Michigan Technological University’s Department of Biological Sciences brings together faculty and students in search of solutions to biological problems in fields ranging from medicine to freshwater ecosystem health. Our stunning natural setting, coupled with our modern facilities and hands-on research, add up to a truly incredible undergraduate experience. Our undergraduates choose from four different bachelor of science degrees:

- **Biological Sciences**
- **Medical Laboratory Science**
- **Bioinformatics**
- **Biochemistry and Molecular Biology**

In addition to these degrees, we offer a pre-health professions concentration, which prepares our students to attend professional graduate programs in highly in-demand health career fields. We have an accelerated Master’s program where students can earn their bachelor’s and Master’s in just five years.

**Research Focus**

Research in the Department of Biological Sciences is unique and ever-evolving. Our department’s collaborative environment fosters many inter-university research projects. Faculty research strengths include:

- **Plant Biochemistry**
- **Molecular Biology**
- **Human Diseases**
- **Genetics**
- **Human Physiology**
- **Microbiology**
- **Aquatic Biology and Ecology**

Undergraduate students can get involved in research with faculty starting their first year, or they can assist in teaching an undergraduate lab—all for academic credit.

**World-Class Facilities**

Our research centers, diverse research groups, and state-of-the-art facilities create an exciting educational environment. Our research laboratories support faculty and student research in human health, the environment, molecular biology and biochemistry.

A fleet of research vessels, including the 36-foot-long RV *Agassiz*, provide access to the islands, open waters, and bays of Lake Superior for our courses and research programs.

From our greenhouse dome and spacious rooftop greenhouse to our powerful supercomputer, our facilities enable amazing research and education to take place every day.
With Honors

Students who have a 3.3 or higher GPA with third-year standing may apply for the Biology Honors Program. In this program students develop a research project with faculty mentors. Students who have participated in this program have published papers on their research and receive honors on their transcript.

Exceptional students are also encouraged to continue their education with the Accelerated Master’s Program. Students in their third year with a 3.5 or higher GPA may apply to graduate school. If accepted, students start work on their master’s degree while completing their undergraduate degree. It allows students to graduate with both their bachelor's and master's degrees in only five years.

Small School, Big Opportunity

With an enrollment of approximately 7,000, MichiganTech is large enough to offer great academic programs and small enough for you to stand out.

In the Department of Biological Sciences our lecture sections are taught by faculty. Our first-year lecture classes typically have 80–140 students while upper-division courses have 10–40 students. Labs typically have 10–25 students.

About the Area

Houghton has been cited as one of the nation’s top-10 summer sports cities, and one of the top-10 best places to live in the country. Students come from more than seventy countries and comprise a rich, multicultural community.

Campus is located on the scenic Keweenaw Waterway, a 20-mile ribbon of water that cuts the Keweenaw Peninsula in half and connects to Lake Superior. Expansive waters and forests offer terrific outdoor recreation. The University owns miles of trails for Nordic skiing, snowshoeing, hiking, and biking, plus a golf course and an alpine ski area that are close to campus. The Student Development Complex provides ample facilities for indoor recreation and fitness activities. Both the University and the local community offer many opportunities to enjoy theater, music, and other cultural events.

For more information, visit www.mtu.edu/biological
Apply online—for free! www.mtu.edu/apply

Department of Biological Sciences
Phone 906-487-2025 • biology@mtu.edu