DESIGN YOUR JOURNEY



College of Engineering

Department of Industrial, Manufacturing and Systems Engineering

Bachelor of Science in Industrial 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 ENGR 1101 to learn about all of the resources available to you & prepare you to succeed in your major.
		- Complete your pre-professional courses and get admitted to the professional program.
		- Speak with advisor for approval of technical electives.
		- 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.
			- Get approval from advisor to register for Senior Capstone Project.
			- See advisor in your final semester
			- Apply to graduate 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 a College of Engineering professional organization 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.	- 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. - Interested in getting your PhD? Look into the McNair Scholars Program.	- Present at Innovation Day. - Ask a professor about getting involved with the work going on in their labs. - Attend a conference for the field that you want to work in. - Take on a leadership position in a student organization.
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.	- 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 requirments. - 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

Woolf Hall, Room 204 500 West First Street

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THE UNIVERSITY OF TEXAS AT ARLINGTON

FIND YOUR CAREER



College of Engineering

Department of Industrial, Manufacturing and Systems Engineering

Bachelor of Science in Industrial Engineering

What career options do I have with this major?

- Manufacturing
- Simulation
- Inventory Control
- Human Factors
- Production Control

Workforce Skills

- Creativity/Ingenuity: Synthesize existing ideas and concepts in innovative and creative ways to develop new ways of thinking or working and engage in divergent thinking and risk taking.
- Critical Thinking: Analyze issues, make decisions, and overcome problems by using sound reasoning before forming a strategy, decision, or opinion.
- Leadership: Take initiative, demonstrate effective decision making and informed risk-taking, and motivate and encourages participation from others to work toward a shared vision.

Career Readiness

- Creativity
- Critical thinking
- Evaluating Data and Problem Solving
- Listening Skills
- Math Skills
- Problem Solving and Writing/Speaking skills

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 Capstone project

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

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