

SHILEY SCHOOL OF ENGINEERING



WHAT CLASSES WILL YOU TAKE?

The Shiley School of Engineering prepares graduates who will:

1. Be successful as practicing professionals in **diverse career paths** or in graduate school.
2. Distinguish themselves in breadth of perspective and the ability to solve **complex problems**.
3. Be effective communicators and team members, with many assuming leadership roles.
4. Be active in their profession and participate in continuing education opportunities to **foster personal and organizational growth**.
5. Be able to advance, engage and respond to issues of **justice, ethics, diversity, equity and inclusion** in professional and civic settings.

Coursework will include topics such as Engineering Systems, Materials, Economics, Design, and much more!

STUDENTS IN ENGINEERING HAVE...

- Diverse career paths
- Consistently **strong employment outlook**
- Many leadership and experiential learning opportunities outside the classroom
- Access to **entrepreneurship programs**, research projects, Co-Op internship programs and studying abroad
- Coursework and projects that emphasize **teamwork, experimentation, and innovation**



LIST OF MAJORS

Civil Engineering (BSCE)
Computer Science (BSCS)
Electrical Engineering (BSEE)
Environmental Engineering (BSENVE)
Mechanical Engineering (BSME)

WANTING TO DECLARE?

While you need to be **officially admitted** to the School of Engineering to declare, you should begin taking the mentioned **prerequisites as soon as possible** to ensure you graduate in a timely manner. It is strongly encouraged to meet with an Engineering academic advisor **early on** to create a long-term academic plan.

Recommended Introductory Classes for Fall:

- EGR 110 Intro to Engineering
- CHM 207/277 General Chemistry with Lab (EGR interested students)
- CS 203/273 Intro to CS with Lab (CS-interested students)
- MTH 112* Precalculus II or MTH 201** Calculus I

**Students beginning in MTH 112 declaring ME, CE, EVE, or EE should assume a 5-year graduation timeline*

***Performance in MTH 201 is highly weighted in consideration of applications to the major*



Have questions? Contact
neal@up.edu or **johnslin@up.edu**

Where are **engineering students** doing **INTERNSHIPS?**

HAVE CAREER QUESTIONS?

Contact

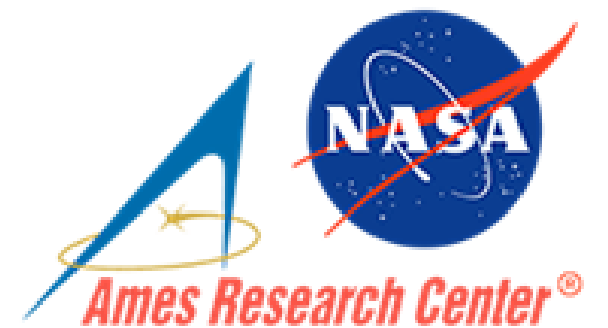
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