

Environmental Planning and Management Concentration

The curriculum for the M.S. in Environmental Sciences with a concentration in Environmental Planning and Management prepares students for professional positions in environmental planning and management.

Objectives are to enable students to:

1. Understand principles and practices of environmental planning and management
2. Analyze environmental policies in the United States as they relate to environmental planning
3. Apply tools and techniques (including geographic information systems or GIS) for preparing and implementing effective environmental management plans
4. Evaluate effectiveness of environmental management plans

Students take two core courses, three concentration courses, and 16 credits of electives chosen in consultation with their adviser. Students can complete a thesis, graduate project, or 240-hour capstone internship as the closure option.

This degree concentration is interdisciplinary and is open to students from all academic backgrounds. Students do not need to identify a research supervisor in advance to apply for this concentration.

Requirements

Core Requirements

ENS 551	Environmental Natural Sciences	4
ENS 552	Environmental Social Sciences and Humanities	4

Concentration Courses

ENS 501	Land Use and Environmental Planning	4
or ENS 403	Transportation: Problems and Planning Procedures	
ENS 503	Advanced GIS Applications	4
or ENS 404	Fundamentals of Geographic Information Systems	
ENS 587	Natural Resources: Policy and Administration	4
or ENS 483	Environmental Policies: National Environmental Policy Act	

Elective Courses

Select electives in consultation with academic advisor before enrollment. 16

Required Closure Course 4

ENS 510	Thesis
or ENS 520	Graduate Project
or ENS 550	Capstone Closure

Total Hours 40