



UNIVERSITY OF MINNESOTA

Be part of something great—the University of Minnesota

ENVIRONMENT AND NATURAL RESOURCES

From our lakes and streams to our prairies and rainforests, the natural environment is a constant source of recreation, production, and discovery. Majors such as fisheries and wildlife or environmental horticulture will prepare you for a career protecting the Earth.

The University of Minnesota's outstanding environmental programs offer great academics, great opportunities, and a great location to bright and talented students from around the world. These programs give students the unique experience of attending a small, friendly college in the midst of an exciting, Big Ten atmosphere.

Great Academics

You will join our academic community in one of seven freshman-admitting colleges. Academic programs in environment and natural resources are based in the College of Food, Agricultural and Natural Resource Sciences (CFANS), the College of Biological Sciences, and the College of Liberal Arts.

- The College of Food, Agricultural and Natural Resource Sciences (CFANS) offers strong academic support, top-notch career services, and scholarships.
- The College of Biological Sciences (CBS) is one of the country's few freshman-admitting biology colleges.
- The College of Liberal Arts (CLA) offers nationally recognized faculty with a commitment to teaching.

If you're intrigued and motivated by the natural world, check out these top-quality programs:

- Bio-Based Products Engineering (CFANS, IT)
- Biology, Society, & the Environment (CLA)
- Biosystems and Agricultural Engineering (CFANS, IT)
- Chemical Engineering (IT)
- Chemistry (CLA, IT)
- Civil Engineering (IT)
- Ecology, Evolution, & Behavior (CBS)
- Environment and Natural Resources (CFANS)
- Environmental Horticulture (CFANS)
- Environmental Science (CFANS)
- Fisheries and Wildlife (CFANS)
- Forest Resources (CFANS)
- Geological Engineering (IT)
- Geology (IT)
- Mechanical Engineering (IT)
- Recreation Resource Management (CFANS)
- Urban and Community Forestry (CFANS)

HOT JOB MARKET

By 2007, 42 percent of professionals in the USDA Forest Service and 47 percent of staff in the Environmental Protection Agency and U.S. Geological Survey will be eligible to retire.



CAREERS AND INTERNSHIPS

- Agricultural Engineer
- Climatologist
- Conservation Engineer
- Design Engineer
- Environmental careers include:
- Environmental Compliance Specialist
- Environmental Engineer
- Forester
- Marine Biologist
- Mineralogist
- Hydrologist
- Natural Resources Engineer
- Oceanographer
- Park Naturalist
- Forest and Conservation Worker
- Soil Scientist
- Waste Management Engineer
- Watershed Management Planner

Great Opportunities

Study Abroad

To prepare you for life in a global society, the U of M actively encourages studying abroad. Working or learning in a foreign country will build your skills, confidence, and cultural awareness as you enter a diverse world. Imagine studying wildlife and conservation in Australia or the ecology of a rain forest in Costa Rica. The Learning Abroad Center offers more than 300 programs in 67 countries, from Nepal or Tanzania to Australia or Mexico.



Research Opportunities

Imagine participating in a research program with world-class experts, and getting paid to do it! As a student in the Undergraduate Research Opportunities Program (UROP), you'll conduct paid research or pursue special projects beyond your regular courses.

Campus Involvement

Even in the midst of an electric Big Ten atmosphere, the University of Minnesota has an intimate student community. It's easy to get involved here; we have more than 600 student organizations where you can connect with others who share your interests.

- Are you dedicated to exploring, preserving, and protecting the environment? Meet students who share your interests through the Environmental Studies Club. Go on camping trips, participate in discussions, and engage in a variety of outdoor activities.

PASSION IN POLICY

Leah Dornfeld admits to being somewhat of an environmental fanatic, especially during sessions of the Minnesota Legislature. "You get so wrapped up in the issues, it's hard not to talk about them all the time," says Dornfeld, the legislative assistant to Sen. Ellen Anderson. Dornfeld began working with Anderson shortly after graduating from the College of Natural Resources with a degree in natural resources and environmental studies and a minor in political science. It's been an exciting, if exhausting year. "There is a constant information uptake on this job," she says. "At first, it was overwhelming."



It has also been rewarding. The job has thrown her into issues she cares about: wind power, energy regulation, climate change, water pollution prevention, and the like. "The more you understand the government, the more you understand its direct influence on the environment," says the Lakeville, Minn., native. "Government makes decisions about industry, land use, and development, and those have a huge, direct effect on air, water, everything."

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Freshman Seminars

Designed to enhance your first-year experience, Freshman Seminars are an incredible way to begin your academic career. You'll learn about the environment from some of the most distinguished faculty at the University of Minnesota, while getting to know other first-year students who share your interests. Recent topics offered include *The Biopolitical City*; and *Animal models of human dysfunction: The good, the bad, and the ugly*.

Mentor Program

The mentor-student partnership brings a "real-world" perspective to your academic program. You'll learn from seasoned professionals and experience behind-the-scenes realities of the field. Participants get an inside view of companies or organizations in the Twin Cities area to prepare for careers in the environmental sciences.

- Make connections with students, faculty, and professionals in environmental sciences through the Leaders of Environmental Science Students (LOESS). Participate in environmental social events throughout the year.

Other groups related to environment and natural resources include:

- Climbing Club
- Environmental Law Society
- Horticulture Club
- Hunting and Fishing
- Urban Forestry Club
- Water Resource Students in Action
- Women in Natural Resources

Great Location

The Twin Cities campus is located just minutes from Minneapolis and St. Paul city centers. Consistently ranked among America's most livable communities, the Twin Cities provide an exciting and comfortable home to U of M students. St. Paul has a

historic, stately atmosphere, with turn-of-the-century architecture and rolling greenspace. Minneapolis has a unique union of the urban and the natural, featuring skyscrapers alongside 22 lakes, 170 parks and 55 miles of biking and walking trails. Minnesota is also home to:

- 12,000 lakes
- 124 state parks and forests
- 2 national forests
- 1 national park
- The Mississippi River
- Explore Minnesota's natural resources at U of M field stations, the Itasca Biological Station and the Cloquet Forestry Center in northern Minnesota, to get hands-on environmental experience through research and on-location education.
- The University's Bell Museum of Natural History is home to nearly 4 million specimens of mammals, birds, fishes, plants, mollusks, and insects. These collections serve as an international resource for the scientific community.



Nearly 42 percent of Minnesota's area is forested or covered by lakes and protected wetlands. These resources contribute approximately \$9 billion to Minnesota's economy each year.



MEET US IN PERSON!

Like what you see so far? Come meet us in person! There's no better way to learn about the University of Minnesota. As you tour our breathtaking Twin Cities campus and meet our friendly staff and students, you'll see for yourself why the U of M is the perfect place to launch your career in environmental science or natural resources. We'd be happy to customize your visit to your interests. Schedule your visit today!

Online: <http://admissions.tc.umn.edu/visit>

By phone: 800-752-1000 or 612-625-0000

Curious about student life? Check out Gopher Blog at <http://admissions.tc.umn.edu/blog>

CONTACT US TO LEARN MORE!

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<http://admissions.tc.umn.edu>

Freshman Admission Welcome Center

200 Jones Hall
27 Pleasant Street S.E.

Transfer and International Admissions Welcome Center

240 Williamson Hall
231 Pillsbury Drive S.E.