DESIGN YOUR JOURNEY



College of Engineering

Department of Electrical Engineering

B.S. in Resource and Energy Engineering

Beginning the Journey

EDUCATE

- Familiarize yourself with your EE 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*.
- Complete UNIV 1131 or EE 1201 to learn about all of the resources available to you & to prepare you to succeed in your major.

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.

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.

Trailblazing the Path

EDUCATE

- Complete your pre-professional courses and get admitted to the professional program.
- Ask LaTausha Button 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.

ENGAGE

- Go to yearly SPAC conference sponsored by IEEE.
- Contact the Center for Service Learning for volunteer opportunities.
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- 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

EXCEL

- 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.

Destination Graduation

EDUCATE

- 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

- Present your research at Innovation Day.
- Ask a professor about getting involved with the work going on in their labs.
- Attend speaker and special events such as IEEE MetroCon.
- 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

- 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.



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

Department of Electrical Engineering

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THE UNIVERSITY OF TEXAS AT ARLINGTON

FIND YOUR CAREER



College of Engineering

Department of Electrical Engineering

B.S. in Resource and Energy Engineering

What career options do I have with this major?

- Engineering Design
- R & D
- Manufacturing
- Technical Training
- Sales and Marketing

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.

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

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

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

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