EARN YOUR GRADUATE DEGREE IN CIVIL ENGINEERING

CIVIL ENGINEERING (MS, PHD)

OUR INFRASTRUCTURE NEEDS YOU

Address critical societal needs with a graduate degree in civil engineering. Michigan Tech’s Department of Civil and Environmental Engineering offers programs leading to the MS, MEng, and PhD in Civil Engineering. In addition to traditional MS and PhD programs, a Peace Corps Master’s International program is offered for students seeking to combine graduate studies with service in the US Peace Corps. For students interested in a nonresearch, professional, fifth year of coursework, we offer a Master of Engineering (MEng) degree.

Michigan Tech has a proud history of excellence in civil engineering education, emphasizing a blend of theory, practice, creativity, and hard work. The civil engineering program is committed to providing an intellectual environment and educational experience through which students and faculty members make significant contributions to society and the civil engineering profession through teaching, research, and practice.

Michigan Tech’s civil engineering graduate program is ranked in the top fifty nationwide by U.S. News & World Report. With a four-to-one graduate student-to-faculty ratio, students may explore their own areas of interest in one of six current areas of research and education: construction engineering and management, geotechnical engineering, structural engineering, transportation engineering, civil engineering materials, and water resource engineering. Students may also participate in multidisciplinary research and sustainability initiatives led by the Michigan Tech Transportation Institute, the Sustainable Futures Institute, the Center for Water and Society, and the D80 Center for Prosperity by Design.

For more information, visit www.cee.mtu.edu/grad.

OPPORTUNITIES AWAIT

With more than $3 million in annual research expenditures, the Department of Civil and Environmental Engineering maintains eight state-of-the-art facilities for conducting research, including world-class petrography laboratories for characterizing materials. Other laboratories support structural testing, concrete mixing and testing, asphalt testing, binder characterization, hydrodynamic and scour studies, complex data visualization, and rail transportation planning. Through Benedict Laboratory, the largest lab on campus, Michigan Tech is one of a select few institutions that can test and evaluate ultrahigh-performance concrete. Graduate students have access to more than 43,000 square feet of research and teaching laboratories.

CIVIL ENGINEERING SPOTLIGHT

“Through my experience in the civil engineering graduate program, I greatly expanded my engineering knowledge and enhanced my skills as a writer and researcher. I learned the importance of self-motivation, planning, and goals. Having my master's degree helped secure a job over competing undergraduates, and I was given more responsibility upon entering the workforce.”

Kristen Roth ’09
ADMISSION REQUIREMENTS
Application deadline: Apply at least one semester in advance of projected admission. Applications are reviewed on an individual basis using a holistic approach.

All Students
- Graduate School application
- Statement of purpose
- Official transcripts
- GRE required (Tech students exempt)*
- Two letters of recommendation
- Recommended GPA of 3.0/4.0

International Students
- TOEFL: Recommended score of 100 iBT

FINANCE YOUR FUTURE
Earning your graduate degree is an investment in your career and your future. Here are a few financial aid opportunities you can explore as you look for ways to pay for your degree.

- Graduate research assistantships (GRAs), graduate teaching assistantships (GTAs), and fellowships are awarded competitively.
- Michigan Tech’s S-STEM Program, funded by a grant from the National Science Foundation, provides need-based scholarships to qualified US graduate students enrolled in the civil engineering program.
- Many graduate students are eligible for a new set of federal loans, up to $20,500 per academic year, as an independent student.
- Contact Michigan Tech’s Financial Aid Office at 906-487-2622 or finaid@mtu.edu for more information on financial aid opportunities.

ABOUT MICHIGAN TECH
Michigan Technological University, founded in 1885, has gained worldwide recognition for innovative education and scholarship. Michigan Tech is a leading public research university, exploring the boundaries of knowledge, developing new technologies, and preparing students to create the future for a prosperous and sustainable world. Michigan Tech offers more than fifty graduate degree programs in engineering, forestry and environmental sciences, computing, business and economics, natural and physical sciences, technology, humanities, and social sciences.

ABOUT HOUGHTON
Houghton lies in the heart of Upper Michigan’s scenic Keweenaw Peninsula. The campus overlooks the Keweenaw Waterway and is just a few miles from Lake Superior. The area’s waters and forests, including our 600-acre recreational forest adjoining campus, offer students unparalleled opportunity for outdoor recreation and relaxation. The University’s 7,000 students come from all fifty states and more than sixty nations, making the area a vibrant, multicultural community.

APPLYING IS EASY—AND FREE!
www.mtu.edu/gradschool/admissions/apply

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