



Make Processes and
Systems Better with a
Graduate Degree
from OU ISE



GALLOGLY COLLEGE OF ENGINEERING
INDUSTRIAL AND SYSTEMS ENGINEERING
The UNIVERSITY of OKLAHOMA

Research Impact Domains



Cyber-Physical-Social Systems

Critical Infrastructure
—
Community Resilience
—
Advanced Sensing



Health and Medical Systems

Health Outcomes
—
Wearable Technologies
—
Healthcare Operations



Aerospace and Defense Systems

Smart Manufacturing
—
Process Monitoring
—
Supply Chains and Acquisition

Cross-Cutting Methodological Domains

SYSTEMS ENGINEERING

Design and Manufacturing Processes | Human Factors | Reliability

ANALYTICS

Predictive modeling | Optimization | Simulation | Decision Analysis | Computing

Financial Aid

Graduate assistantships and scholarships available for outstanding graduate students.

OU STUDENT FINANCIAL CENTER

SFC's goal is to simplify the financial aid process as much as possible, and to make sure students are always engaged and aware of the next step. Learn more at ou.edu/sfc



Exciting New Research Projects

- Digital twins for resilient infrastructure and communities
- Machine learning and optimization improved for supply chain performance
- Predictive modeling for community health monitoring and control
- Multi-person virtual reality for smart learning
- Additive manufacturing for rapid prototyping



Degrees

MASTER OF SCIENCE

We offer three M.S. options:

- Standard research-based thesis option
- Coursework-based non-thesis option
- Systems engineering-focused online option

DOCTOR OF PHILOSOPHY

We offer the opportunity to pursue research in a deeper way and work closely along side our diverse faculty with our Ph.D. degree.

STRIVING FOR A

Diverse and Inclusive Community

The OU School of ISE has 14 faculty, the most in ISE history, dedicated to enriching educational and research experiences.



Janet Allen

Professor



Charles D. Nicholson

Associate Professor



Kash Barker

Professor



Shivakumar Raman

Professor and Director



Doyle Dodd

Assistant Professor



Talayeh Razzaghi

Assistant Professor



Andrés González

Assistant Professor



Byeong-Min Roh

Assistant Professor



Zihong Kang

Associate Professor



Cesar Ruiz

Assistant Professor



Bill Klimack

Professor



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Contact Us

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