

MECHANICAL ENGINEERING

BS | 30 COURSES

**PREPARING FOR YOUR FIRST JOB +
THE FUTURE OF WORK**

IN THIS MAJOR YOU'LL LEARN TO:

- Apply knowledge of mathematics, science, and engineering
- Design and conduct experiments, interpret and analyze data
- Design systems, components, and devices to meet engineering needs in light of functional, economic, environmental, social, political, ethical, health, safety, manufacturability, and sustainability constraints
- Function on multidisciplinary teams
- Identify, formulate, and solve engineering problems
- Use the techniques, skills, and modern engineering tools necessary for engineering practice

And so much more! Faculty and advisors are here to help you get the most out of your program and how it may apply to different career paths

TOP SKILLS EMPLOYERS WANT:

Problem-Solving
Teamwork
Critical thinking
Analyze + interpret data
Adaptability + resiliency
Written + verbal communication
Ethical judgement + reasoning
Intercultural fluency
Creativity
Leadership

A lot of people said so: World Economic Forum, McKinsey Consulting future of work report, National Association of Colleges + Employers, UR College Competencies

WHERE MECHANICAL ENGINEERING MAJORS END UP

Research & Development
Graduate Studies
Management Consulting

Aerospace
Product Design
Manufacturing

Automotive
Government & Defense
Materials & Metals

Based on real UR student + alumni data!

WAYS TO TELL YOUR STORY:

Resources to help you tell your UR story!

- Your Greene Center advisor
- Resume + Handshake profile
- LinkedIn + Mel Collective profiles
- Practice interviews
- A flexible and evolving plan
- Talk to people! Friends, family, advisors, faculty, alumni... it will help you refine your story!

HOW TO BUILD THESE SKILLS:

- Get an on-campus job
- Take a skill development course
- Pursue an internship
- Conduct research with a faculty member
- Volunteer in the community
- Get involved in student organizations
- Do a virtual project
- Be curious and try new things

*Not sure where to start?
The Greene Center can help!*

