

## INDIVIDUALIZED MAJOR

# Environmental Studies

UConn students interested in a major focused on the environment can pursue their interest in a number of ways. One option is the Environmental Science major. It offers concentrations in a number of different areas: environmental biology, environmental chemistry, environmental geography, environmental geoscience, marine science, soil science, natural resources, resource economics and environmental health. See the Environmental Science website (<http://www.enviroscience.uconn.edu/>) to learn more about this major and to consider the many relevant courses that are taught in the departments participating in this interdisciplinary program.

The Individualized Major Program is another option and may be especially appropriate for students with an interest in environmental policy who wish to combine the sciences, social sciences, and humanities in their major. An individualized major may also be appropriate for students pursuing a strong scientific focus but whose interests cannot be fully met through environmental science. Some recent environmental studies IMJRs include:

Environmental Writing	Environmental Policy and Legal Studies
International Environmental Policy	Energy, Environment and Society
Environmental Biochemistry	

Students with interests in the environment have often become involved with EcoHusky, the UConn Office of Environmental Policy ([www.ecohusky.uconn.edu/students.html](http://www.ecohusky.uconn.edu/students.html)), serving as interns and/or organizing campus initiatives focused on the environment. The EcoHusky webpage also provides an overview of all the majors and minors at UConn that address the environment.

### REQUIRED COURSES

The individualized major consists of at least 36 credits at the 2000-level or higher (formerly 200-level); at least 18 credits must be offered by the College granting your degree.

#### ***Research Methods***

You must include a research methods or research course to satisfy part of your information literacy competency requirement. This methods course should be offered by one of the departments represented in your plan of study.

#### ***Capstone***

Every individualized major must satisfy a capstone requirement. Therefore, your plan of study must include INTD 4600W (295W) Capstone course, INTD 4697W (296W) Senior Thesis, or an acceptable alternative.

#### ***Writing***

You must include another writing-intensive course in your major, beside the capstone. This will normally be a course that is designated "W" in the course catalog.

#### ***Experiential Learning***

Study abroad, internships, and/or research are strongly recommended.

### RECOMMENDED COURSE PREREQUISITES

Many of the courses relevant to an environmental studies major will have prerequisites. This is especially true of courses in the sciences (for example, Ecology and Evolutionary Biology, Marine Sciences, Geoscience, Allied Health) and in some social science departments such as Economics and Agriculture and Resource Economics. Basic courses in biology, physics, chemistry, geoscience and economics are likely to be necessary before students can enroll in upper-level courses in those fields.

## RELEVANT COURSES

**PLEASE NOTE:** Only select courses in the sciences have been included; for other relevant science courses, please consult the Environmental Science website. The list below focuses more heavily on the social sciences & humanities. Check special topics and variable topics courses in the relevant departments for courses with an environment focus.

### ARE

3235 (239) Marine Resource & Environmental Economics  
3434 (234) Environmental and Resource Policy  
4438 (238) Valuing the Environment  
4444 Economics of Energy and the Environment  
4462 (235) Environmental and Resource Economics  
4464 (257) Benefit Cost Analysis & Resource Management  
See also other ARE courses focused on marine resources and coastal management.

### AH

3021 (221) Environment, Genetics and Cancer  
3174 Environmental Laws, Regulations and Issues  
3175 (226) Environmental Health

### ANTH

3200 (236) Human Behavioral Ecology  
3302 (261) Medical Ecology  
3522W (292W) Ecological Anthropology Seminar

### EEB

2208 (208) Introduction to Conservation Biology  
2244 (244) General Ecology  
3205 (205) Current Issues in Environmental Science  
4230WC (293WC) Methods of Ecology  
These courses can be regarded as basic; EEB offers many other relevant courses.

### ECON

2127 (207) Beyond Self-Interest  
2467 (233) Economics of the Oceans  
3439 (259) Urban and Regional Economics  
3468 (268) Economics of the Law

### ENGL

3240 (239) American Nature Writing

### GEOG

2300 (205) Introduction to Physical Geography  
3110 (231) Location Analysis  
3300 (232) Prin. and Appl. of Physical Geography  
3310 (230) Fluvial Geomorphology  
3320W (286W) Environmental Evaluation and Assessment  
3330W (287W) Environmental Restoration  
3340 (237) Environmental Planning and Management  
3400 (215) Climate and Weather  
3410 (236) Human Modifications of Natural Environments  
3500Q (242Q) Geographic Data Analysis  
3510C (240C) Cartographic Techniques  
3700 (252) The American Landscape  
4300 (285) Advanced Physical Geography  
4500C (246C) Intro to Geographic Information Systems  
4510C (248C) Appl. of Geographic Info Systems

Students interested in interactions between humans and the built environment will also find relevant courses on urban geography, population geography, and economic geography.

### GSCI

3020 (251) Earth Surface Processes  
And other relevant courses

### HIST

2206 (206) History of Science  
3204 (207) Science & Social Issues in the Modern World  
3540 (230) American Environmental History

### MARN

Many relevant courses for students interested in oceans and coastal regions.

### NRE

Courses in this department focus on the management and conservation of natural resource ecosystems. This includes courses on forestry, wildlife, fisheries, soil and water – including wetlands-- as well as the following courses:  
3115 (210) Air Pollution  
3145 (241) Meteorology  
3245 (240) Environmental Law  
4000W (239W) Natural Resources Planning & Management  
4175 (271) Environmental Meteorology

### PHIL

2212 (212) Philosophy of Science  
3216 (216) Environmental Ethics

### POLS

3847 (276) The Policy-making Process  
Students focusing on national and international environmental policy will find other relevant courses in Political Science.

### PP

Students focusing on environmental policy will find relevant courses in Public Policy.

### PSYC

3104 (248) Environmental Psychology

### SCI

2400 (240) The Nature of Scientific Thought

### SOCI

3407 (259) Energy, Environment, and Society  
Courses on urbanization, class, ethnicity, gender, and the developing world may also be relevant.