Engineering is among the founding disciplines of MSU and among the three largest academic units. Degrees granted by the college are among the most sought and valued in the marketplace. Working with partners in industry and government, we develop technology talent to drive the economy of Michigan and beyond.

**ENROLLMENT**

*7,000+ Engineering Students*

*6,100+ Undergraduate*  
*900+ Graduate (M.S. & Ph.D.)*  
*493 International Graduate Students*

**ACADEMICS**

*297 Faculty*

*12 Bachelor’s Degrees*  
*11 Graduate Degrees*

**PROGRESS TOWARD INCLUSIVITY**

As part of our commitment to affirm the identity of every member of our community, we are taking the steps to update our data collection and reporting processes.

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*Includes Native American/Alaska Native, Black/African American, Hispanic/Latino, Native Hawaiian/Other Pacific Islander and Two or More Race students.*

*Accredited by the Engineering Accreditation Commission of ABET, [https://www.abet.org](https://www.abet.org).*

**Accredited by the Computing Accreditation Commission of ABET, [https://www.abet.org](https://www.abet.org).*

Michigan State University is accredited by the Higher Learning Commission.
**RESEARCH PRIORITIES**

**Applied Electromagnetics**
Development of electromagnetics devices and technologies to improve communication and sensing capabilities for a wide array of consumer, industrial and governmental applications.

**Computational and Informational Systems**
Algorithm design and software development to enable and advance data mining, artificial intelligence, machine learning, computer vision, context-aware computing, trustworthy computing, and cyberphysical systems.

**Health and Biomedical**
Discovering and engineering solutions to enhance health and wellness and to improve health care for increased longevity and quality of life.

**Materials, Mechanics, and Advanced Manufacturing**
Creation of new and improved materials, properties, performance and applications, as well as improved processes for manufacturing and joining.

**Mobility and Robotics**
Designing mechanisms for improving the lives of people, facilitating transportation, and supporting manufacturing of goods, with particular emphasis on a new generation of autonomous, connected, energy-efficient vehicles that can operate safely under real-world conditions.

**SmartAg**
Applying technology to the agro-food supply chain to enhance food safety, food security, and system efficiency.

**Sustainability: Infrastructure, Environment, Energy, and Water**
Creating sustainable approaches to meeting societal resource needs, optimizing interactions between the natural and built environments, and protecting human and environmental health.

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**TOP FEDERAL FUNDING SOURCES**
- National Science Foundation (NSF)
- Department of Health and Human Services (HHS)
- Department of Defense (DOD)
- Department of Energy (DOE)
- US Department of Agriculture (USDA)
- National Aeronautics and Space Administration (NASA)
(all of those are more than $750,000)

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**CAREER OUTCOMES AND ECONOMIC IMPACT**

The College of Engineering is among MSU's top producers of research discoveries and commercialization that help build a diversified economy and generate jobs for Michigan and beyond. Spartans engineer a healthier, safer, and more sustainable world in industries including automotive, manufacturing, insurance, commercial banking, information technology, electronic and hardware, small business sectors, and more.

**Employers Hire MSU Engineers**

500+

**Graduates Employed in Michigan**

$76,806

59%

**Graduates Employed in Midwest**

76%

94.3%

**Graduate Placement Rate (employed or continuing education)**

Top States (outside of MI)

IL, OH, TX, WI, CA, WA, IN, NY, VA

Mar. 2024

Data represents Spring 2023 survey results from graduating undergraduate students.