



# TECH



Michigan  
Technological  
University

# Like Nowhere Else

**No. 16**

among the nation's best public colleges (*The Wall Street Journal*)

## The Premier Technological University of the North

The world is changing fast. Tomorrow needs new solutions and agile thinkers. It needs technologies, inventors, artists, engineers, innovators, communicators, and coders.

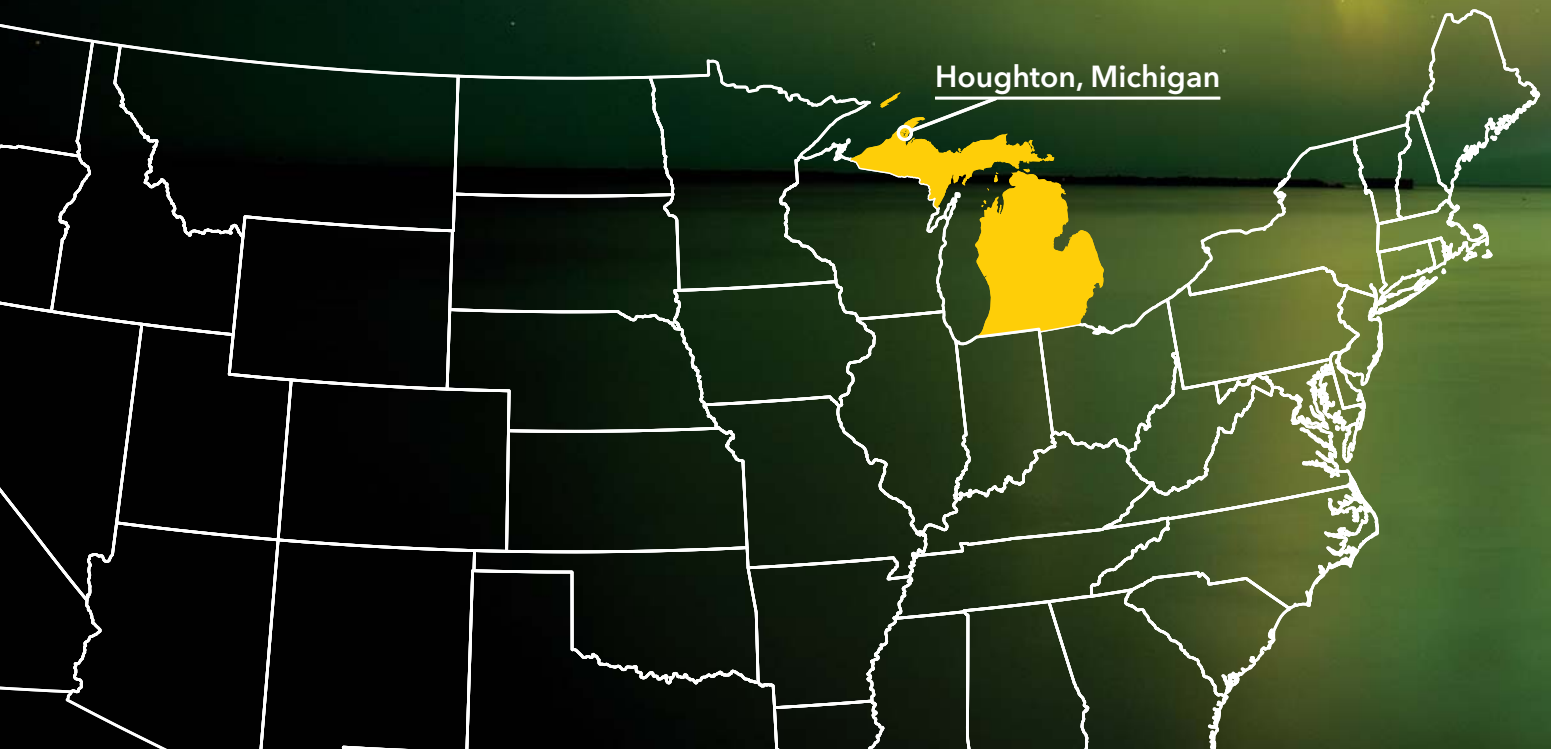
Michigan Tech prepares students to create the future. Hone your skills, refine your strengths, and maximize your abilities to become a champion of the unknown.

**We're ready for tomorrow. Are you?**

## Superior Location

The area's waters, forests, and snowfall (200+ inches annually!) offer endless opportunities for outdoor adventure and education. Historic downtown Houghton is active with locally owned shops, eateries, high-tech companies, community events, and more. We embrace our size, climate, sense of adventure, and originality. Michigan Tech wouldn't be the same anywhere else on Earth—and we wouldn't have it any other way.

