GRADUATE SCHOOL
SCHOOL OF FOREST RESOURCES AND ENVIRONMENTAL SCIENCE

EARN A GRADUATE DEGREE IN FORESTRY

FORESTRY (MF, MS), FOREST ECOLOGY AND MANAGEMENT (MS), APPLIED ECOLOGY (MS), FOREST SCIENCE (PHD)

PREMIER EDUCATION
In the School of Forest Resources and Environmental Science, we are a premier community of scholars who investigate ecological processes from molecular to global scales and their relationship to society. We educate students in the maintenance of healthy ecosystems through intensive field-based training and cutting-edge interdisciplinary research programs. Research areas range from climate change and invasive species to forest productivity and the dynamics of wildlife and insect populations. Areas of study include forest ecology, forest soils, forest biometrics, silviculture, wildlife ecology and management, geographic information systems, remote sensing, wetlands, hydrology, and conservation biology. We offer the Master of Forestry, Master of Science in Forestry, Master of Science in Forest Ecology and Management, Master of Science in Applied Ecology, and PhD in Forest Science.

To learn more, visit www.mtu.edu/forest.

GLOBAL RECOGNITION
Our programs are recognized locally, nationally, and internationally. Our PhD in Forest Science has been ranked fourth in the nation by Academic Analytics. Michigan Tech leads the Aspen FACE (Free-Air Carbon Dioxide Enrichment) experiment, a long-term study of the effects of ozone and carbon dioxide on northern forests. The School has been designated a Regional Center for Global Climate Change by the Department of Energy. The School is ranked in the top 10 percent in conservation biology research productivity among academic institutions in the US and Canada. Michigan Tech leads the world’s longest study on predator-prey relationships, the fifty-year investigation of wolves and moose on Isle Royale.

FACILITIES AND FUNDING
The School of Forest Resources and Environmental Science manages over 4,500 acres of land at the Ford Center and Research Forest and has advanced instrumentation that includes state-of-the-art equipment for conducting ecological and biotechnological research. The School cooperates with the neighboring US Forest Service lab, which includes a walk-in rhizotron and a mesocosm facility. It has a research portfolio that spans a wide range of ecosystems, including the abundant wetlands that cover approximately 11 percent of Michigan’s Western Upper Peninsula.

In 2010, the School attracted an impressive $28.7 million in total external research funding, with an average of $1.5 million per tenure-track faculty member. Research expenditures reached $5.8 million across approximately 290 active projects.

FORESTRY SPOTLIGHT

“"The research that I did as part of my master’s was fun and exciting, and I was fortunate to spend a lot of time in the forests of Upper Michigan. I learned a lot from the faculty whom I worked with, and I continue to collaborate with several of them in my current job. While studying for my master’s, I also developed skills that I use every day as part of my job, including writing, presenting, and working with a variety of collaborators.”

Maria Janowiak ’07
Scientist, Climate Change Adaptation and Carbon Management, Northern Institute of Applied Climate Science

www.mtu.edu/forest  www.mtu.edu/gradschool
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
- Three letters of recommendation
- Résumé/curriculum vitae
- Admitted applicants typically have an undergraduate GPA of 3.0/4.0 or better.

International Students
- TOEFL: Recommended score of 79 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.

- Interested students should match their area of research interest with that of our faculty and contact faculty members directly.
- Research funding is continuously acquired, and faculty members choose which students to accept and where to allocate available funding. By establishing a relationship with a professor, you will increase the potential to be matched with an assistantship and research project.
- Many graduate students are eligible for 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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