Our undergraduate students get hands-on experience, working closely with graduate students, postdoctoral researchers, and faculty mentors on laboratory, computational, or theoretical research projects. In our rigorous capstone course, seniors perform experiments and run pilot-scale industrial equipment in labs at UW-Madison or at partner institutions overseas.

Graduate students can participate in numerous training programs in interdisciplinary research, teaching, mentorship, and entrepreneurship. 6 current PhD students have received prestigious National Science Foundation graduate research fellowships.

Our faculty are consistently recognized with awards: 12 have received National Science Foundation early-career awards, 12 have received awards from the American Institute of Chemical Engineers or American Chemical Society, and 3 have received Presidential Early Career Awards.

Our graduate program ranks 12th overall among both private and public universities. Founded in 1905, the department is among the top chemical engineering departments in the nation.

Our faculty are leaders or members of 9 interdisciplinary research centers and institutes at UW-Madison. Faculty and students have founded 4 startup companies focused on recycling and sustainability.

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**DEGREES OFFERED**

- **BS**
  - Chemical engineering
- **PhD**
  - Chemical engineering

**STARTING SALARIES AND PLACEMENT**

- **UNDERGRADUATE**
  - $69,000+
- **GRADUATE**
  - $96,000+
  - 95% PLACEMENT

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

*approximate per year*

**ACCOMPLISHED FACULTY**

- **$13 M+**
  - AVERAGE ANNUAL RESEARCH FUNDING
- **79%**
  - Faculty who have received Early Career/Young Investigator Awards
- **84%**
  - Faculty who have received endowed professorships

**RESEARCH AREAS**

- **Bioengineering**
  - Synthetic Biology
  - Protein Engineering
  - Systems Biology
  - Biocatalysis
  - Biomanufacturing
- **Catalysis**
  - Biomass Conversion
  - Chemical Upcycling of Plastic Waste
  - Electrocatalysis
  - Microkinetic Modeling
- **Materials**
  - Synthetic & Bio-inspired Soft Materials
  - Soft Robotics & 3D/4D Printing
  - Drug Delivery
  - Liquid Crystals
- **Theory & Computation**
  - Computational Fluid Dynamics
  - Density Functional Theory
  - Molecular Dynamics Simulation
  - Machine Learning and Data Science
  - Systems Engineering

**DEPARTMENT CHAIR**

**Eric V. Shusta**

Howard Curler Distinguished Professor and R. Byron Bird Department Chair

(608) 262-1092
eshusta@wisc.edu

Visit us on the web.