Houghton, Michigan





# No. 1

safest public college  
in Michigan (Niche.com)

# 5

state and national  
parks within 50 miles

# 600+

acres of recreational forest to  
ski, mountain bike, and explore

[mtu.edu/tomorrowneeds](https://mtu.edu/tomorrowneeds)



@michigantech



@michigan\_tech





# Real Experience Real Learning

Hands-on is the hallmark of a Tech education. Build both your resume and your skill set through industry-sponsored project work, undergraduate research, and so much more.

[mtu.edu/admissions/academics](https://mtu.edu/admissions/academics)

## Senior Design

Engineering majors at Tech have a choice between Enterprise or Senior Design for their capstone experience. The Senior Design program at Michigan Tech is so much more than a final written assignment; it's a robust experience that will help you kickstart your engineering career.

Here, more than 100 projects each year are sponsored by industry partners—meaning you'll work to provide real engineering solutions for real clients. Or, create solutions for those in need through philanthropic, human-centered engineering projects.

[mtu.edu/senior-design](https://mtu.edu/senior-design)





## Design Expo

Design Expo highlights hands-on, discovery-based learning at Michigan Tech. During the annual event, more than a thousand students in Enterprise and Senior Design teams showcase their work and compete for awards.

[mtu.edu/enterprise/involved/expo](https://mtu.edu/enterprise/involved/expo)

# Enterprise

Be a part of the Enterprise Program at Michigan Tech, where interdisciplinary teams of students work on real client projects or national design competitions, in an environment that's more like a business than a classroom.

Join one of more than 20 multidisciplinary Enterprise teams and work to invent products, provide services, and pioneer solutions with coaching and guidance from faculty members.

Our flagship program helps you stand out from the pack to employers who value the real-world experience that Enterprise at Michigan Tech provides.

[mtu.edu/enterprise](https://mtu.edu/enterprise)

## Current Enterprise Teams

- Advanced Metalworks
- Advanced Motorsports
  - Blizzard Baja
  - Clean Snowmobile Challenge
  - Formula SAE
  - Supermileage Systems
- Aerospace
- Alternative Energy
- Blue Marble Security
- BoardSport Technologies
- Built World
- CinOptic Communication and Media
- Circular Solutions
- Consumer Product Manufacturing
- General and Expedition Adventure Research (GEAR)
- Green Campus
- Humane Interface Design
- Husky Game Development
- H-STEM
- Innovative Global Solutions
- ITOxygen
- Multiplanetary Innovation Enterprise (MINE)
- Open Source Hardware
- Robotic Systems
- Strategic Education through Naval Systems Experiences (SENSE)
- Velovations
- Wireless Communication







## Undergraduate Research

As early as your first year, you can gain valuable experience conducting undergraduate research with a faculty mentor in a wide range of areas.

Get involved in ongoing research through the connections you make with your professors or pursue an interest of your very own with faculty support and guidance.

There are several research programs and opportunities available—and we'll help you find the right fit.

[mtu.edu/admissions/academics/research](https://mtu.edu/admissions/academics/research)

**132K**  
paid undergraduate  
research hours

## Undergraduate Research and Scholarship Symposium

The symposium highlights innovative research conducted by undergraduate students at Michigan Tech. Student researchers give poster presentations and compete for awards during the annual event.

[mtu.edu/honors/research/symposium](https://mtu.edu/honors/research/symposium)





## International Opportunities

Broaden your skill set and your horizons with international opportunities as you study away or abroad in more than 60 locations around the world. Minor in a modern language (German or Spanish) or international studies. Participate in international Senior Design or Engineers Without Borders.

[mtu.edu/honors/study-abroad/program](https://mtu.edu/honors/study-abroad/program)



## Co-ops and Internships

Explore career options and get real on-the-job experience before you graduate. Co-ops and internships are a great way to find out what you like—and just as importantly, what you don't like. As an added bonus, Huskies earn an average co-op salary of more than \$22 per hour.

[mtu.edu/admissions/  
financial/paying/co-ops](https://mtu.edu/admissions/financial/paying/co-ops)



# Visit and Ex

An aerial photograph of the Michigan Technological University campus in Houghton, Michigan, taken during the golden hour of sunset. The image shows several large, multi-story brick and concrete buildings with flat roofs. In the foreground, a prominent building features a series of dark, triangular roof structures. The campus is surrounded by a dense forest of trees with autumn foliage in shades of orange, yellow, and brown. Residential houses are visible in the background, interspersed among the trees. The sky is a clear, deep blue with a soft orange glow near the horizon.

