

# ENVIRONMENTAL STUDIES

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The Environmental Studies program is designed to provide an integrated and interdisciplinary focus. As such, it both complements and embodies the Liberal Arts aim of combining strengths of the natural sciences, social sciences, and humanities to prepare students to be well-equipped citizens in an increasingly globalized world. Core requirements for Environmental Studies majors are designed to fit requirements for graduate programs in Environmental Studies or related fields while the electives allow students to specialize in their particular interests.

## MAJOR

13 courses distributed as follows:

### Core Requirements

- EVST 275/ENGL 275 *American Literature and the Environment*
- BIOL 102 *Natural History*
- BIOL 104 *Environmental Biology*
- CHEM 110 *Concepts of Chemistry*
- POLI 235 *Public Policy Process*
- PSYC 290 or BUSI 250 *Statistics*
- ECON 340 *Environmental Economics*
- SOCI 375 *Environmental Sociology*

**or**

ANTH 320 *Gender and Environment*

- RELI 200 *State of the World*

**or**

PHIL 270 *Environmental Philosophy*

**or**

PHIL 315 *Ethics*

- EVST 498 *Internship*
- EVST 497 *Senior Seminar*

All students will choose from two possible emphases for their remaining courses. Students desiring a Natural Science emphasis

may take either a biology or chemistry sequence. Students with a Socio-cultural emphasis take three courses of their choice from the list below.

#### Natural Science Emphasis

##### Biology

- BIOL 150 *Cell Biology*
- BIOL 160 *Organismal Biology*
- BIOL 250 *Genetics*
- BIOL 260 *Ecology and Evolution*

Students who complete the biology sequence will have completed the Natural History requirement and will not have to take the core course BIOL 102.

**or**

##### Chemistry

- CHEM 110 *General Chemistry I: Chemical Structure and Properties*
- CHEM 120 *General Chemistry II: Chemical Analysis and Reactivity*
- CHEM 240 *Organic Chemistry I*
- CHEM 250 *Organic Chemistry II*

Students who complete the chemistry sequence will have completed the chemistry requirement and will not have to take the core course CHEM 100.

#### Socio-cultural Emphasis (three of the following courses from three different disciplines)

- ANTH 220 *Cultures of India*
- ANTH 360 *Global Studies*
- HIST 350 *Environmental History*
- PHIL 270 *Environmental Philosophy\**
- PHIL 330 *Ethical Theory*
- PHIL 490 *Topics in Philosophy\*\**
- POLI 250 *Global Politics I*
- POLI 251 *Global Politics II*
- POLI 260 *Political Economy*
- RELI 200 *State of the World\**
- SOCI 362 *Images of the City*

\* If not taken in core requirements

\*\* Must be approved by Environmental Studies faculty. Some topics may not cover environmental concepts.

## Senior Capstone Experience

The Senior Capstone Experience for the environmental studies major consists of participation in the Senior Seminar course. EVST 497 *Senior Seminar* is a one semester, non-credit course that involves common readings, research methods, and both written and oral presentation of independent research. The grade for the Senior Capstone Experience is based on the oral presentation and defense of research components of the senior seminar.

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## Courses

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*All other courses required for the Environmental Studies major are described under the respective academic departments.*

### **EVST 275 *American Literature and the Environment* (LS, W1)**

An examination of how American writers have depicted their culture's relationship to the environment, mostly through fictional representations (novels and short stories), but with some attention paid to nonfiction, poetry, and theoretical writing. The course will study how writers have imagined their environment and their place in it, though other aspects of the texts will also be studied (character, point of view, gender, race, or economics), and the term "environment" will not be used as a synonym for "nature." Cross-listed as ENGL 275.

### **EVST 497 *Senior Seminar***

A capstone experience involving common readings, research methods and both written and oral presentation of independent research. Oral presentation and defense of research functions as the senior comprehensive exam. No Credit. *Prerequisite: senior standing.*

### **EVST 498 *Environmental Internship***

Provides opportunity for students to engage in an applied field experience. Focus of internship to be determined by the student's Environmental Studies emphasis. Internship must be approved in advance by Environmental Studies faculty. *Prerequisite: junior or senior standing.*