Our ME students are among the most talented and motivated students on campus, and they extend their mechanical engineering education through student organizations, competition teams, co-ops, internships and outreach activities. This energy and vibrancy makes our department special and enables the ME discipline to evolve.

As a department, we’re very collegial, and this supportive environment enables us to attract top people in our field and to work collaboratively to address vexing interdisciplinary research problems.

Our seniors complete a two-semester capstone design sequence in which they work in teams to design, fabricate and test prototypes that address needs of external clients.

Our alumni are innovative problem-solvers, with analytical and design skills they apply in a broad range of industries, and even careers beyond engineering. They have impact in innumerable ways.

We have exceptional faculty who are passionate, engaged and committed to evolving our research enterprise to address major challenges involving transportation, energy, healthcare and sustainable manufacturing.

Student Enrollment

1080 Undergraduate

266 Graduate

Degrees Conferred

173 Undergraduate

42 Graduate

National Public Ranking

10th Undergraduate

7th Graduate

according to U.S. News & World Report
Undergraduates placed in a job or post-graduate studies within a year of graduation

93% PLACEMENT

Starting Salaries and Placement*

UNDERGRADUATE
$70,000+

GRADUATE
$81,000+

DOCTORAL
$99,000+

*approximate per year

Degrees Offered

BS
Mechanical Engineering

MS
Mechanical Engineering
Mechanical Engineering: Accelerated
Mechanical Engineering: Automotive Engineering
Mechanical Engineering: Modeling and Simulation in ME

PhD
Mechanical Engineering

Starting Salaries and Placement*

UNDERGRADUATE
$70,000+

GRADUATE
$81,000+

DOCTORAL
$99,000+

Research Centers and Labs

Diesel Engine Research Consortium
Engine Research Center
Polymer Engineering Center
Center for Traumatic Brain Injury
Solar Energy Lab
Wisconsin Applied Computing Center

Accomplished Faculty

National Science Foundation Career Award recipients

17

Tenured or tenure-track faculty

40

Research Areas

Advanced Manufacturing
• Additive Manufacturing
• Laser-assisted Multi-scale Manufacturing
• Polymer Engineering
• Ultra-Precision Machining

Biomechanics
• Cardiovascular Fluid Dynamics
• Traumatic Brain Injury
• Musculoskeletal Biomechanics

Energy Systems
• Battery Research
• Engine Research
• Solar Energy
• Thermal Hydraulics
• Thermal Transport

Computational Engineering
• Computational Design
• Data-Driven Design and Simulation
• Engineering Design Research
• Advanced Computing

Robotics, Control and Sensing
• Biomechatronics, Assistive Devices, Gait Engineering and Rehabilitation
• Printed Electronics and Sensors
• Robotics and Autonomous Systems

Mechanics
• Multi-scale Material Modeling
• Computational Mechanics
• Soft Matter

Research Areas

Advanced Manufacturing
• Additive Manufacturing
• Laser-assisted Multi-scale Manufacturing
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• Advanced Computing

Robotics, Control and Sensing
• Biomechatronics, Assistive Devices, Gait Engineering and Rehabilitation
• Printed Electronics and Sensors
• Robotics and Autonomous Systems

Mechanics
• Multi-scale Material Modeling
• Computational Mechanics
• Soft Matter

Debt Department Chair

Darryl Thelen
John Bollinger Chair of Mechanical Engineering & Bernard A. and Frances M. Weideman Professor

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Department of Mechanical Engineering
UNIVERSITY OF WISCONSIN–MADISON

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