Career Opportunities
The broad array of skills required for professional environmental assessment and management affords a variety of career opportunities. These include basic environmental research and education, environmental economic policy development for business and government and technical positions in environmental monitoring, soil and water quality, waste management and landscape planning and conservation. Graduates pursue careers as: Applied Ecologists; Environmental Economic Consultants; Environmental Educators; Environmental Policy Evaluators; Soil Conservationists; Soil and Land Use Consultants; and Soil Scientists.

Research
The Department has strong research programs in a number of areas. These include environmental engineering, bioprocessing, machine systems, and controlled environment agriculture.

Course Work/Curriculum
The environmental sciences degree is jointly administered by the College of Agriculture and Life Sciences and the College of Physical and Mathematical Sciences. The core curriculum comprises instruction in computer use and communications skills and a balanced foundation of humanities, social sciences, mathematics and natural sciences courses. In a capstone course, students work together on environmental problems from ecological, physical and economic perspectives. Students choose one concentration:

The ecology concentration prepares students for graduate study leading to advanced degrees in areas such as ecological impact assessment, conservation biology, and college teaching. Emphasis is on a strong foundation in the life sciences.

The economic policy concentration teaches students to apply principles of economics, statistics, and supporting disciplines to societal and business aspects of environmental problems.

The environmental soil science concentration prepares students for careers in land management with special reference to soils and water. The soil environment plays a central role in all land uses and in environmental protection.

Graduate Study
Students who excel in the environmental sciences program may pursue graduate studies in many fields. Master of science and doctor of philosophy programs are advised for students who seek careers in research or teaching.

Co-Curricular Activities
Interactions with advocacy groups are an important aspect of environmental science training. A variety of campus clubs and organizations provide opportunities for students to obtain valuable experiences. Students may wish to participate in groups such as the NAMA/Agribusiness Club, Agronomy Club, Leopold Club, Forestry Club, the Lorax Club and the Association of Environmental Professionals.

Career Services
In addition to faculty advisers, CALS Career Services is available to provide information about career and employment opportunities. The office assists students and alumni with a variety of career needs such as choosing a major, resume tips, and job search strategies.

For more information:

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<tr>
<th>Ecology</th>
<th>Economic Policy</th>
<th>Soil Science</th>
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<tbody>
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Students in this major concentrate on general scientific principles and analysis as related to the environment. Social sciences, humanities, and economics are vital components of effective environmental science.