

We are all concerned about the quality of the environment that surrounds us. The field of Environmental Science recognizes that finding solutions to the environmental challenges facing our society requires individuals with experience and training in a broad array of disciplines. Success in the field requires not only a scientific background to develop technical solutions but also an understanding of the social and economic implications of solutions and decisions.

The Environmental Studies Program at UNO offers interdisciplinary undergraduate degrees that provide students with training in the breadth of disciplines required to understand the complex nature of solving environmental challenges. Students acquire the scientific expertise they need to work as part of multidisciplinary teams dedicated to improving our environment. The Environmental Studies Program is committed to preparing students for careers helping to meet the environmental challenges facing us locally, nationally, and globally. Many of our graduates continue their education by pursuing graduate degrees in science, public administration, and law. Our graduates have successful careers with private environmental consulting firms, in environmental education, and with local, state, and federal environment and resource agencies.

Concentrations Available:

- **Analytic Option** - Designed to produce chemists interested in the chemical pollutants that are being released into the air, earth and water environments of our planet.
- **Earth Science Option** - Designed to prepare students for a career in environmental geology, working on land and water resources
- **Geography & Planning Option** - Designed to produce local and regional planning specialists who understand the best approaches for preventing environmental problems
- **Life Sciences Option** - Designed to prepare students for jobs as environmental biologists protecting natural ecosystems and promoting a healthy environment

Knowledge & Skills gained as a Environmental Studies major:

Knowledge

- Students are expected to develop a broad, interdisciplinary framework for approaching complex, interconnected environmental problems facing our world at multiple scales
- Develop strong analytic and quantitative skills needed to identify problems, develop a program to address the problem, execute a rigorous analysis the issue, and reach independent conclusions

Skills

- Research and problem-solving skills
- Competence in developing arguments from scientific, ethical and philosophical perspectives;
- Ability to plan and manage projects;
- Ability to gather, analyze and communicate complex technical data to others
- Flexibility to work in all kinds of environments, developed through field-work experience

Environmental Science Major at a glance:

Number of majors: 130

Degrees offered: B.S.

Credit hours needed: 76

Minors offered: Environmental Studies (16-18 credits), Sustainability (16-18 credits)

Career Opportunities

By nature, Liberal Arts majors make great employees in any field because of their ability to communicate effectively, think critically and solve complex problems. These timeless skills make them attractive to employers in all walks of society. Specifically though, Environmental Science majors often pursue careers as:

- Environmental consultant
- Environmental education
- Environmental manager
- Nature conservationist
- Recycling industry
- Waste management
- Water quality scientist
- Environmental health practitioner
- Renewable Energy Development
- Town planner
- Wildlife & Fisheries Biologist

Student Opportunities:

- Internships with non-profits, businesses or government agencies
- Study and research at Glacier Creek Preserve
- Student organizations including the UNO Audubon Student Conservation Chapter, SustainUNO, and Women in Science Technology Engineering & Mathematics
- Several student scholarships available

Did you know?

UNO manages and protects some of the last examples of tallgrass prairie in Eastern Nebraska.

When the Environmental Science major is matched with complementary minors and thoughtful internships, new possibilities arise. A few examples are:

- **ENVN** + Computer Science = Environmental monitoring technology and data management
- **ENVN** + Business = Sustainability Coordinator
- **ENVN** + English = Environmental Journalist

For more information:

For program information, contacts and course requirements: visit:

www.unomaha.edu//environmental_studies/

Dr. John McCarty, Director
jmccarty@unomaha.edu
402.554.2849