



## University of Illinois Springfield Environmental Planning and Management - MS

### Program Description



The curriculum for the Master of Science in Environmental Studies is designed to allow students to gain an understanding of ways to balance social and economic needs with environmental realities, to learn how to use resources imaginatively for sustainable development, and to become aware of the role of values in issue formulation and policy making. Objectives are to enable students to:

- develop basic literacy in the natural and social sciences and the humanities as they contribute to an understanding of environmental affairs
- critically analyze environmental problems
- identify, research, and evaluate environmental problems

This concentration in Environmental Planning and Management prepares students for professional positions in the environmental planning and management field. Objectives are to enable students to:

- understand principles and practices of environmental planning and management
- analyze United States environmental policies as they relate to environmental planning
- apply tools and techniques for preparing and implementing effective environmental plans
- evaluate effectiveness of environmental management plans

### Admission Requirements

- A bachelor's degree from an accredited university or college
- A GPA of 3.0 or better (on a 4.0 scale), though students with a GPA between 2.5 and 3.0 will be considered for conditional admission. If a student is conditionally admitted with a GPA between 2.5 and 3.0, the student will be expected to complete ENS 551 and ENS 552, earning a B or better, during the first year of enrollment.
- An upper division, undergraduate course in ecology with a grade of B or better
- Two letters of recommendation
- Goals essay

In addition to departmental application requirements, students must submit a formal application along with a non-refundable fee to the University of Illinois Springfield. Application information can be found at: <http://www.uis.edu/admissions/applyToday/>

Prerequisite(s): Full admission requires satisfactory completion (B or better) of a 300 level ecology course with lab and general undergraduate preparation in both natural and social sciences. Students deficient in the ecology with lab prerequisite will be considered for conditional admission. If conditional admission is recommended, the student is expected to satisfactorily complete a 300 level or higher ecology with lab (ENS 544/546 on-campus or ENS 425 online will meet this requirement) during the first year enrolled in the program.

# Degree Requirements

Required COMMON CORE Courses - 12 credit hours:

- ENS 551 Environmental Natural Sciences (4 hrs)
- ENS 552 Environmental Social Sciences and the Humanities (4 hrs)
- ENS 553 Research Methods in Environmental Studies (4 hrs)

Required CONCENTRATION CORE - 12 credit hours

- ENS 404 Fundamentals of Geographic Information Systems (4 hrs)
- ENS 501 Land Use and Environmental Planning (4 hrs)
- ENS 581 Environmental Policy and Analysis (4 hrs)

Required Closure Hours (4 credit hours)

- ENS 510 Thesis OR
- ENS 520 Graduate Project AND
- END 550 Capstone Closure

Concentration Electives - 12 Credit hours

- ENS 403 Transportation Problems and Planning Procedures (4 Hrs)
- ENS 405 Remote Sensing (4 Hrs)
- ENS 419 Environmental Law (4 Hrs)
- ENS 421 Environmental Economics (4 Hrs)
- ENS 433 Environmental Sociology (4 Hrs)
- ENS 446 Population and Public Policy (4 Hrs)
- ENS 503 Advanced GIS Applications (4 Hrs)
- ENS 530 Internship (1-4 Hrs)
- ENS 542 Ecosystems Management (4 Hrs)
- ENS 544 Concepts of Ecology Laboratory (1 Hr)
- ENS 546 Concepts of Ecology (3 Hrs)
- ENS 571 Sustainable Development (4 Hrs)
- ENS 583 Environmental Policies: NEPA (4 Hrs)
- ENS 587 Natural Resources Policy and Administration (4 Hrs)
- PAD 561 GPSI Seminar in Organization Env. in the Pubic Service (1 Hr)

Other courses may be selected if approved by the student's advisor and the program faculty.

Official degree requirements are available in the UIS catalog at [www.uis.edu/uiscatalog](http://www.uis.edu/uiscatalog)

## Program Contacts

Program Coordinator:

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Program URL: <http://www.uis.edu/environmentalstudies/>