students practice grammar, vocabulary and conversation.
- SPA 403 Cultural Studies of Costa Rica 3 Semester Hours**  
This course describes in detail the society and culture in Costa Rica from the Colonial period to the present. Students will take advantage of historic sites, museums, art centers, regional customs and foods, language enhancement opportunities, local universities, legislatures, etc.
- SPA 467 Costa Rican Spanish 3 Semester Hours**  
This course provides a formal venue for learning new vocabulary needed for everyday conversation, including sayings and idioms unique to Costa Rica. Only offered as part of the Costa Rica semester abroad program.
- SPA 469 Volunteer Project 3 Semester Hours**  
Students choose a volunteer project in medicine, education, community development or ecology, as part of their semester-long language and culture study in Costa Rica.

## **THEATRE ARTS (THE)**

- THE 101 Introduction to Theatre 3 Semester Hours**  
Designed for non-majors, this course explores the history and growth of the art and craft of theatre, including a study of representative playwrights, directors, designers, performers, and plays.

**THE 103 Introduction to Acting 3 Semester Hours**

In this studio, students are provided with an opportunity to develop imagination, concentration, and acting skills through the disciplines of improvisation and scene study. Improvisation is employed as a means of structuring original ideas in order to create satire, as a method of confronting and solving acting problems, as a way to inspire social change, and as a means of theatricalizing non-dramatic sources such as folktales and dreams.

**THE 104 Applied Theatre 1 Semester Hour**

This course offers first year students the opportunity to receive academic credit for production work within the Department of Theatre Studies. Forty hours of work is required. Prerequisite: permission of instructor.

**THE 115 Script Analysis 3 Semester Hours**

In this foundation course, students will develop skills in examining scripts for production. Each student will be provided with a method of playscript analysis based upon attention to fundamentals of action, structure, and character.

**THE 121 Stage Crafts I: Scenery, Lighting, Sound 3 Semester Hours**

This class provides students with a foundation in the concepts and principles of technical theatre. Students learn basic methods of scenic construction, scene painting, lighting, sound, and design.

**THE 122 Stage Crafts II: Costumes and Makeup 3 Semester Hours**

This class provides students with a foundation in the concepts and principles of technical theatre in the areas of costume and makeup. Students learn methods of costume construction, basic makeup application, and design.

**THE 203 Scene Study 3 Semester Hours**

This studio offers a continuation of skills learned in THE 101, with an emphasis on scene work. Students learn methods of making active theatrical choices in character development and relationships between characters. Prerequisite: THE 103 or permission of the instructor.

**THE 204 Applied Theatre 1 Semester Hour**

This course offers sophomores the opportunity to receive academic credit for production work within the Department of Theatre Studies. Forty hours of work is required. Prerequisite: THE 104, sophomore status, and permission of the instructor.

**THE 213 Introduction to Directing 3 Semester Hours**

In this class, students will explore the principles and practice of play directing for beginning directors. Class discussion of the collaborative components of the theatre, the director's approach to the script, the actors, and the theatre space, and laboratory experience in directing scenes form the core experiences of this course. Prerequisite: THE 203 and THE 115 or permission of the instructor.

**THE 220 Drawing for the Theatre 3 Semester Hours**

This course provides fundamentals in hand drafting techniques. Students will gain the ability to communicate 3-D graphics in a two dimensional fashion, utilizing theatrical industry standards.

**THE 221 Scene Design 3 Semester Hours**

This course introduces a text driven design process in which emphasis is placed on the process of design. Students will learn proper research and presentation techniques as well as basic design fundamentals. Prerequisite: THE 121 and THE 115.



**THE 361 Theatre Methods (K-12)** 3 Semester Hours  
In this course, prospective theatre teachers acquire strategies and techniques for instructing theatre K-12. Topics addressed include curriculum and materials, assessment, and community.

**THE 403 Voice and Movement for the Stage** 3 Semester Hours  
This course concentrates on the use of body and voice for character development. Prerequisite: THE 203 or permission of the instructor.

