

# ENGINEERING MANAGEMENT

## Engineer your way to the top.

Engineering managers oversee major projects, facilities, teams, and businesses.

Engineering management students will develop engineering skills, knowledge, and expertise, along with the understanding of business and management techniques, strategies, and concerns. This major is well-suited for students who see themselves in corporate engineering management positions, as well as those who want to become entrepreneurs.



**“UIC’s classes have ensured that my transition into my career was smooth by incorporating several simulation projects and good mentoring. It included teaching us how to interact with companies and colleagues. These skills helped me secure the career I’ve always wanted.”**

**Uday Ghatge**, Engineering Management '22  
Jr. Quality Engineer, MultiTech Industries Inc.

### Combine your engineering and business skills

Engineering management graduates can combine systems engineering and business skills to manage and improve complex and integrated systems across industries in the fields of healthcare, manufacturing, energy, entertainment, and many more.

Recent UIC engineering management students gained insight during a linear regression course when they looked at the correlation between how well all the National Hockey League teams performed during the season and how well they sold tickets the following season.

Visit [go.uic.edu/em-major](https://go.uic.edu/em-major) to learn more about major requirements, courses, and internships.



### PLANNING YOUR MAJOR

What types of courses will engineering management majors take? UIC's program lays the foundation for your future career through a mix of courses from the College of Engineering and UIC Business.

- ▶ ACTG 211: Introduction to Managerial Accounting
- ▶ IE 201: Financial Engineering
- ▶ IE 365: Work Productivity Analysis
- ▶ IE 442: Design and Analysis of Experiments in Engineering
- ▶ MGMT 350: Business and Its External Environment
- ▶ MGMT 360: Introduction to Marketing

**With an engineering management degree, you might:**



Plan and coordinate engineering projects




Oversee the research and development of new products



Design systems to optimize business





# Chicago is where you will rise.



**Engineering Management**

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