

Welcome to Environmental Studies

Major Overview:

The Environmental Studies Program helps students find solutions to critical environmental problems our society faces - from climate change to species extinction, water contamination to soil erosion - through interdisciplinary study in the natural and social sciences.

Each environmental studies major selects a specialization in ecosystems, earth sciences, environmental chemistry, public policy and law, environmental planning, environment economics. The BS degree emphasizes tracks in the natural sciences while the BA degree focuses on topics in the social sciences. Students can also design their own specialization such as ecological agriculture or sustainable communities in consultation with a major advisor.

Courses:

A core of five courses are required for all environmental studies majors. Environmental studies courses suitable for freshmen include:

1) **ENVI 101**

2) **ENVI 201**

3) Choose one of the following:

• **ENVI/GEOG 239**

• **ENVI/PHIL 149**

• **ENVI 230**

4) **ECON 160**

5) Choose one of the following:

• **CHEM 101**

• **CHEM 107**

• **CHEM 111**

for BA

or

• **CHEM 107**

• **CHEM 111**

for BS

Students interested in particular specializations should also consider introductory classes in the specialization (e.g. **BIOL 117** for ecosystems, **GEOL 100-level** course for earth sciences, **ECON 162** for environmental economics).

Click [here](http://bulletin.binghamton.edu) to access the University Bulletin for an in- depth description of each course. [<http://bulletin.binghamton.edu>]

Research Areas:

Opportunities for student internships and/or research:

1) Internship opportunities are available at a variety of local agencies such as the Broome County Health Department and Binghamton University's Nature Preserve.

2) Some students take internships in their hometown or county for state and federal agencies such as the National Park Service, the EPA, or with non-profit groups.

3) Students also have numerous opportunities to work in the field. Students do fieldwork as part of labs, discussion section or research projects.

4) There are also fieldwork opportunities in other countries (e.g. study abroad in Costa Rica). For more information, visit:

Environmental Studies [Internships web](http://www.binghamton.edu/environmental-studies/internships.html) page

[<http://www.binghamton.edu/environmental-studies/internships.html>]

[Fleishman Center](http://www.binghamton.edu/ccpd/) for Career and Professional Development

[<http://www.binghamton.edu/ccpd/>]

Students may also be interested in participating in these campus organizations.

Friends of the [Nature Preserve](http://www.binghamton.edu/nature-preserve/friends.html)

[<http://www.binghamton.edu/nature-preserve/friends.html>]

Binghamton University [Acres](https://www.facebook.com/Binghamton-University-Acres-Farm-107382186122882/)

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Students Association Groups

[<http://binghamtonsa.org/executive-vp/current-student-groups/>]

Post-Graduation:

Graduates have pursued a wide range of careers, including research in environmental science, positions within advocacy groups, consulting firms, environmental law, and environmental education. Graduates of the program have gotten jobs in either the public or private sector, or have pursued graduate or professional studies.

Students acquire strong analytical skills; an ability to apply concepts, think creatively, and assess risks; logical thinking; an ability to gather, evaluate, report and organize data; etc. that are applicable to a wide variety of non-traditional career paths.

Additional Resources:

The listing below offers examples of potential career paths, some of which may require further study:

- Climate change analyst
- Environmental attorney
- Environmental restoration planner
- Environmental sciences teacher
- Environmental scientist
- Pollution control specialist
- Field technician
- Industrial ecologists
- Laboratory technician
- Mineral curator
- Museum researcher
- Organic farmer
- Park naturalist
- Policy specialist
- Range manager
- Foresters
- Researcher
- Regional planner
- Science writer
- Soil specialist
- Soil and water
- Conservationist
- Urban/regional planner

Thank you!

For more information contact the Environmental Studies Program:
(607) 777-4378