**THE 404 Applied Theatre** 1 Semester Hours  
This course offers students at the senior level the opportunity to receive academic credit for production work within the Department of Theatre Studies. Forty hours of work is required. Prerequisite: THE 304 and senior status, or permission of the instructor.

**THE 450 Senior Project** 4 Semester Hours  
In consultation with the advisor and committee, theatre studies majors will write a proposal for a senior project or paper. The length and breadth of the project/paper will vary according to the subject. Prerequisites: senior status and theatre studies major.

## **WILDERNESS LEADERSHIP (WLEE)**

**WLEE 101 Introduction to Outdoor Education** 3 Semester Hours  
This course explores the theories, principles and skills of wilderness leadership and experiential education, including the historical and philosophical foundations. Field experiences may include minimum impact backcountry travel and living skills, environmental ethics and interpretation, navigation, climbing, canoeing, sea kayaking and trail service opportunities. There is a required weekend trip.

**WLEE 151-159 Wilderness Activities**  
WLEE Skill courses (see page 172) Weekend trips required.

**WLEE 200\* Leadership and Group Dynamics in Outdoor Pursuits** 3 Semester Hours  
This course is offered as a component of the Immersion Semester in which five interrelated courses are taught in an on-going fashion. This course will study theories and principles of small group dynamics, leadership principles, including problem solving, group member roles, decision making, ethical issues, communication skills and a variety of other concepts. Emphasis will be placed on situations and populations relevant to wilderness based and experiential education programs. \*Only offered as part of the Immersion Semester.

**WLEE 201 Lifeguarding** 2 Semester Hours  
This course equips students with the lifeguarding skills and knowledge to prepare them as a professional rescuer in aquatic facilities. With successful completion of the course objectives, students earn American Red Cross certification in Lifeguard Training, First Aid and CPR for the Professional Rescuer. Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 202 Water Safety Instructor (WSI)** 2 Semester Hours  
This course equips students to plan, conduct, teach, and evaluate swimming and water safety courses. With successful completion of the course objectives, students earn American Red Cross certification in Water Safety Instruction. The program covers skills and knowledge in a logical progression for aquatic skill development. Prerequisites: Minimum age of 17 years. Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 220                      Theory and Practice of Experiential Education                      3 Semester Hours**  
 This course begins with an examination of historical, philosophical, social and psychological foundations of experiential education and proceeds to examine current trends and theoretical developments. Particular attention will be focused on understanding how current theory may be applied to the practice of Wilderness Leadership and Outdoor/Adventure Education. Prerequisite: WLEE 101.

**WLEE 250\*                      Wilderness First Aid                      3 Semester Hours**  
 This course is offered as a component of the Immersion Semester in which five interrelated courses are taught in an on-going fashion. This course focuses on medical emergencies when help is miles away and dialing 911 is not an option. Lecture and hands-on simulation sessions help students prepare to handle emergency situations that involve prolonged patient care, severe environments, and improvised gear. Students will have an opportunity to receive Wilderness First Responder certification through a nationally recognized medical education provider with complete attendance and ability to meet WFR knowledge, skill, and certification criteria. Taking the course does not guarantee certification.

*\* Only offered as part of the Immersion Semester.*

**WLEE 251                      Canoe Instructor                      2 Semester Hours**  
 This 2 hour advanced WLEE skills course is designed for those involved in teaching river skills, including among other things paddling technique and the necessary skills for safe craft handling on rivers. These programs are designed for moving water and whitewater environments. This instructor program track is based on the American Canoe Association River Canoe Instructor Curriculum and offers instructor ACA certification at differing levels based on an individual candidate's personal skills and teaching ability, however, participation in the course does not guarantee certification. There are two weekend trips required. Prerequisites: Immersion Semester; Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 252                      Advanced Rock Climbing                      2 Semester Hours**  
 This 2-credit advanced WLEE skills course will introduce and provide many opportunities to practice the advanced techniques and systems required to participate and lead safe, enjoyable, and environmentally sound climbing trips. It will include examination of and participation in top rope climbing, multipitch climbing, rappelling, fixed line climbing, and basic rock rescue. A weekend trip is required. Prerequisites: Completion of Immersion Semester and WLEE Major. Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 255                      Kayak Instructor                      2 Semester Hours**  
 This 2 hour advanced WLEE skills course is designed for those involved in teaching river skills, including among other things paddling technique and the necessary skills for safe craft handling on rivers. These programs are designed for moving water and whitewater environments. This instructor program track is based on the American Canoe Association River Kayak Instructor Curriculum and offers instructor ACA certification at differing levels based on an individual candidate's personal skills and teaching ability, however, participation in the course does not guarantee certification. There are two weekend trips required. Prerequisites: Immersion Semester; Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 256                      Advanced Navigation                      2 Semester Hours**