## **Plan Your Visit**

Our campus, located in Houghton in the heart of the Keweenaw Peninsula, blends nature and technology. Explore Michigan Tech during a weekday or Saturday visit, or at our annual Open House event held every summer.

[mtu.edu/admissions/visit](https://mtu.edu/admissions/visit)

## **Summer Youth Programs**

Students in grades 6-11 are invited to Tech for camp-like, mini college experiences focused on hands-on explorations in engineering, science, technology, computer science, business, design, and the humanities.

[mtu.edu/syp](https://mtu.edu/syp)

[mtu.edu/admissions/visit](https://mtu.edu/admissions/visit)



# Explore





# Follow Your Passion at Michigan Tech

## Essential Education

As a flagship technological university, we believe that next-generation skills, abilities, and competencies are essential in order to create the future—regardless of academic major.

Essential Education is an integrated general education curriculum structured around 12 Essential Abilities—the critical skills that tomorrow's workforce needs—that will prepare you for success after Tech, both personally and professionally. Plus, you can earn one of a select number of interdisciplinary minors with no additional time or money.

[mtu.edu/essential-ed](https://mtu.edu/essential-ed)

## Student Success

Huskies stick together. When you join Husky Nation, we make sure that you have the support you need to earn a premier technological education.

Achieve academic success with the help of Learning Centers, faculty office hours, study groups, the Wahtera Center for Student Success, the ExSEL Program, and more. Plus, access resources that promote your mental health and overall well-being such as counseling services, disability services, and our Center for Diversity and Inclusion.

[mtu.edu/admissions/life/success](https://mtu.edu/admissions/life/success)

## Pavlis Honors College

Pathways in the Pavlis Honors College are open to all Huskies, regardless of GPA. Achieve your goals through leadership, community engagement, research, Enterprise, innovation, entrepreneurship, and more. Or, choose multiple areas to develop a broader personal portfolio.

[mtu.edu/honors](https://mtu.edu/honors)

**120+**

academic degree  
programs

**13:1**

student-to-  
faculty ratio

**25**

average  
class size



# Majors

Areas of concentration are shown in *italic*.

## College of Business

Accounting  
*Data Analytics*  
Economics  
Engineering Management  
Finance  
Management  
*Entrepreneurship*  
*Supply Chain and Operations Management*  
Management Information Systems  
Marketing

## College of Computing

Computer Science  
*Applications*  
*Computer Science*  
*Computer Systems*  
*Game Development*  
Cybersecurity  
Data Science  
Electrical Engineering Technology  
Information Technology  
Software Engineering

## College of Engineering

Biomedical Engineering  
Chemical Engineering  
Civil Engineering  
Computer Engineering  
Electrical Engineering  
*Biomedical Applications*  
*Electric Power Engineering*  
*Environmental Applications*  
*Photonics*  
Engineering  
*Systems Engineering*  
Environmental Engineering  
Geological Engineering  
Geology  
Geophysics, Applied  
Geospatial Engineering  
Materials Science and Engineering  
Mechanical Engineering  
Mechanical Engineering Technology  
Mining Engineering  
Robotics Engineering

## College of Forest Resources and Environmental Science

Ecology and Environmental Sciences,  
Applied  
Environmental Data Science  
Environmental Science and  
Sustainability  
Forestry  
Natural Resources Management  
Sustainable Bioproducts  
Wildlife Ecology and Conservation

## College of Sciences and Arts

Anthropology  
Audio Production and Technology  
Biochemistry and Molecular Biology  
*Biology Focus*  
*Chemistry Focus*  
Biological Sciences  
Business Analytics  
Chemistry  
*Biochemistry*  
*Chemical Physics*  
*Environmental*  
*Polymers*  
*Pre-Pharmacy*  
Chemistry, Medicinal  
Communication, Culture, and Media  
Computational Biology  
Computational Chemistry and  
Chemical Informatics  
Ecology and Evolutionary Biology  
English  
Exercise Science  
History  
Human Biology  
Human Factors  
*Systems Thinking and Design*  
*Human-Computer Interface Design*  
*Innovation and Human-Centered Design*  
Humanities (associate degree)  
Mathematics  
*Actuarial Science*  
*Applied/Computational*  
*Business Analytics*  
*Discrete Mathematics*  
*Education Preparation*  
*General Mathematics*  
Mathematics and Computer Science  
Medical Laboratory Science  
*3+1 or 4+1 Medical Laboratory Science*  
Nursing  
Physics  
Physics, Applied  
Policy and Community Development  
Psychology  
*Clinical/Counseling Psychology*  
*Cognitive Psychology*  
*Social Psychology*  
Scientific and Technical Communication  
Social Sciences  
*Policy, Law, and Society*  
Sound Design  
Sports and Fitness Management  
Statistics  
Sustainability Science and Society  
Theatre and Entertainment Technology

