

**211 Practicum IA (3)**

A consideration of the primary educational theories and social forces which have shaped education; the study of theories, principles and characteristics of human development; and the study of teaching in terms of psychological principles are the primary areas of study in this course. Field experience in elementary and secondary schools and English as a Second Language classrooms are a major component of the course.

**325 Methods I (3)**

An examination of current theory, methods and materials used for English as a Second Language instruction as well as a survey of assessment instruments and measurements appropriate for use with the English as a Second Language student to aid in the diagnosis and treatment of problems associated with learning English as a Second Language.

**326 Methods II (3)**

A survey of the methods of teaching English as a Second Language. Topics to be covered include materials, selection, objective writing, materials preparation, test construction, and classroom management.

**421 Internship in Teaching English as a Second Language (0-12)**

A field experience centering around teaching in an English as a Second Language classroom, with full responsibility to plan and teach classes for a period of four weeks.

**455 Student Teaching (English as a Second Language) (10)**

Full-time student teaching in the area of English as a Second Language with K-12 experiences. Students will carry out all responsibilities to plan and teach classes for the second language learner. *Prerequisite: English as a Second Language 211, 325, and 326, or permission. Offered fall term.*

## **Environmental Science (EVS)**

**Associate Professor Soucek**

### **Requirements for the Environmental Science Major:**

Complete the following courses:

1. Biology 101, 206, 208, 252, 295, 342, Business 410, Chemistry 125, 126, Chemistry 203 (or 205), Economics 309, Environmental Science 301, 351, 495, 496, Geology 101, English 318, Mathematics 125 or above (Mathematics 235 recommended).
2. A minimum of seven credits from the following groups (at least one course must be from each group):
  - a. Biology 224, 302, 310, 337, 353
  - b. Chemistry (four credits), Environmental Science 101, Geology 107, Political Science 243, Physics credits chosen from 107, 108, 201, or 202.

(Students declaring this major may not minor in Environmental Studies.)

**NOTE:** A student who has completed the Environmental Science major has also completed a biology minor. A student may also receive a chemistry minor by completing Chemistry 203, 205 and one additional four-credit course in chemistry; four of these credits would be completed in 2b.

### **Requirements for the Environmental Studies Minor:**

Complete at least 19 credits as follows:

1. Complete the following courses (10 credits): Business 410, Economics 309, Environmental Science 301.
2. Complete an additional nine credits selected from the following groups (at least one course must be from each group; students majoring in biology may select only one biology course from group a):
  - a. Biology 224, 302, 310, 337, 342, 353, Geology 101, 107.
  - b. English 318, Environmental Science 101, Political Science 243.

**NOTE:** Students declaring this minor may not major in Environmental Science.

#### **101 Environmental Education (1)**

A course designed to provide an understanding of the earth's natural systems and the human role in those systems. Basic teaching methods specific to this educational field include completion of environmental education programs such as Project WILD. Upon successful completion of this course, students will demonstrate the understanding and exhibit the skills needed to teach concepts related to human interdependence with ecological systems. **Prerequisite:** *Biology 101, Environmental Science major or Environmental Studies minor, or permission of instructor. Offered fall term.*

#### **301 Environmental Science (4)**

An examination of the role of humans in altering the quality of the environment. Topics include pollution, population, global warming, wildlife conservation, and environmental politics. Topics related to basic ecosystem structure and function are explored, as well as the human impact on ecosystems. Upon successful completion of this course, students will demonstrate an understanding of environmental issues, science content, and the interdisciplinary nature of environmental science. **Prerequisite:** *Biology 101. Offered alternate spring terms.*

#### **351 Environmental Science Research I (2)**

In this introduction to research, each student chooses an environmental topic, investigates it thoroughly in the scientific literature, and presents both a written and a formal report in a formal setting. The report will include a proposal for further research. The topic will then be investigated during the student's senior research project. Upon successful completion of this course, the student will have developed information retrieval skills in regard to primary scientific literature and will have developed skills in formal scientific writing, speaking, and experimental design. **Prerequisite:** *Environmental Science major and junior standing. Offered fall term.*

**421 Environmental Science Internship (0-12)**

On-the-job experience in environmental science. *Prerequisite: Cooperative Education 205 or permission. (Pass/Fail)*

**495-496 Environmental Research II, III (2) (2)**

A two-semester laboratory or field project required of all senior environmental science majors. This course is a continuation of the student's Environmental Science 351 Environmental Science I topic. Students conduct an environmental study concluding with a report in an appropriate format. Upon successful completion of this course, students will have developed skills in experimentation, scientific writing, presentation, and critical thinking. *Prerequisite: Senior Environmental Science major, Environmental Science 351. Environmental Science 495 offered fall term; Environmental Science 496 offered spring term.*

## **Fine Arts (FAR)**

**Associate Professor Ferguson**

**Adjunct Assistant Professor Breckbill**

**103 Introduction to Fine Arts: Music (3)**

An introduction to the art of music as an expression of the cultures of civilizations, both East and West, through selected examples of music literature.

**104 Fundamentals of Music (3)**

A study of the nature of musical intelligence, aptitude and sensitivity; basic rhythmic, pitch, and intervallic skills. This course also emphasizes the development of individual musical potential, as well as the understanding of music as an art form. **Required of all freshmen planning a music or music education major or minor and of students who receive a substantial music special ability scholarship. This course should be taken in the fall of the freshman year.**

## **French (FRE)**

**Associate Professor Franklin**

The French program is designed to serve a variety of goals. It provides instruction in the French language, French and Francophone literature and culture, and plays an integral role in the Contemporary European Studies major. Students with a knowledge of French will find career opportunities throughout the French-speaking world in business, management, marketing, development programs, education, science, and communication. A major in French is required for certification to teach the language in high school.

**Requirements for the French Major:**

1. Complete 30 credits of French, excluding French 101, 102, 319, 321, 324, and 325.