TOP THINGS TO KNOW

Learning by doing. Our faculty shape the next generation of problem-solvers and engineering leaders, and we believe the best way for our students to learn engineering is by doing it.

Discovery through teamwork. In our research, we welcome collaboration and believe the greatest discoveries arise when we bring together bright people with diverse backgrounds and experiences.

Impact through leadership. In the spirit of the Wisconsin Idea, we believe that our people, knowledge and advances should benefit people’s lives throughout the world.

STUDENT ENROLLMENT

<table>
<thead>
<tr>
<th>UNDERGRADUATE</th>
<th>GRADUATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>998</td>
<td>349</td>
</tr>
</tbody>
</table>

DEGREES CONFERRED

<table>
<thead>
<tr>
<th>UNDERGRADUATE</th>
<th>GRADUATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>203</td>
<td>117</td>
</tr>
</tbody>
</table>

NATIONAL PUBLIC RANKING according to U.S. News & World Report

<table>
<thead>
<tr>
<th>Electrical Engineering</th>
<th>Computer Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th UNDERGRADUATE</td>
<td>7th UNDERGRADUATE</td>
</tr>
<tr>
<td>8th GRADUATE</td>
<td>8th GRADUATE</td>
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</tbody>
</table>
Undergraduates placed in a job or post-graduate studies within a year of graduation

**Placement**

92%

**Starting Salaries and Placement**

- **$70,000+**
  - Undergraduate
  - Electrical Engineering

- **$84,000+**
  - Undergraduate
  - Computer Engineering

*approximate per year

**Degrees Offered**

**BS**
- Computer Engineering
- Computer Engineering: Machine Learning and Data Science
- Electrical Engineering
- Electrical Engineering: Machine Learning and Data Science

**MS**
- Electrical Engineering: Research
- Electrical Engineering: Machine Learning and Signal Processing**
- Electrical Engineering: Professional**
- Electrical Engineering: Power Engineering (online)

**PhD**
- Electrical Engineering

**Research Areas**
- Applied Electromagnetics and Acoustics
- Communications, Networks, Privacy and Security
- Computer Systems and Architecture
- Plasma Science and Fusion Energy
- Machine Learning, Signal Processing, and Information Theory
- Solid-state Electronics and Quantum Technologies
- Optics and Photonics
- Energy Systems
- Optimization and Control

**Research Facilities**
- HSX - Helically Symmetric eXperiment
- Materials Research Science and Engineering Center
- Wisconsin Centers for Nanoscale Technology
  - Nanoscale Fabrication Center
  - Soft Materials Characterization Laboratory
  - Nanoscale Imaging and Analysis Center
- Wisconsin Electric Machines and Power Electronics Consortium (WEMPEC)
- Wisconsin Energy Institute
- Wisconsin Institute for Discovery
- Power Systems Engineering Research Center
- Center for High Throughput Computing
- Wide-Bandgap Materials and Devices Lab with III-Nitride MOCVD Reactor

**Accomplished Faculty**

- **25** National Science Foundation Career Award recipients
- **3** Presidential Early Career Award for Scientists and Engineers (PECASE) recipients
- **26** Fellows of IEEE and other societies
- **>23%** Women faculty (tenure/tenure-track)

**Department Chair**

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Philip Dunham Reed Professor
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