

# SNAPSHOT

DEPARTMENT OF

## INDUSTRIAL AND SYSTEMS ENGINEERING

UNIVERSITY OF WISCONSIN-MADISON COLLEGE OF ENGINEERING



### STUDENT ENROLLMENT

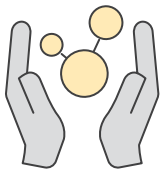
Fall semester 2024

**319**

Undergraduate

**158**

Graduate



### TOP THINGS TO KNOW

According to our students, the most valuable aspects of their degree are the state-of-the-art curriculum, the flexibility to take elective courses in their chosen focus area, regular opportunities to interact with alumni, and a hands-on capstone design project with an industry sponsor.



Our department boasts world-renowned research leadership in optimization, manufacturing and industrial AI, human factors and healthcare systems engineering. Our research seeks to address societally important problems by making fundamental advances in engineering to make a difference in our world.



Our alumni lead across diverse industries, from Silicon Valley startups and finance to consumer supply chains, national health systems organizations, and even high fashion and beauty. They prove that a degree from our program offers limitless possibilities.

Students can tailor their degree with a certificate in Engineering Data Analytics or Six Sigma and take advantage of our innovative coursework in AI technologies with industry applications.

We attract the best students, faculty, and research partners in the world. We're proud to be an important contributor to the UW-Madison mission to improve the quality of life for all.

Our ISyE Connections peer mentorship program allows our newest students to lean on the expertise and perspective of more experienced students. And our professionally affiliated student chapters (HFES, IISE, INFORMS and SME) have achieved gold, silver and cum laude status in the last year.



### NATIONAL PUBLIC RANKING

U.S. News & World Report

**#5**

Undergraduate

**#5**

Graduate



### DEGREES CONFERRED

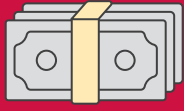
Conferred year 2023-24

**105**

Undergraduate

**69**

Graduate



**STARTING SALARY**  
(approximate per year)

**\$76K+**  
Undergraduate



**DEGREES OFFERED**

**BS, MS, PhD**  
Industrial engineering



**RESEARCH AREAS**

- Operations Research, Optimization, and Analytics
- Health Systems Engineering
- Human Factors and Ergonomics
- Advanced Manufacturing and Industrial AI

**RESEARCH FACILITIES**

- Center for Health Enhancement Systems Studies (and Research Consortium)
- Occupational Ergonomics and Biomechanics Laboratory
- Internet of Things Systems Research Center
- NeuroErgonomics Laboratory
- Flexible Electronics and Additive Printing (FEAP) Laboratory
- Flexible and Dynamic 4D Printing Laboratory
- Ergonomics and Computational Human Operations (ECHO) Laboratory



**PLACEMENT**  
(approximate per year)

**98%**

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



**RESEARCH FUNDING**

**\$10M+**

Total value of research expenditures in 2024



**ACCOMPLISHED FACULTY**

**#1**

Among peers in the Faculty Scholarly Productivity Index

**#2**

Among peers in per-faculty research dollars

Visit our site



**Shiyu Zhou**

David H. Gustafson Department Chair

(608) 262-2686  
chair@ie.wisc.edu



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