Design systems for autonomous surveillance and natural disaster response, cyberinfrastructure for space traffic, and technology for connected vehicles.

**RESEARCH FOCUS AREAS**
- Data analytics, informatics & machine learning
- Energy, water, environment & sustainability
- Health care systems
- Human factors & sociotechnical systems
- Optimization
- Smart transportation & manufacturing logistics
- Space, defense & security

**PROGRAM HIGHLIGHTS**
- Highly ranked programs
- 10 distinct graduate tracks
- Online MS and graduate certificates
- Flexible interdisciplinary curriculum
- High-profile research and valuable internships
- Hispanic-serving Institution

**DEGREES**
- PhD Systems & Industrial Engineering
- MS Engineering Management (online options)
- MS Industrial Engineering (online options)
- MS Systems Engineering (online options)

**CERTIFICATES**
- Engineering Management
- Quality & Reliability Engineering
- Systems Engineering

**TOP 25**
Industrial/systems/manufacturing grad programs
(U.S. News & World Report 2022)

**NATION’S FIRST**
Academic systems engineering program

"The opportunity to work on a NASA-funded mission while obtaining a graduate degree seemed too good to be true. I am part of a mission that will directly enhance our knowledge of the solar system – all while still being in school."
- Kristofer Drozd, PhD student

**CONTACT**
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Program Coordinator
graduateadvisor@sie.arizona.edu
520.626.4644

**APPLICATION DEADLINES**
- Fall: January 15
- Spring: June 1

**FUNDING OPTIONS THROUGHOUT DEGREE LIFECYCLE, INCLUDING:**
- Four-year SIE scholarship
- Research/teaching assistantships
- Fellowship awards

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GRADUATE STUDIES
Getting parts and people to work well together
With industrial engineering, the beauty is that you can expand to almost all engineering areas, and it encourages collaboration. It can be applied to a variety of other disciplines.

- Hongyue Jin, assistant professor

Faculty Expertise

Hannah Budinoff – hdb@arizona.edu
- design for manufacturing, additive manufacturing, engineering design and design methodology, engineering education, sustainable manufacturing

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- stochastic programming, robust and distributionally robust optimization, semidefinite and copositive optimization, network design and energy management

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