

## College of Engineering Program Requirements (14-17 credit hours)

### Core course requirements (11 credit hours)

- CHY 121/123: Chemistry 1 OR PHY 121: Physics for Engineers and Physical Scientists I
- ENG 101: College Composition
- MAT 126: Calculus

### Recommended gen eds (choose 1-2 courses)

- CMJ 103: Public Speaking
- ECO 120: Microeconomics
- ECO 121: Macroeconomics
- GEO 100: World Geography
- HTY 103: US History 1
- MUL 101: Art of Listening to Music
- POS 100: American Government
- PSY 100: General Psychology
- SOC 101: Intro to Sociology
- WGS 101: Intro to Women's, Gender, and Sexuality Studies

The Early College Engineering Pathway may lead to programs in a variety of majors including the following:

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Construction Engineering Technology
- Electrical Engineering
- Electrical Engineering Technology
- Engineering Physics
- Mechanical Engineering
- Mechanical Engineering Technology
- Surveying Engineering Technology

Completion of these majors allow students to pursue graduate studies or careers in the following fields:

- Aerospace Engineering
- Architectural & Engineering Management
- Chemical & Pharmaceutical Engineering
- Civil Engineering
- Computer & Information Systems Management
- Construction Management
- Electrical & Electronics Engineering
- Industrial Engineering
- Mechanical Engineering
- Robotics and Automotive Engineering
- Software Developing & Programming



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