## Interdisciplinary Programs

Construction Management  
Mechatronics

## Pre-Health Professions

Pre-Cardiovascular Perfusion  
Pre-Chiropractic Medicine  
Pre-Dentistry  
Pre-Medicine  
Pre-Occupational Therapy  
Pre-Optometry  
Pre-Pharmacy  
Pre-Physical Therapy  
Pre-Physician Assistant  
Pre-Podiatric Medicine  
Pre-Prosthetics and Orthotics  
Pre-Veterinary Medicine  
Sports Medicine

## Undecided

You don't have to decide on a major to start building your career path. Our undecided programs give you space to find the major that's right for you. You'll have the advantage of time (up to three semesters) to explore different majors with the help of a dedicated advisor without delaying graduation or losing money pursuing a major that may not be what you expected.

Start in one of our interest-focused general undecided programs or choose our Undeclared: Exploring Majors program if your interests span multiple colleges. We'll help you find your place at Michigan Tech.

General Business  
General Computing  
General Engineering  
General Forestry  
General Pre-Health Professions  
General Sciences and Arts  
Undeclared: Exploring Majors

[mtu.edu/admissions/academics/majors](https://mtu.edu/admissions/academics/majors)

30+

accelerated master's  
degree programs

40+

accelerated  
certificates

85+

academic  
minors



# Adventure of a Lifetime

No matter where you're from, at Michigan Tech you become part of something bigger. Your college experience is an adventure that's uniquely yours. Tech is the perfect place to find your passion, explore the world, and try new things.



**218"**

average annual snowfall

## Experience Tech

Get unlimited access to Mont Ripley, our ski and snowboard hill, and 35 kilometers of outdoor recreational trails. Hit the golf course or tennis center, play intramural sports, and attend on-campus arts and athletic events. All for just \$99 per semester, included in your tuition.

[mtu.edu/recreation](https://mtu.edu/recreation)

**37%**

of undergraduate students live on campus

## Tech Traditions

Race cardboard boats during Homecoming. Celebrate your culture at the Parade of Nations. See (or build!) giant snow statues and experience broomball during Winter Carnival—one of the largest annual winter festivals in the nation. Tech Traditions connect the Husky Nation across campus and generations.

[mtu.edu/about/traditions](https://mtu.edu/about/traditions)



## Residential Life

Where you crash at the end of a long day matters—and Tech has multiple residence hall options to suit a variety of lifestyles and preferences. As a residential campus, your friends are minutes away for a study session or late-night snack break. You'll always find people to hang out with!

[mtu.edu/admissions/home](https://mtu.edu/admissions/home)





# Visual and Performing Arts

Play. Sing. Act. Produce. Create. You don't need to major or minor in visual and performing arts to pursue your passion—onstage or behind the scenes.

[mtu.edu/vpa](http://mtu.edu/vpa)



**600+**  
students participate  
in the arts

# Student Involvement

Most Huskies stay and play on the weekends. Catch a comedy show, try out a guided painting night, or participate in a hackathon. And, there are plenty of ways to get involved and find your people through student clubs and organizations. Whatever you're into, there's a place for you here.

[mtu.edu/involvement](http://mtu.edu/involvement)



**240+**

student clubs  
and organizations



# Join the Husky Nation

## Athletics

We had the first varsity esports team at a public college or university in Michigan. We've made 100+ years of hockey history. Husky student-athletes exemplify the characteristics of all Tech students: dedication, focus, tenacity, and spirit.

Whether you're playing, cheering, or performing with the Pep Band, you'll have a blast being a Husky.

