Stature

*U.S. News and World Report* ranks Michigan Tech’s environmental engineering program as one of the best in the nation.

The Civil and Environmental Engineering Department includes more than 50 faculty and professional staff, close to 500 undergraduate students, and more than 80 graduate students (40 percent of whom are in doctoral programs).

The program is housed in the new $44-million Dow Environmental Sciences and Engineering Building and the newly renovated Dillman Hall.

Students have more than 25 state-of-the-art laboratories for their academic pursuits.

The department is part of an interdisciplinary campus group that in 2002 bought a 36-foot boat to support education and research on Lake Superior. The boat is designed, constructed, inspected, and outfitted for use on the open waters day and night and during all seasons of the year.

About Michigan Tech and Houghton

Michigan Tech, founded in 1885, has gained world-wide recognition for innovative education and scholarship.

Our graduate students receive intensive, advanced instruction and the opportunity to pursue wide-ranging research.

Houghton lies in the heart of Upper Michigan’s scenic Keweenaw Peninsula. The campus overlooks Portage Lake and is just a few miles from Lake Superior. The area’s expansive waters and forests, including the University’s 600-acre recreational forest adjoining campus, offer students unparalleled opportunity for outdoor recreation.

Houghton has a population of 7,400 residents. The University’s more than 6,600 students from many states and foreign countries make the area a vibrant multicultural community.

Houghton is rated the safest college town in Michigan and the eighth-safest in the nation. It also has been called one of the nation’s top-ten summer sports areas, and one of the top-ten best places in the country to live.

For More Information, Contact

Michigan Technological University
Department of Civil and Environmental Engineering
870 Dow Environmental Sciences and Engineering Building
Houghton, Michigan 49931-1295 USA
Phone 906-487-2520
Fax 906-487-2943
www.cee.mtu.edu

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Environmental and Water Resources Engineering

The Program

Environmental engineering and water resources engineering apply science and engineering principles to the management of the environment—for the protection of both human health and nature’s ecosystems.

Graduate students work with faculty to make significant contributions to society and the engineering profession through research and practice.

Degrees

MS in Environmental Engineering
MS in Civil Engineering
MS in Environmental Engineering Science
Master of Engineering

The Master’s International Program combining graduate studies with service in the U.S. Peace Corps
PhD in Environmental Engineering
PhD in Civil Engineering

Research

Research funding exceeds $4.5 million per year. Current research includes:

- Atmospheric chemistry and air quality engineering
- Drinking water and wastewater treatment
- Environmental microbiology and chemistry
- Environmental modeling
- Groundwater and subsurface remediation
- Hydrology, hydraulics, and sediment transport
- Water resources systems analysis
- International development
- Surface water quality and lake management
- Sustainability, industrial ecology, and pollution prevention

Students regularly work on interdisciplinary research projects involving other departments, including biological sciences, chemistry, physics, forestry, geological engineering and sciences, and chemical and mechanical engineering.

Additional Opportunity

Students also can work with other University research and outreach centers.

- The Remote Sensing Institute includes researchers from seven academic departments.
- The National Center for Clean Industrial and Treatment Technologies supports work in pollution prevention and industrial ecology.
- The GEM Center for Science and Environmental Outreach allows students to interact with local school children.

Financial Assistance

Research assistantships, teaching assistantships, and fellowships are available to qualified applicants.