Help wanted: Save the planet. Start in this one-of-a-kind program combining chemical, civil and geological engineering.

The planet's population is growing. So are our demands for food, energy and other resources vital to life. Environmental engineers play a critical role in ensuring we can satisfy those demands sustainably. Environmental engineering students at UND learn how to protect and clean our air, water and soil, focusing on energy- and industrial-generated sources.

Program Snapshot

Program type: Master's Degree
Format: On-campus or online
Est. time to complete: 18 months
Credit hours: 30

Why Study Environmental Engineering at UND?

The program emphasizes a multidisciplinary approach to Environmental Engineering and includes the mitigation of environmental impacts from gaseous, liquid, and solid-phase emission sources. You'll work closely with industry, businesses and communities to develop new technologies and solve infrastructure-related problems.

Working alongside faculty from the Chemical, Civil and Geological Engineering departments as well as UND's Institute for Energy Studies, you'll complete an environmental engineering design project that positions you for real-world success. UND's interdisciplinary approach prepares you for professional success, life-long learning and to be a contributor to a multicultural, global society, while advanced-level engineering coursework will prepare you for careers in industry or government.

M.S. vs. M.Eng.

UND offers both Environmental Engineering Master of Science (M.S.) and Master of Engineering (M.Eng.) degrees. It is recommended you connect with the your advisor before making a final decision. However, in general, a M.Eng. program is more course-based, while the more popular M.S. program includes a thesis or research project/independant study. See M.S. requirements or M.Eng. requirements for more information.

Application Deadlines

FALL: Feb 28* | Aug 1
SPRING: Sept 15* | Dec 1
*DESIGNATES PRIORITY DEADLINE

Program Highlights

- The M.S. and M.Eng. programs are offered through UND's Institute for Energy Studies (IES). This multidisciplinary institute is focused on training a generation of energy experts who will develop energy technologies that are economically competitive, reliable, sustainable and politically and environmentally acceptable.
- Faculty relationships with a wide variety of industries, municipalities, consulting firms, government agencies and research-funding organizations provide opportunities for your own research and collaboration.
- Work in EPA-certified laboratories and participate in ongoing research opportunities at the UND Energy & Environmental Research Center (EEERC), which works with state, federal and industry clients to solve energy and environmental needs.
- Gain access to on-campus laboratory facilities including the multi-disciplinary Environmental Analytical Research Laboratory (Leonard Hall), Civil Engineering Environmental and Hydraulics Laboratories, and Chemical Engineering Laboratories.

Outcomes

85K
2016 median salary for an environmental engineer*
1st
Rank of "environmental engineer" on list of best engineering jobs in 2017, based on factors including salary, employment demand, work-life balance and more**

*U.S. Bureau of Labor Statistics

**U.S. News & World Report

Environmental engineers play a key role in protecting air, water and soil quality and providing solutions to remediate impacts from emissions sources. Graduates can expect to find jobs in several fields, including:

- Recycling
- Waste disposal
- Water and air pollution control
- Pipeline operations
- Data science
- Consulting