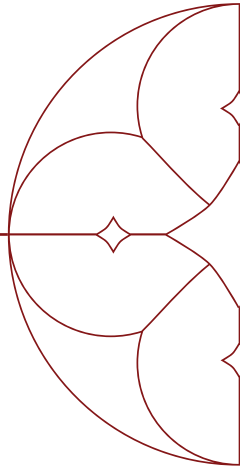




SCHOOL OF INDUSTRIAL AND SYSTEMS ENGINEERING



Industrial and Systems Engineering at OU provides outstanding education and experiences to students, for global, national, and regional leadership in the design, analysis and improvement of integrated systems. We prepare students to provide systems solutions that reduce costs, increase productivity, improve quality, and enhance the well being of society. Our graduates are employed by a diverse array of industries to include manufacturing, healthcare, distribution, transportation, and consultancy.

BY THE NUMBERS

\$74,151

Average starting salary for OU ISE graduates

98%

Employment Rate of ISE Students

17:1

Student to Faculty Ratio

MAJORS

- Industrial and Systems Engineering
- Industrial and Systems Engineering: Analytics
- Industrial and Systems Engineering: Pre-Medicine

Accelerated (5-year) Dual Degree Programs

- B.S./M.S. Industrial and Systems Engineering
- B.S. Industrial and Systems Engineering: Analytics/M.S. Industrial and Systems Engineering
- B.S. Industrial and Systems Engineering/M.B.A.
- B.S. Industrial and Systems Engineering: Analytics/M.S. Data Science and Analytics

CONTACT US

(405) 325-3721
 Carson Engineering Center, Rm. 124
www.ou.edu/coe/ise
 For general questions:
goengineering@ou.edu



Celeste at her internship with Northrop Grumman in California.

“Pursuing Industrial and Systems Engineering has given me more than just an engineering degree– it has enhanced my way of thinking. The unique curriculum teaches you how to utilize tools such as statistics, programming, mechanics, data analytics, ergonomics, and economics for the optimization and efficiency of all types of systems and processes. OU ISE has prepared me for jobs in tech, business, healthcare, or even in amusement parks! But my favorite part about it all is the people– the professors who teach wholeheartedly, the people in the systems we are improving, and the students who make a classroom feel like a community.”

– Celeste Ferman, ISE Class of 2024



THINGS TO KNOW

1 Our students gain significant hands-on practical experiences in the use of manufacturing machines, measuring instruments, optimization and simulation tools, and cutting-edge software. Significant opportunities exist for undergraduate and graduate research, through sponsored grants and contracts.

2 We offer a remarkable breadth of possibilities in career paths and opportunities for professionals in the field. This degree provides the ability to apply skills across industries, with expertise in optimizing processes and designing systems, data analysis and decision-making, project management capabilities, focus on continuous improvement, and an entrepreneurial spirit. These attributes enable students to navigate a vast array of professional avenues, making a meaningful impact wherever they choose to contribute.

3 Our faculty are among the best teachers in the college and university. They are passionately committed to your success within and outside classrooms. Our career placement and internship opportunities are among the very best in the country—placing students into a variety of industries. Others are pursuing graduate studies at Georgia Tech, Purdue University, and Massachusetts Institute of Technology. Many of our earlier class alumni are holding C-level positions at major corporations around the world.



Students participating in a class project at the Fabrication Lab at the Innovation Hub.

SELECT COURSES

- Production Systems and Operations
- Spreadsheet Decision Support Systems
- Data Driven Decision Making I & II
- Advanced Human Factors and Ergonomics
- Fundamentals of Engineering Economy

ISE STUDENT ORGANIZATIONS

- Institute for Operations Research and Management Sciences (INFORMS)
- Institute of Industrial and Systems Engineers (IISE)
- + over 40 engineering student organizations

CAREER PATHS

- United States Postal Service**
Palatine, IL
Operations Industrial Engineer
- Haliburton** Lafayette, LA
Supply Chain Management Rotational Engineer
- AT&T** Dallas, TX
Technical Business Manager
- Boeing** Oklahoma City, OK
Systems Engineer
- Boston Scientific** Arden Hills, MN
Industrial Engineer



Matthew Brooks, Avery Dickinson, and Megan Khoury compete in the Institute for Industrial Engineering Senior Capstone Competition in New Orleans. Their project "Re-examining SAP Exchange Systems" for Belcan Consulting finished in the Elite 8 in the nation-wide competition.