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.

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.

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 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.

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**STUDENT ENROLLMENT**

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080</td>
<td>266</td>
</tr>
</tbody>
</table>

**DEGREES CONFERRED**

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>173</td>
<td>42</td>
</tr>
</tbody>
</table>

**NATIONAL PUBLIC RANKING**

- Undergraduate: 12th
- Graduate: 9th
# Degrees Offered

<table>
<thead>
<tr>
<th>BS</th>
<th>Mechanical Engineering</th>
</tr>
</thead>
</table>
| MS | Mechanical Engineering  
Mechanical Engineering: Accelerated  
Mechanical Engineering: Automotive Engineering  
Mechanical Engineering: Modeling and Simulation in ME |
| PhD | Mechanical Engineering |

## Starting Salaries and Placement

<table>
<thead>
<tr>
<th>Degree</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>$70,000+</td>
</tr>
<tr>
<td>Graduate</td>
<td>$81,000+</td>
</tr>
<tr>
<td>Doctoral</td>
<td>$99,000+</td>
</tr>
</tbody>
</table>

93% Placement

Undergraduates placed in a job or post-graduate studies within a year of graduation

*approximate per year

## 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

## Average Annual Research Funding

$20M

## Accomplished Faculty

17 National Science Foundation Career Award recipients

40 tenured or tenure-track faculty

## 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

## Department Chair

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