

from first contact (including works in the Native American oral tradition) to the Civil War. Authors may include Bradstreet, Melville, Wheatley, Equiano, Douglass, Thoreau, Emerson, Dickinson, and Whitman. (Prerequisite: ENGL 230 and ENGL 231.) In regular rotation.

**364.** American Literature from 1860 to 1914 (4). Survey of American Literature from the Civil War to WWI. Authors may include James, Wharton, Howells, Dreiser, Crane, Gilman, Dunbar-Nelson, Cable, Chopin, and Twain. (Prerequisite: ENGL 230 and ENGL 231.) In regular rotation.

**365.** Modern and Contemporary American Literature (4). Survey of American Literature from the Modern Period to the present (sometimes called the Post-Ironic Period). Authors may include Hemingway, Faulkner, Dos Passos, Hart, Crane, Frost, Penn Warren, Morrison, Kingston, Dove, Komunyakaa, Collins, and Hass. (Prerequisite: ENGL 230 and ENGL 231.) In regular rotation.

**407.** Capstone: Literature Seminar (4). An in-depth study of a movement, genre, specific author or other subject related to literature. May be repeated once for credit. (Prerequisite: one course numbered 340-349.) Fall.

### English Language

**332.** English Language (4). A study of the form, structure and history of English. Topics may include grammar, syntax, language acquisition, sound and structure changes, the influence of migration and the political implications of language. (Prerequisite: English 230 and English 231). Spring

### Special and Advanced Courses

**199.** Exploratory Internship (1-4).

**299.** Experimental Course (4).

**399.** Professional Internship (1-12).

**451.** Independent Study (1-4). Advanced study in areas beyond regular course offerings. (Prerequisite: written departmental permission.)

**499.** Advanced Experimental Course (4).

### Skill Courses

Students completing skills courses 081 or 090, will receive institutional credit for the computation of financial aid and grade point average. Students completing 119, 120, or 190 will receive institutional and graduation credit.

**081.** College Reading and Critical Thinking (1). Using a strategic, content-based approach, students learn to apply questioning techniques, writing strategies and critical thinking skills to their college reading. Students should be concurrently enrolled in a heavy-reading content course. May be repeated with permission of instructor.

**090.** Study Skills I (1). Personal and academic growth

through the application of learning principles to college study. Students assess their learning styles and analyze current learning theory to develop effective study strategies. Emphasis is placed on applying strategies to individual learning goals and monitoring effectiveness. May be repeated with permission of instructor.

**119.** Speed Reading (1). Improve reading rate with paced/timed exercises. Through eye pattern training, the eyes make fewer fixations. This effective technique will decrease the amount of time reading while improving comprehension.

**120.** Research Paper Writing (1). Systematic explanation of the process of research writing. Students develop the necessary technical skills for the completion of a polished research paper.

**190.** Reading Preparation for the GRE, LSAT, and MCAT (1). Identification and application of the critical reading and test-taking skills required by pre-professional exams such as the GRE, LSAT, and MCAT. Class time is spent critically analyzing reading passages, developing vocabulary and analogous reasoning capabilities, developing appropriate reading strategies and practicing test-taking skills. Instruction is individualized and test specific.

## **Environmental Studies/ Science Program**

The Environmental Studies/Science program, which leads to a Bachelor of Arts degree, is multidisciplinary in nature, combining arts, humanities and sciences. It is designed to prepare students to enter a variety of environmental careers, both scientific and non-scientific in nature. The core of the major consists of the introductory Environmental Perspectives and Careers course, illustrating the diverse nature of the field and options available in environmental careers; the course entitled Environmental Problems and Solutions, which investigates solutions to environmental problems; and the Senior Culminating Experience. Students can major in either an arts and humanities oriented Environmental Studies program or a science oriented Environmental Science program. Recognizing that environmental careers require skills developed in other academic areas, ESS students in environmental studies are required to have a second major. ESS students in environmental science are required to have a minor or a second major in either Biology, Chemistry, Geology or Physics. Related internships are strongly recommended.

### ***Major Program Requirements***

#### **Bachelor of Arts in Environmental Studies**

(30 hours from various departments; requires a second major)

#### **Environmental Studies Core (5-7 hours)**

ESS 125 Environmental Perspectives and Careers (2)  
ESS 325 Environmental Problems and Solutions (2)  
ESS 400 Senior Culminating Experience (1-3)

#### **Environmental Studies Cognate Electives (23-25 hours)**

3 of the following: ESS 205, PHIL 304, PSCI 345, or  
SOC 309 (10-11)  
Career-related electives\* (12-16)

Electives must be approved by the ESS chair and the chair in the second major.

