

# ENVIRONMENTAL STUDIES

Keyword: *Environmental Studies*

## Degree Offered:

None; UW-Parkside offers an environmental studies minor.

## Associate Professors:

James, Ph.D.; Kaufman, Ph.D.; Mayer, Ph.D.; Skalbeck, Ph.D. (Director); Thomson, Ph.D.; Walasek, Ph.D.; Wolf, Ph.D.; Wood, Ph.D.

## Assistant Professor:

Cleary, Ph.D.; Rogers, Ph.D.; Ward, Ph.D.

## Lecturer:

Mossman, Ph.D.

## Adjunct Instructor:

Kinzelman, Ph.D.

## Student Organizations/Clubs:

BIOS Club, Geosciences Club, Geography Club, Parkside Environmental Club.

## Career Possibilities:

Environmental consulting, environmental law and law enforcement, forestry, journalism, natural resource management, science teaching, sustainable management, wetlands management, wildlife conservation.

## Program Overview

The Environmental Studies Program is an interdisciplinary program designed to focus the studies of students having a strong interest in environmental issues. It attempts to develop an appreciation for the scope of environmental problems and the costs and consequences for various solutions. It draws upon the expertise of a diverse group of faculty in the College of Arts and Sciences, and it is open to all students.

## Requirements for the Environmental Studies Minor (19 credits)

The environmental studies minor consists of a minimum of 19 credits, of which a minimum of 6 credits must be taken in science and a minimum of 6 credits in liberal arts, chosen from the following courses:

**A. ENVS 495 Seminar on Environmental Issues . . . 1 cr**  
Required of all students, and may be repeated for credit when the theme is different.

### B. Environmental Survey (3 Credits)

BIOS 104	Environmental Science: A Biological Approach* . . . . .	3 cr
CHEM 109	Environmental Chemistry. . . . .	3 cr
GEOG 308	Conservation of Natural Resources. . . . .	3 cr
GEOS 103	Environmental Science: An Earth Resources Approach . . . . .	3 cr

\* Biological sciences majors should take BIOS 305 Principles of Ecology, not BIOS 104; and

Geosciences majors should not take GEOS 103.

### C. Environmental Policy (3 Credits)

ECON 300	Environmental Economics . . . . .	3 cr
POLS 302	Environmental Policy . . . . .	3 cr
SOCA 379	Society and the Environment . . . . .	3 cr

### D. Electives (12 Credits)

Twelve elective credits taken outside one's major field (except for a possible 3-credit independent study which may be taken within the major) selected from the list below or from ENVS 495 and core courses beyond those used to meet requirements A and B.

### Other Courses Which Count for the Minor

- BIOS 102, 202 or 303, 305, 313, 318, 324, 330
- ECON 120, 320
- ENGL 202
- ENVS 110, 290, 335, 336, 390, 490, 499
- GEOG 108, 306, 323, 324, 326, 382, 384, 365, 396
- GEOS 106, 108, 320, 361, 440, 445, 465, 470
- PHIL 220
- POLS 202, 250
- SOCA 482

(Some of these courses have prerequisites; see an environmental studies adviser to plan your program of studies.)

Independent study for 3 credits may be taken under a member of the environmental studies minor faculty. An independent study within the student's major field must be approved by the environmental studies faculty committee.

## Background Courses

Students adopting an environmental studies minor are encouraged to take as many of the following as possible:

- CHEM 101, 102
- ECON 121, 325, 405
- ENGL 402
- GEOG 100, 105, 110, 215, 250, 315, 320, 360, 375
- GEOS 100, 101, 102, 301
- HIST 101, 102, 120, 128, 313, 324, 341, 346
- PHIL 101, 206, 320
- POLS 100, 104, 214, 215, 216, 320, 331, 341, 360, 400

Statistics is an important tool for environmental studies, and therefore students are urged to take one of the following:

- BIOS 210
- GEOG 300
- MATH 309, 310
- PSYC 250
- QM 210
- SOCA 250

## Courses in Environmental Studies (ENVS)

### 110 Energy and the Environment .....4 cr

*Prereq: None. Freq: Occasionally.*

A multi-disciplinary, team-taught course that examines public issues united by the themes of energy and the environment. Three-hour lecture; three-hour lab/field trips.

### 290 Special Topics in Environmental Studies .....1-4 cr

*Prereq: Consent of instructor. Freq: Occasionally.*

Special topics in environmental studies will be examined.

### 335 Energy.....4 cr

*Prereq: Consent of instructor. Freq: Fall*

Students will learn how to research and evaluate science-rich public issues, document the analytical process, and communicate analyses to others. Science content in the course will be experienced in the context of large unsolved questions united by the themes of energy and the environment. Topics such as alternative energy sources, vehicle design, nuclear power and waste, public ownership of utilities, among others, will be considered in a two-to-three week module, with in-class work, homework assignments, and laboratory work in that period focusing on the topic of interest. Three hour lecture, three hour lab, presented in an integrated studio style.

### 336 Environmental Justice .....4 cr

*Prereq: Consent of instructor. Freq: Spring.*

Students will learn how to research and evaluate science-rich public issues, document the analytical process, and communicate analyses to others. Science content in the course will be experienced in the context of large unsolved questions united by the themes of energy and the environment. Topics such as brownfield development, urban agriculture, air quality and asthma, toxic waste processing, among others, will be considered in a two-to-three week module, with in-class work, homework assignments, and laboratory work in that period focusing on the topic of interest. Each module will be given at least two laboratory periods, plus the associated class periods. Three hour lecture, three hour lab, presented in an integrated studio style.

### 390 Special Topics in Environmental Studies .....1-4 cr

*Prereq: Consent of instructor. Freq: Occasionally.*

Special topics in environmental studies will be examined.

### 490 Special Topics in Environmental Studies .....1-4 cr

*Prereq: Consent of instructor. Freq: Occasionally.*

Special topics in environmental studies will be examined.

### 495 Seminar on Environmental Issues .....1 cr

*Prereq: Junior standing. Freq: Spring.*

Major environmental issues are explored from a multidisciplinary perspective; includes both faculty and student-guided discussions. May be repeated for credit when the theme is different.

### 499 Independent Study .....1-3 cr

*Prereq: Consent of instructor and director.*

*Freq: Fall, Spring, Summer.*

An independent project carried out under the supervision of a member of the environmental studies faculty. Up to 3 credits may count as elective credit toward the minor.