DESIGN YOUR JOURNEY



College of Engineering

Department of Electrical Engineering

Bachelor of Science in Electrical Engineering

	Beginning the Journey	Trailblazing the Path	Destination Graduation

EDUCATE	- Familiarize yourself with your degree plan.
	- Meet with your advisor once a semester to ensure you're on track for graduation.
	- If you are a freshman student, transition from freshman advising to department advising*.
	  - Freshman advising
	  - Department advising
	- Complete UNIV 1131 or EE 1201 to learn about all of the resources available to you & to prepare you to succeed in your major.
		- Complete your pre-professional courses and get admitted to the professional program.
		- Ask Pauline Mason about our Fast Track Master's Program.
		- Use your flowchart to plan what classes you want to take in the future. Use the catalog to find course descriptions.
		- Consider adding a minor or certificate to your degree
			- Talk to Dr. Ioannis Schizas about grad school.
			- See Pauline Mason to set your graduation semester for graduation and commencement.
			- Apply for graduation and commencement through MyMav.
			- If you're an international student and need a full-time waiver or OPT form signed, you must see an advisor to have it approved.

ENGAGE	- Participate in the Dean's Challenge. - Join IEEE and other EE organizations so you can get to know your peers, begin to make industry connections, pursue your interests, and have fun! - Join a UTA club or a general engineering organization so you can get involved on campus and meet new people. - Visit the International Student Center to learn about study abroad opportunities, clubs, on-campus events, and spring break community impact. - Apply to join the Honors College.	- Go to yearly SPAC conference sponsored by IEEE. - Contact the Center for Service Learning for volunteer opportunities. - Contact the Center for Service Learning for volunteer opportunities. - Look into becoming an SI leader or tutor, or working at the IDEAS Center - Participate in the Big Event in our local community. - Interested in getting your PhD? Look into the McNair Scholars Program. Talk to Dr. Weijen Lee about direct-to-PhD program. - Talk with EE faculty members about undergraduate research	- Present your research at Innovation Day. - Ask a professor about getting involved with the work going on in their labs. - Attend a conference for the field you want to work in. - Attend a conference for the field that you want to work in. - Take on a leadership position in a student organization, such as IEEE, SWE, AASE, Eta Kappa Nu, or WEE among others.
EXCEL	- Attend the College-to-Career orientation session with Career Services and fill out the career fields of interest forms. - Speak with Career Services about on-campus and summer job opportunities. - Create a resume so you can work on building it up before you get to graduation. - Create an account on Handshake to look for a job on or off campus.	- Carole Coleman is the internship and co-op coordinator for the College of Engineering. Contact her for information on these once you've met the requirements. - Attend a College of Engineering Speed Mentoring event. Attend the College of Engineering Career Fair to network and learn more about companies. It's a great way to find employment and internship opprotunities every semester. - Join MavMentors.	- Finalize your resume so that you are ready to hand it out at job fairs. - Setup a mock interview with the Career Development Center. - Attend the All-Majors Job Fair. - Complete The Job Search course on Canvas. - Talk to a faculty member about the field that you want to go into and what you can do to be a competitive candidate.

* You can ask your freshman advisor about what these requirments are



MAVERICK ADVANTAGE

Be Bold. Be Ambitious. Set Yourself Apart.

CAREER DEVELOPMENT

- Internships/Co-Ops
- College of Engineering Career Fair
- College of Engineering Speed Mentoring
- All Majors Job Fair
- MavMentors

GLOBAL ENGAGEMENT

- Global Grounds
- Global Mavericks Program
- Study Abroad

LEADERSHIP DEVELOPMENT

- UTA Organizations
- College of Engineering Organizations
- Leadership Minor
- Student Governance
- Fraternity & Sorority Life

COMMUNITY ENGAGEMENT

- Dean's Challenge
- The Big Event
- UTA Volunteers

UNDERGRADUATE RESEARCH

- Innovation Day
- McNair Scholars
- Get Involved With Our Research Labs

College of Engineering

Nedderman Hall, Room 518, 416 Yates Street

P: 817-272-25671 | F: 817-272-3784 | uta.edu

THE UNIVERSITY OF TEXAS AT ARLINGTON



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What career options do I have with this major?

- Engineering Design
- R&D
- Manufacturing
- Technical training
- Sales and marketing
- Project/ Technical Lead

Workforce Skills

- Critical Thinking: Analyze issues, make decisions, and overcome problems by using sound reasoning before forming a strategy, decision, or opinion.
- Professionalism: Display effective work habits, high integrity, and ethical behavior. Possess the ability to demonstrate skills confidently and apply talents to achieve professional success.
- Teamwork/Collaboration: Work within a team and foster collaborative relationships with peers and supervisors. Use interpersonal skills to demonstrate respect and dignity for others while working toward a common goal.

Career Readiness

- Ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathmetics
- Ability to apply engineering design to produce solutions that meet specified needs
- Ability to communicate effectively with a range of audiences
- Ability to function effectively on a team
- Ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements
- Ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions
- Ability to aquire and apply new knowledge as needed, using appropriate learning strategies

Take Action

- Explore workforce skill development through on and off-campus activities
- Engage with the UTA Career Development Center at uta.edu/careers
- Meet with a career consultant
- Network with employers
- Discover internships and co-ops
- Apply for on-campus employment
- Join Handshake, our career services platform
- Participate in career development programs
- In addition, all students must complete a senior desogn project

Visit **www.uta.edu/student-success/major_maps** for the latest version of this major map.

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