This 2-credit advanced WLEE skills course is designed to familiarize students with advanced wilderness navigation skills including the use of various map grids, the various map types used in North America, the Global Positioning System, deduced reckoning, triangulation, coastal navigation, off trail navigation and the use of computer software in trip planning. Two Saturday field days will be required. Prerequisites: Completion of Immersion Semester and WLEE Major. Prerequisite: Completion of Immersion Semester. Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 257\*                      Environmental Ethics and Skills in Outdoor Pursuits                      2 Semester Hours**

This 2 credit advanced WLEE skills course is designed to develop understanding and appreciation for environmental philosophies and ethics related to outdoor pursuits. The student will develop competency in teaching and deliberating minimum impact practices for various outdoor pursuits in diverse ecosystems. This course offers a Leave No Trace Trainer certification; participation in the course does not guarantee certification.

*\*Only offered as part of the Immersion Semester.*

**WLEE 259                      Coastal Sea Kayaking                      2 Semester Hours**

This 2-credit advance WLEE skills course is designed to familiarize students with strokes and maneuvers, self and assisted rescues, and kayak navigation required for travel in open coastal waters and moderate surf zones. Students will become familiar with the risk management and safety concerns as well as practice group management techniques relative to boating in open coastal waters. Prerequisites: Immersion Semester; Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 260                      Challenge I: Group Games and Initiatives                      2 Semester Hours**

This 2-credit advanced WLEE skills course is designed to introduce the students to the basics of facilitating group games, initiatives and low ropes elements. History, theory, principles and skills of group and game initiative leadership will be explored in an experiential context. Emphasis will be on sequencing and leading activities safely and methods of group processing. Prerequisite: WLEE 101; Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 261                      Challenge II: Ropes Course Facilitation                      2 Semester Hours**

This 2-credit advanced WLEE skills course is designed to introduce the student to basics of high challenge course facilitation skills. Emphasis will be on safety, program design, rescue skills, and processing. Students will become familiar with national standards regarding challenge course facilitation and administration. Administrative skills will also be covered. Prerequisites: Completion of Immersion Semester and WLEE 260: Challenge I. Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

**WLEE 265                      Advanced Swiftwater Rescue                      2 Semester Hours**

This 2-credit advanced WLEE skills course focuses on the prevention of river accidents, including knowledge of river dynamics, swiftwater hazards, swimming, boat handling and trip management. The course emphasizes the safety of rescuers, while instilling the skills, knowledge, and rescue philosophy needed for access and rescue of river victims. Certification in American Canoe Association Advanced Swiftwater Rescue may be offered; however, participation in the course does not guarantee certification. There is a weekend trip required. Prerequisite: Completion of Immersion Semester; Course eligibility contingent upon Instructor's approval of student's competence in the basic essential skills unique to this course.