Statistics (Mathematics 204 or Psychology 211), Computer Information Systems 106 and related internships are strongly recommended for graduate preparation.

Bachelor of Arts in Environmental Science (30 hours from various departments; 24 hours of cognates; requires a second major)

#### **Environmental Studies Core (5-7 hours)**

- ESS 125 Environmental Perspectives and Careers (2)
- ESS 325 Environmental Problems and Solutions (2)
- ESS 400 Senior Culminating Experience (1-3)

#### **Environmental Science Cognate Electives (23-25 hours)**

1 of the following: GEOL 205, PHIL 304, PSCI 345, or SOC 309 (3-4)  
Career-related electives\* (19-22)

\*Electives must be approved by the ESS chair and the chair in the second major.

#### **Environmental Science Cognates (24 hours)**

- BIOL 103 Plant Biology (4)
- BIOL 104 Animal Biology (4)
- BIOL 217, 218 Principles of Ecology, Laboratory (3,1)
- CHEM 105/107, 106/108 General Chemistry I, II (4,4)
- GEOL 101 Physical Geology (4)
- Statistics (Mathematics 204 or Psychology 211), Computer Information Systems 106 and related internships are strongly recommended for graduate preparation.

The semesters listed after course descriptions indicate when courses are expected to be offered. Schedules are subject to change; students should confirm semester offerings with the department when planning degree programs.

**125.** Environmental Perspectives and Careers (2). An investigation of environmental perspectives from a variety of disciplines and their relationship to environmentally related careers. The course will include representatives from many academic departments and off-campus professionals and requires that a four-year curriculum be designed for career preparation. Spring.

**325.** Environmental Problems and Solutions (2). An investigation of current environmental problems and possible solutions offered from different perspectives. Students will prepare a proposal dealing with a possible solution to an environmental problem. The proposal will reflect the academic interest and perspective of each student (their minor or major) and will serve as preparation for ESS 400. (Prerequisite: 125 and sophomore standing.) Spring.

**375.** Geographic Information and Positioning Systems (4). Historical perspective of how maps are made and global

positions determined and the current means of employing computer and satellite technology using geographic information systems (GIS) and global positioning systems (GPS). Three hours lecture, three hours laboratory per week. (Prerequisites: GEOL 101, MATH 115 and a 200-level Biology or Earth Science course.)

**400.** Capstone: Senior Culminating Experience (1-3). Original research writing, performance or show on an environmental issue. A formal presentation of the final product is required. (Prerequisite: 325.) Fall.

#### ***Special and Advanced Courses***

**199.** Exploratory Internship (1-3). Does not count toward a departmental major.

**299.** Experimental Course (1-3).

**399.** Professional Internship (1-12).

**451.** Independent Study (1-3). A program of supervised reading, research or work in an area of special interest to the student. (Prerequisite: written departmental permission.)

**499.** Advanced Experimental Course (1-3).

## **Exercise Science/Physical Education**

### ***Mission Statement***

The Department of ESPE offers undergraduate majors in exercise science and physical education, as well as a graduate degree track in athletic training through the exercise science major. Within the exercise science major there are three tracks: health management, pre-professional (intended for graduate school preparation), and the graduate degree in athletic training. Within the health management track there are two areas of concentration: business or psychology. Essentially, students majoring in exercise science with a track in health management will have a minor in business or psychology as well.

Students graduating from the ESPE department have pursued: (a) careers in teaching (K-12), coaching, personal training, health promotion, and sports administration, (b) graduate study in areas such as athletic training, adapted physical education, biomechanics, coaching, exercise physiology, growth and motor development, sport psychology, sport sociology, and sport administration; and (c) professional study in medically-related fields such as medicine (allopathic or osteopathic), physician assistant, physical therapy, athletic training, and occupational therapy.

The departmental mission for all of our undergraduate students is to develop creativity and critical thinking skills required of responsible professionals in order to develop and improve the health and wellness of those in the local and global communities. By incorporating academic disciplines from across campus and hands-on experience in and out of the classroom, the department prepares students with a blend of academic diversity and practical application.

The mission of the department for the Five-year Combined Master's Degree Program in Athletic Training is committed to the personal and professional growth of individual students. In