

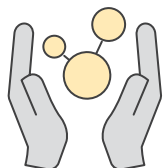
SNAPSHOT

DEPARTMENT OF

CHEMICAL & BIOLOGICAL ENGINEERING

UNIVERSITY OF WISCONSIN-MADISON COLLEGE OF ENGINEERING

TOP THINGS TO KNOW



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. 9 current PhD students received prestigious National Science Foundation graduate research fellowships.



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.

Our faculty are consistently recognized with awards: 13 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. chapters (HFES, IISE, INFORMS and SME) have achieved gold, silver and cum laude status in the last year.



STUDENT ENROLLMENT

Fall semester 2024

444

Undergraduate

112

Graduate



NATIONAL PUBLIC RANKING

U.S. News & World Report

#8

Undergraduate

#8

Graduate



DEGREES CONFERRED

Conferred year 2023-24

85

Undergraduate

24

Graduate



RESEARCH FUNDING

\$13M+

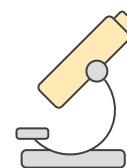
Total value of research expenditures
in 2024



DEGREES OFFERED

BS, PhD

Chemical engineering



RESEARCH AREAS

Bioengineering

Systems and Synthetic
Biology • Protein Engineering
• Plant Biotechnology •
Stem Cell Engineering •
Biomanufacturing

Catalysis

Biomass Conversion •
Chemical Upcycling of Plastic
Waste • Electrocatalysis •
Green Chemistry

Materials

Synthetic & Bio-inspired Soft
Materials • Soft Robotics &
3D/4D Printing • Drug Delivery
• Batteries and Energy Storage

Theory & Computation

Computational Fluid Dynamics
• Density Functional Theory •
Molecular Dynamics Simulation
• AI, Machine Learning and
Data Science • Process
Systems Engineering

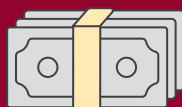


PLACEMENT

(approximate per year)

95%

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



STARTING SALARY

(approximate per year)

\$77K+

Undergraduate

\$86K+

Graduate



ACCOMPLISHED FACULTY

71%

Faculty who have received Early Career/
Young Investigator Awards

83%

Faculty who have received
endowed professorships

Visit our site



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