- WLEE 301 Wilderness/Experiential Education Practicum 1-2 Semester Hours**  
This course provides students with practical work experience, either through a program offered by the College or in an existing outdoor or experientially based agency. The student's work program must be approved by the faculty. Prerequisite: junior level standing or permission of instructor.
- WLEE 305 Risk Management and Legal Liability in Outdoor Programs 3 Semester Hours**  
This course familiarizes students with civil law as it applies to experiential and exercise programming. Topics covered include torts, legal duties, legal liability, the structure of the lawsuit, the notion of the prudent practitioner, the "reasonable man or woman standard," readings in relevant case law, and risk management from a legal perspective. Prerequisite: WLEE 101; junior level standing or permission of instructor.
- WLEE 310\* Outdoor Pursuits Education: Water-Based 3 Semester Hours**  
This course is offered as a component of the Immersion Semester in which five interrelated courses are taught in an on-going system. The focus will be on developing teaching styles, techniques and methods for water-based outdoor pursuits. This course offers hands-on experience in skill development and leadership training of sea kayaking, flatwater and whitewater canoeing, and flatwater and whitewater kayaking. \* Only offered as part of the Immersion Semester.
- WLEE 320\* Outdoor Pursuits Education: Land-Based 3 Semester Hours**  
This course is offered as a component of the Immersion Semester in which five interrelated courses are taught in an on-going system. The focus will be on developing teaching styles, techniques and methods for land-based outdoor pursuits. This course offers hands-on experience in skill development and leadership of backpacking, rock climbing, caving, navigation and backcountry living skills. Other land based activities may be included. \* Only offered as part of the Immersion Semester.
- WLEE 340 Outdoor Program Administration 3 Semester Hours**  
This course examines administrative and program issues uniquely related to outdoor recreation and education programs in a variety of program settings including camps, schools, colleges and universities, community/county recreation programs, and military recreation programs. Prerequisite: junior level standing or permission of instructor.
- WLEE 350\* Wilderness Expedition 3 Semester Hours**  
This course is offered as a component of the Immersion Semester in which five interrelated courses are taught in an on-going system. This course involves participation in the planning, leadership, instruction, execution and evaluation of a 21-day expedition in the Southern Appalachian Mountains. \* Only offered as part of the Immersion Semester.
- WLEE 391 Wilderness Leadership and Experiential Education: Internship Preparation 1 Semester Hour**  
This course is designed to prepare the student to search, apply, interview and prepare for a professional internship in the wilderness leadership and experiential education field. Subjects covered include: defining and setting learning objectives and goals for the internship experience, developing a professional resume, writing cover letters, applying for internships, interviewing skills, professionalism on the job, and other professional job seeking skills. Students will develop and finalize reporting procedures and schedules with their academic advisors for the internship experience. Prerequisite: WLEE major; junior level standing or permission of instructor.

**WLEE 392**                      **Wilderness Leadership and Experiential Education: Internship**                      **6 Semester Hours**

This course is comprised of the actual internship experience with an approved agency in outdoor and experiential education and approved broad-based job description for a minimum of 480 hours over a ten to twelve week period. It is supervised by the advisor of the student in the WLEE major and an on-site agency professional. Students are expected to complete regular and thoughtful internship journal entries, prepare and present an internship presentation, develop a portfolio for the experience, and write a reflection paper on the knowledge and future application of their learning. Prerequisite: WLEE 391, approval of site by student's faculty academic advisor, completion of Immersion Semester.

**WLEE 402**                      **Ethics of Wilderness Leadership and Experiential Education**                      **3 Semester Hours**

This course has a threefold focus: (1) students take a critical look at the complex ethical dilemmas and situations that arise within camps, wilderness and fitness programs, and other experiential settings; (2) students learn to use the tools of normative and analytic ethics from a philosophical perspective, consider various approaches to ethics in general, and apply these approaches to practical situations; (3) students examine their own personal ethical perspectives as these influence their work within professional contexts. Prerequisite: WLEE 101; senior level standing or permission of instructor.

**WLEE 405**                      **Senior Seminar in Wilderness Leadership and Experiential Education**                      **3 Semester Hours**

Students majoring in wilderness leadership and experiential education will have the opportunity to explore topics that may not be covered within existing courses or further explore professional issues and trends. The open topics seminar will be either faculty- and student-generated and will have as its reason-for-being the establishment of an open-ended format that can meet emerging student and faculty interests. Prerequisite: WLEE major, senior level standing or permission of instructor.