



**Newly improved options!**

# Declaring Your Option in Environmental Studies

If you have earned and/or transferred in 45 credits or more, it's time to declare your option. Please read about the options below, talk to the option coordinators and fellow students in the options, then use the form on the back to make your declaration.

## Environmental Policy, Planning, and Law

**Coordinator: Dr. Jack Manno**

**Advising Faculty:**

Manno, Moran, Nordenstam, Smardon, Sonnenfeld

**Requirements:**

- EST 550 Environmental Impact Analysis
- Law Course
- Planning Course
- Two Policy/Planning/Law Methods Courses
- Four Policy/Planning/Law Option Courses

This option is concerned with how environmental policies and plans are created, implemented and contested. It emphasizes legislative, regulatory, and collaborative approaches to solving or managing environmental problems. Policies are guidelines for action and plans are more specific guidance. They can be in the form of laws, regulations, treaties, agreements, prescribed practices, professional standards, corporate strategies, operating procedures and personal codes of conduct. The study of environmental policy includes how policies come to be, how they are implemented, enforced, evaluated, and affirmed, rejected or revised. Environmental planning includes plan formulation to implementation.

## Environmental Communication, Culture and Writing

**Coordinator: Dr. Mark Meisner**

**Advising Faculty:**

DeBaise, Jager, Lawler, Meisner, Senecah, Whitmore

**Requirements:**

- EST 393 Environmental Discourse and Comm.
- CLL 300 Survey of Environmental Writing
- CMN 420 Advanced Public Presentation Skills
- Two of the following four courses:
  - CLL 495 Environmental Journalism
  - CLL 490 Literature of Nature
  - CMN 493 Environmental Comm. Workshop
  - CRS 338 Communication in Organizations
- Four Comm./Culture/Writing Option Courses

This option focuses on the ways that communication influences environmental affairs, including rhetoric and discourse; news media; public participation; advocacy campaigns; collaboration; conflict resolution; risk communication; and representations of Nature in literature and popular culture. It is through written, oral, and visual communication that humans determine their relationship with the rest of the planet and with each other concerning it, and this option provides a broad-based foundation in environmental communication theory and application. In addition to gaining a critical perspective, students obtain a range of skills within the option, including oral presentation, nature and science writing, environmental journalism, multimedia, and collaboration. Students may also choose to emphasize environmental education, environmental ethics and values, or other cultural perspectives.

## Biological Science Applications

**Coordinator: Dr. Charles Hall**

**Advising Faculty:**

C. Hall, Limburg, Nakatsugawa, Shields

**Requirements:**

- Microbes Course
- Plants Course
- Animals Course
- GIS Course
- Policy or Law Course
- Four Biology Focus Area Courses

This option provides solid background in the biological sciences pertinent to natural resources and ecosystems on the one hand and a grounding in the social sciences on the other. In contrast to the traditional biology program, this option emphasizes the interaction of both biological and societal issues. Specific goals of the option are to provide a sound background in biological sciences; to foster a broad systems view of our society, biological resources and ecosystems affected by human activity; to develop a capacity to make independent judgments of environmental issues based on scientific principles and socio-political understanding; and to enhance effective skills in communicating scientific/technical issues of a biological nature in socio-political settings.

Be sure to read the Environmental Studies Program Handbook, available online at:

<http://www.esf.edu/es/handbook/>