[michigantechhuskies.com](http://michigantechhuskies.com)

### Women's NCAA

- Basketball
- Cross Country
- Nordic Skiing
- Soccer
- Tennis
- Track and Field
- Volleyball

### Men's NCAA

- Basketball
- Cross Country
- Football
- Ice Hockey
- Nordic Skiing
- Tennis
- Track and Field

### Co-ed Varsity

- Esports









# Find Yourself Here



**15**  
varsity  
athletic  
teams



**\$80K**

median early  
career pay





**35km**

**campus trails**



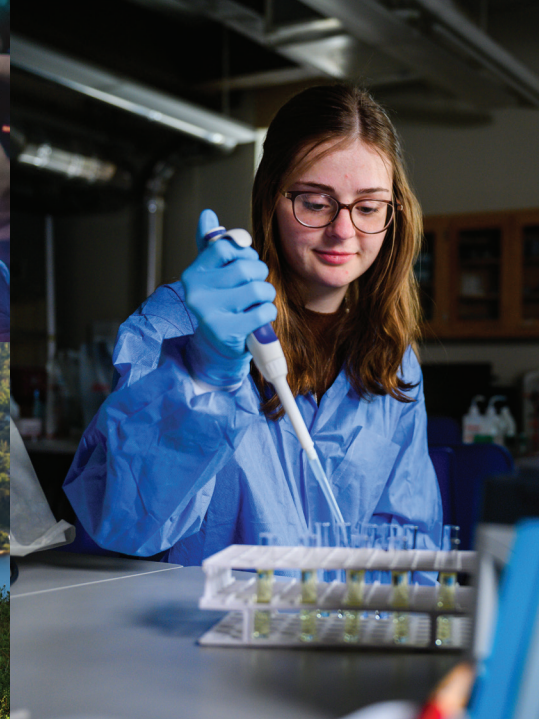
**20+**

**Enterprise teams**



**7,000+**

**students**





# Huskies Get Hired



## Career Services

Career Services supports you in your career journey by connecting you with employers who are actively looking to hire Huskies for co-ops, internships, and full-time jobs.

Our experienced career coaches will help you explore careers, develop cover letters and resumes, prepare for interviews and salary negotiations, and so much more.

In addition to one-on-one advising, Career Services also offers workshops, industry events, career fairs, and job search resources.

[mtu.edu/career](https://mtu.edu/career)

**Top 20**

**for early career pay in the  
nation with a median salary  
of \$80,300**

**No. 2**

**for salary impact among  
US public colleges (*The  
Wall Street Journal*)**

**400+**

**companies recruit  
on campus during  
Career Fairs**

**93%**

**placement  
rate within six  
months**





## Apply Now for Admission, Scholarships, and Financial Aid

Ready to join the Husky family? Submit your application to Michigan Tech now and receive automatic consideration for merit scholarships.

1. Submit your application for admission. No essays or letters of recommendation are required.
2. Request to have your official transcript(s) sent to us from your school(s) or a transcript service such as Parchment.
3. No test scores are required. If you have scores, submit them for maximum financial aid consideration.
4. Apply for competitive scholarships. Some deadlines are as early as November 1 of your senior year.
5. File your FAFSA by March 1 at [fafsa.gov](https://fafsa.gov) and use our school code: **002292**.
6. Estimate your scholarship value and financial aid award. Use our Net-Price Calculator: [mtu.edu/admissions/financial/calculator](https://mtu.edu/admissions/financial/calculator)

[mtu.edu/admissions/apply](https://mtu.edu/admissions/apply)

**100%**

**of admitted students are considered for merit scholarships**

**90%**

**of students receive some form of financial aid through scholarships, grants, and loans**

## Career Fairs

Our two annual Career Fairs in the fall and spring draw as many as 1,700 recruiters from up to 415 companies, agencies, and nonprofits who recruit Huskies for co-ops, internships, and full-time jobs.

Recruiters often stay for several days after the fairs are over to conduct interviews and extend offers. Plus, many recruiters are Tech grads themselves—giving students a chance to connect over shared experiences.

Additionally, the College of Forest Resources and Environmental Science hosts a Natural Resources Career Fair each year focused solely on natural resource industries with 20+ agencies and private consulting companies in attendance.

**No. 2**

**best public school for internships (*The Princeton Review*)**

## Questions?

We're here to help. Connect with your Regional Admissions Manager to start a one-on-one conversation.

[mtu.edu/admissions/connect/staff](https://mtu.edu/admissions/connect/staff)





**Michigan  
Technological  
University**

**Admissions Office**

1400 Townsend Drive  
Houghton, MI 49931-1295  
906-487-2335  
mtu4u@mtu.edu

# Focused. Driven. Ready to **Run.**

Michigan Tech Huskies are prepared with the skills tomorrow needs. Are you?

Apply for admission and receive automatic consideration for merit scholarships.

**[mtu.edu/apply](https://mtu.edu/apply)**



@michigantech



@michigan\_tech

Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities. 353120724