ENHANCE YOUR EXPERTISE
Michigan Tech’s Master of Science in Applied Science Education (MSASE) degree meets the needs of teachers who want to improve their knowledge and application of science and math in the classroom, continue their professional development, seek an advanced degree, and accomplish the goals of State and National standards. The program offers three tracks:

- The applied science and mathematics track is designed for teachers with at least one year of teaching experience who wish to improve their knowledge and application of science and mathematics in the classroom.
- The Earth system science track is designed for in-service teachers who are currently certified to teach secondary science or mathematics and want to improve their understanding of Earth science. This track can lead to an Earth Science endorsement.
- The Peace Corps Master's International programs are for students with an undergraduate degree in science, mathematics, or engineering who are interested in international service through the Peace Corps. This track can lead to teacher certification.

Teachers can earn professional certification and reap financial and career benefits with the MSASE. The program combines courses taught by engineering and science faculty with Internet-based courses in science education. The MSASE was initiated with financial support from the National Science Foundation.

EMPOWERING TEACHERS WITH PRACTICAL CURRICULA
The applied science education program enables teachers to incorporate applications and practical examples into their science and math courses. Teachers interact with Michigan Tech faculty and receive training in innovative methods and applications, sharing their most successful practices with each other. Join an experiential, inquiry-based graduate program that supports professional development and addresses your classroom and students’ needs.

STUDENT SPOTLIGHT
“My experience at Michigan Tech reinforced my love for STEM education. Tech’s constant focus on using contextual examples to learn in the sciences has given me a unique perspective in my varying roles in education. My connections through Tech have taken me to classrooms in Bolivia, allowed me to partner with an NSF research project, and, presently, to lead a statewide STEM partnership.”

Megan Schrauben ’04
Integrated Education Consultant, Michigan Department of Education
ADMISSION REQUIREMENTS
Application deadline: Apply by April 1 for the fall semester, November 1 for the spring semester, and February 1 for the summer semester. Applications are reviewed on an individual basis using a holistic approach.

All Students
• Graduate School application
• Statement of purpose
• Official transcripts
• Three letters of recommendation
• Certified to teach secondary science or mathematics
• No GRE requirement

FINANCE YOUR FUTURE
Earning your graduate degree is an investment in your career and your future. Here are some financial aid opportunities to explore as you look for ways to pay for your degree.
• Noyce Scholarships—$25,000 one-year stipend if requirements are met.
• Teachers with current certification pay a special tuition rate that is 30 percent less than the standard Michigan Tech graduate tuition.
• MSASE faculty seek grant funding to reduce the cost of many courses in the program.
• Check with your school district to find out if it provides financial assistance to teachers who work to improve their qualifications.
• 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 seventy 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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Division of Teacher Education
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Graduate School
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www.mtu.edu/gradschool

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