

PLAN FOR SUCCESS



College of Engineering

Department of Civil Engineering

Bachelor of Science in Architectural Engineering

Bachelor of Science

1st Year

Fall Semester

UNIV 1131 OR ENGR 1101
ARCH 1301
AREN 1205
MATH 1426
ENGL 1301

Spring Semester

AREN 2252
IE 2308
LANG/PHIL/CULT
MATH 2425
PHYS 1443

Summer (Optional)

HOURS 29

2nd Year

Fall Semester

ARCH 2341
AREN 2311
HIST 1301
MATH 2326
PHYS 1444

Spring Semester

ARCH 3357
AREN 2313
AREN 2315
CHEM 1465
COMS 2302

Summer (Optional)

HOURS 32

3rd Year

Fall Semester

ARCH 3551
AREN 3213
HIST 1302
AREN 3341
MATH 3319

Spring Semester

ARCH 3336
AREN 3311
AREN 3314
AREN 3343
AREN 3143
AREN 3347

Summer (Optional)

HOURS 32

4th Year

Fall Semester

AREN 3331
AREN 4346
AREN 4348
AREN 4352
POLS 2311

Spring Semester

TECHNICAL ELECTIVE
AREN 3301
AREN 4383
POLS 2312

SENIOR HOURS 27

TOTAL HOURS 120

College of Engineering

634 Nedderman Hall Box 19019 | 416 Yates Street

P: 817-272-2561

F: 817-272-2630 | uta.edu



THE UNIVERSITY OF TEXAS
AT ARLINGTON

DESIGN YOUR JOURNEY



College of Engineering

Department of Civil Engineering

Bachelor of Scienc

Beginning the Journey

Trailblazing the Path

Destination Graduation

MAVERICK ADVANTAGE

Be Bold. Be Ambitious. Set Yourself Apart.

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 & to prepare you to succeed in your major.

EDUCATE

- