In 1965, the Department of Industrial & Systems Engineering (ISE) was established based on years of coursework with a focus in engineering and management. Since then, the department has consistently expanded its teaching and research missions to include other areas of ISE, such as optimization, information systems, and supply chain and logistics systems. Department excellence in these areas has allowed for recruiting of outstanding faculty and students who have enhanced the existing curriculum and made major research contributions.

Today, the department is highly ranked among public universities, and is creating new research concentration areas in data analytics and human systems, as well as developing new laboratories to support student hands-on learning and world-class research. The program is ABET-accredited and offers bachelor’s, master’s and doctorate degrees in ISE.

FACTS AT A GLANCE

UNDERGRADUATE STUDENTS

- Enrolled: 457
- Underrepresented Minorities: 29%
- Female: 48%

GRADUATE STUDENTS

- Enrolled: 158
- Underrepresented Minorities: 17%
- Female: 29%

Information sourced from ASEE’s “Engineering by the Numbers” 2017 report

CENTERS & LABS

HEALTH-ENGINE LAB - The High Quality Effective Affordable Lean Translational Healthcare Engineering Lab studies and develops innovative analytical solutions for effective and affordable healthcare practices.

CENTER FOR APPLIED OPTIMIZATION LAB - Promotes interdisciplinary applied research in discrete and network optimization among other applications.

COMPUTATIONAL & STOCHASTIC OPTIMIZATION LAB - Focused on modeling of large-scale, stochastic integer programs.

RISK MANAGEMENT & FINANCIAL ENGINEERING LAB - Provides a basis for interdisciplinary research on analysis of risk measures and risk management in financial and other applications.

SUPPLY CHAIN & LOGISTICS ENGINEERING CENTER - An interdisciplinary center focused on applied projects with industry partners.

HUMAN-SYSTEMS ENGINEERING LAB - Focused on quantitative models of human performance and design.

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