

College of Engineering

# ENGINEERING MANAGEMENT

## Combining Business & Engineering

In this top-ranked program, students prepare to lead the way in high-tech industries. Undergraduates gain business skills and engineering design knowledge, positioning themselves for careers in quality engineering, technical sales and marketing, project and construction management, and reliability engineering. Many go on to start their own firms.



## SELF-DIRECTED ACADEMICS

Students immerse themselves in business education while also focusing on a specific engineering major. Coursework prepares them to translate customer needs into new technologies and foster international ties for success in the global economy.

## REWARDING CAREER PATHS

Engineering management offers a median salary over \$152,000, according to the Bureau of Labor Statistics. UA engineering management graduates work for companies like ExxonMobil, General Dynamics, Raytheon and Trane.



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## EXCELLENCE IN EDUCATION & RESEARCH

UA engineering management students join experienced faculty in researching all aspects of business management, including:

- Cost estimation and optimization
- Supply chain management
- Data management
- Human factors engineering
- Computer integrated manufacturing



“ Having helpful faculty and people who are willing to go the extra mile to help you is really beneficial. ”

*Alum Elizabeth Seader, Raytheon Technologies*

## LEARNING FROM EXPERIENCE

Outside the classroom, students participate in a variety of activities to build leadership skills and prepare for the workforce.

- Entrepreneurship program to create an investor-ready business venture
- Paid internships with longtime industry partners
- Formal networking opportunities with faculty, alumni and industry
- Senior design projects with experienced industry mentors
- Research opportunities and field experience
- Student chapters of professional organizations
- Student clubs, such as the American Society for Engineering Management, and national competitions

## A PLACE FOR EVERYONE

Various engineering clubs – American Indian Science & Engineering Society; National Society of Black Engineers; Out in Science, Technology, Engineering, and Mathematics; Society of Hispanic Professional Engineers, and Society of Women Engineers, for example – help ensure all students feel welcome and connected.

“ The UA provided me with so many opportunities. You need to figure out ‘How do I learn the appropriate skills and coordinate with people to get the job done?’ I think that’s something the college did an excellent job on. ”

*Alum Ryan Kanto, cofounder, Quantum Spirits*



### Recruiting and Admissions

520.621.6032 – [engr-admissions@arizona.edu](mailto:engr-admissions@arizona.edu)

### Advising

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