MAKE THE WORLD WORK BETTER

BECOME A MECHANICAL ENGINEER

MECHANICAL ENGINEERING
UNIVERSITY OF MICHIGAN

GRADUATE PROGRAMS
Mechanical Engineering at Michigan

A Top-Ranked Graduate Program at a World-Class University

Mechanical Engineering (ME) at the University of Michigan (U-M) is consistently ranked among the top ME departments with good reason. Michigan mechanical engineers don’t just react to society’s needs. They shape them — by driving emerging technologies like automated vehicles and robotics, cellular biomechanics, energy storage materials, and nanomanufacturing.

Our graduate programs prepare students to innovate science and impact society through a robust curriculum, meaningful research opportunities, and rich design experiences.

At Michigan, you’ll be surrounded by world-class faculty, resources, facilities, and 110 graduate programs ranked in the top 10 by U.S. News & World Report — a combination of breadth and expertise that makes U-M an interdisciplinary powerhouse.

You’ll learn how to excel at working across boundaries and between disciplines, pioneering new knowledge and discovery that makes a difference for both academia and the world.

You will learn how to make the world work better.

The best thing about U-M Mechanical Engineering is the sheer size and diversity of the ongoing research and the ease of interdepartmental collaboration. There is something for everyone.”

Bachir Abeid
4th-Year PhD Candidate

By the Numbers

$42,652,500
Total Research Expenditures
(2021-22)

68
Faculty Members

BEST ME PROGRAMS IN THE U.S. 2022

Grad Students from 32 Countries

289
PhD Students

293
MSE Students

BEST ENGINEERING PROGRAMS 2022

#9
Graduate Program
U.S. News & World Report

#3
U.S. Public University
U.S. News & World Report

110 Top 10
Grad Programs at U-M
U.S. News & World Report

#2
Research Volume for U.S. Public Universities
National Science Foundation

Ann Arbor Ranked #1
StudyFinds

Best Places to Live 2023

#1

110 Top 10
Grad Programs at U-M
U.S. News & World Report

#2
Research Volume for U.S. Public Universities
National Science Foundation

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Bachir Abeid
4th-Year PhD Candidate
The Department of Mechanical Engineering's facilities include state-of-the-art labs and research centers, such as the cleanroom nanofabrication facility and a robot playground. In addition, the department has a 12-story building, the G.G. Brown Building, which recently received $15 million in renovations. The improvements provide students with a state-of-the-art learning environment.

ME PhD Student

As I'm finding just that. By being able to join a group like the ME DEF Alliance student group, we have become a big family that has been able to explore the diverse beauty of the whole department."

RESEARCH

An Essential Part of the ME Graduate Experience

- Faculty: The faculty of the ME department is committed to developing innovative research programs. They work closely with graduate students to ensure that each student has the opportunity to contribute to cutting-edge research.

- Facilities: The department has state-of-the-art facilities for research, including a cleanroom nanofabrication facility, a robot playground, and a 12-story building.

- Funding: ME PhD students are guaranteed full funding, which includes full tuition, health insurance, and an stipend.

GET INVOLVED

STUDENT GROUPS

ME PhD students have access to a variety of student groups, including the ME Graduate Council, the ME DEI Alliance, and the ME Graduate Council. These groups provide professional networks, mentoring opportunities, and a supportive community.

INternship OPPORTUNITIES

Many ME PhD students are involved in independent research projects that contribute to cutting-edge research. These projects often lead to opportunities for internships, which can be a great way to gain valuable work experience.

ME Research Focus Areas

- Mechanical & Bioengineering
- Energy
- Fluids
- Design
- Mechatronics
- Robotics
- Multiscale Computation
- Engineering Sustainable Systems

State-of-the-Art Labs and Facilities

- Cleanroom nanofabrication facility
- Robot playground
- 12-story building

ME PhD Student

As an international student who has experienced multiple relocations, I found it difficult at times to identify a place where I belong. But at UM-EE, I found just that. By being able to join a group like the ME DEF Alliance student group, we have become a big family that has been able to explore the diverse beauty of the whole department."

ABOUT ANN ARBOR

A Vibrant, Livable City

Ann Arbor is located in the Washtenaw County, home of the University of Michigan. It's a city with a lively arts scene, delicious restaurants, and an active community. In addition, Ann Arbor is known for its beautiful parks and trails, making it the perfect place for outdoor activities. Whether you're interested in exploring nature or attending cultural events, Ann Arbor has something for everyone.

ABOUT THE UNIVERSITY OF MICHIGAN

Bringing Excellence and Impact to the World

Founded in 1817, the University of Michigan is the oldest public university in the United States. As a top-tier research university, U-M is home to numerous Nobel Laureates, Supreme Court justices, and U.S. presidents. The university has a strong emphasis on community engagement, which includes working with local and international partners to address global challenges.
Contact Us to Learn More

Michigan’s graduate program in Mechanical Engineering is one of the best in the country, and we’d love to tell you more about it. Our website has detailed information on program prerequisites, degrees offered, application guidelines, and much more. Please email our Academic Services Office at me-aso@umich.edu, call us at 734-936-0337, scan the QR code here, or visit our website at the link below.

me.engin.umich.edu/admissions/graduate