I AM A SPARTAN OF INNOVATION.

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

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.

ACADEMICS

297
Faculty

11
Bachelor’s Degrees

11
Graduate Degrees

Degree Programs | B.S. | M.S. | Ph.D.
--- | --- | --- | ---
Applied Engineering Sciences | ✓ | ✓ | ✓
Biomedical Engineering | ✓ | ✓ | ✓
Biosystems Engineering | ✓ | ✓ | ✓
Chemical Engineering | ✓ | ✓ | ✓
Civil Engineering | ✓ | ✓ | ✓
Computational Data Science | ✓ | ✓ | ✓
Computational Mathematics Science & Engineering | ✓ | ✓ | ✓
Computer Engineering | ✓ | ✓ | ✓
Computer Science | ✓ | ✓ | ✓
Electrical & Computer Engineering | ✓ | ✓ | ✓
Electrical Engineering | ✓ | ✓ | ✓
Engineering Mechanics | ✓ | ✓ | ✓
Environmental Engineering | ✓ | ✓ | ✓
Materials Science & Engineering | ✓ | ✓ | ✓
Mechanical Engineering | ✓ | ✓ | ✓


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.

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.

500+
Employers Hire MSU Engineers

$73,921
Average Starting Salary

97.9%
Graduate Placement Rate (employed or continuing education)

57.3%
Graduates Employed in Michigan

75.2%
Graduates Employed in Midwest

Top States (outside of MI)
IL, WI, CA, IN, OH, TX, MN, WA, NY

Data represents Spring 2022 survey results from graduating undergraduate students