

# Environmental Studies



Environmental Studies combines the strengths of the physical sciences, social sciences, humanities and technology to prepare students to meet the evolving demands of the field. We prepare you to work in a range of environmental areas for the government, nonprofit organizations and private companies, and we equip you for entry into graduate study. With some additional coursework and student teaching, you may also be licensed to teach environmental science at the middle and high school levels.

## Fields of Study

With more than 30 faculty associates teaching courses in seven emphases and mentoring students in and out of the classroom, our program provides you with a solid foundation for entering an environmental career or continuing to graduate school.

- Biodiversity and Environmental Restoration
- Energy Studies
- Nature in Society
- Environmental Policy
- Water Sciences
- Educator Licensure-Environmental Science
- Sustainable Food Systems

## Engaged Learning

Environmental Studies students get involved in many ways outside of the classroom.

### Internships

An internship experience gives you a competitive edge by providing real-world experiences that complement your in-class work.

### Research

Our faculty members serve as mentors for students interested in researching the wide variety of areas associated with Environmental Studies.

### Study Abroad

We work with students interested in going abroad to find programs that will coordinate with program curriculum requirements.

## Faculty

Our faculty are leaders who deliver uniquely integrated and interdisciplinary education, both in the classroom, as student research mentors and service learning facilitators. Our faculty teach Environmental Studies courses, as well as courses in disciplines such as Biological Sciences, Anthropology, Law and Engineering Technology.

Their research is global, conducted at sites in Antarctica, Indonesia, Israel, Kenya, Madagascar, Mexico, Myanmar, New Zealand, Russia and areas across the United States.

*“The ENVS program gave me the unique opportunity to explore my interests in creating a sustainable future through courses in a variety of departments. I took environmental-related classes in Biology, Geology, Geography, History and Women’s Studies that truly interested me and applied to my field of study.”*

*— Christina Rauh, graduate 2014*



NORTHERN ILLINOIS UNIVERSITY

**Institute for the Study of the Environment,  
Sustainability, and Energy**

*College of Liberal Arts and Sciences*

## B.S. OR B.A. IN ENVIRONMENTAL STUDIES

# Degree Requirements

We offer the B.S. degree option for each of the seven program emphases.

We also offer the B.A. degree option for the Environmental Policy and Nature in Society program emphases.

Our program offers an accelerated law degree program, a minor in Environmental Studies and a certificate in Sustainable Food Systems.

Environmental Studies Program  
Montgomery Hall, Suite 325  
Northern Illinois University  
DeKalb, IL 60115  
815-753-6563  
Email: [envs@niu.edu](mailto:envs@niu.edu)

[niu.edu/envs](http://niu.edu/envs)



### Requirements in Department

- ENVS 100 Exploring the Environmental Studies Major
- ENVS 301 Environmental Science I: Physical Systems
- ENVS 302 Environmental Science II: Biological Systems
- ENVS 303 Environment in the Social Sciences and Humanities
- ENVS 304 Environmental Law, Policy and Economics
- ENVS 305 Green Technologies
- ENVS 4XX Engaged Learning Course (select from Internship, Research, Independent Study, Study Abroad, Senior Thesis)

### B.S. Requirements

CHEM 210 General Chemistry I, CHEM 212 General Chemistry Laboratory I, CHEM 211 General Chemistry II, and CHEM 213 General Chemistry Laboratory II; MATH 211 Calculus for Business and Social Science OR MATH 229 - Calculus I and MATH 230 Calculus II; and STAT 200 Elementary Statistics

### B.A. Requirements

Fulfillment of foreign language requirement, involving four semesters of training in the same foreign language, or equivalent; CHEM 100 Chemistry in Everyday Life or CHEM 110 Chemistry or ISYE 100 Fundamentals of Manufacturing Systems; MATH 155 Trigonometry and Elementary Functions or MATH 211 Calculus for Business and Social Science; and STAT 100 Basic Statistics

### Requirements outside Environmental Studies

Each emphasis is designed to allow you the flexibility to choose which courses outside of the department will satisfy degree requirements. There are set courses that are required for each emphasis; the flexibility comes from the lists of elective courses you may take to meet degree requirements.

### Careers in Environmental Studies

- Agricultural Manager
- Conservation Scientist
- Environmental Consultant
- Environmental Ecologist
- Environmental Educator
- Environmental Lobbyist
- Environmental Policy Specialist
- Environmental Researcher
- Environmental Writer
- GIS Technician
- Industrial Hygienist
- Integrated Water Resource Manager
- Land Management Specialist
- Natural Resources Manager
- Open Space Planner
- Parks Ranger
- Recycling Manager
- Renewable Energy Consultant
- Restoration Technician
- Waste Management Technician
- Water Treatment Manager



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