

**MASTER OF SCIENCE IN****Ecological Economics, Values, and Policy**

The Ecological Economics, Values and Policy Professional Master's Program builds on our nationally recognized expertise and course offerings in the economic, political, social, cultural and ethical implications and interactions of science, technology, environment, and society. It is aimed at professionals in state and local government, secondary education, business, and the nonprofit sector (for example, professionals in environmental NGOs who are looking to upgrade their skills and advance their careers). Because the program integrates existing curricula into a new, cohesive, multidisciplinary curriculum with a new team-taught seminar, it fills a gaping hole in regional environmental studies programs. Building on required courses in environmental, ecological, and natural resource economics and in environmental philosophy and policy, the program helps students to acquire the skills they will need (for example, policy analysis and ecological valuation) to address the complex multidisciplinary local and global conflicts in environment and development.

The conflicts include tensions between environment and health, cost-effective and appropriate technology, strategies for sustainable development, and reassessment of the impacts of modern information and design-based economies. The program is designed to aid teachers in developing new courses and new strategies for mentoring extracurricular activities. Government employees will be able to update their methodologies to assess economic impacts of environmental problems. Business executives will be able to prevent pollution rather than worrying about controlling it after the fact. Environmental professionals will be more effective advocates for their causes.

**ADMISSION REQUIREMENTS**

- Bachelor of Science degree in an applicable area from an accredited undergraduate institution
- Undergraduate GPA of 3.0 or higher
- Grades of "B" or better in courses completed since bachelor's degree
- GRE General Test is required
- Completed application form
- Official transcripts for all undergraduate and graduate work
- Statement of background and goals as it applies to the program
- TOEFL required for international students
- Two letters of recommendation
- Resume

**GRADUATION REQUIREMENTS**

- Matriculated status
- Approved Plan of Study
- At least 15 credits must be at the 6000 level
- Minimum 3.0 GPA; minimum 30 credits

**PLAN OF STUDY (minimum of 30 credit hours)****I. Core Course Requirements (6 credits)**

ECON/Seminar In Ecological Economics, Values, and Policy  
STSS-6600  
ECON/EEVP Professional Project  
STSS-6650

**II. Economics Courses (12 credits)**

ECON-6490 Introduction to Economic Theory

Select any two of the following three courses:

ECON-4230 Environmental Economics  
ECON-6230 Advanced Environmental Economics  
ECON-6250 Advanced Ecological Economics

A fourth economic course from one of the following:\*

ECON-4150 Economics of Government Regulation  
ECON-4160 Public Finance  
ECON-4190 International Economics  
ECON-6210 Advanced Cost Benefit Analysis  
ECON-6550 Advanced Microeconomics  
ECON-6590 Advanced Macroeconomics

**III. Science and Technology Studies (12 credits)**

STSH-4300 Environmental Philosophy  
STSS-6200 Environment & Social Theory

Select any one of the following courses:

STSS-4320 Environmental Politics & Policy  
STSS-4540 Environment, Law, & Culture

A fourth science and technology studies course from one of the following:\*

STSH-6020 Values & Policy  
STSS-4390 Environment & International Policy  
STSS-4400 Risky Technologies  
STSS-4500 Environment & Development  
STSS-6010 Concepts in STS  
STSS-6100 Seminar in Science & Technology Policy  
STSS-6400 Environment & Health

\*Other courses may be substituted with adviser approval.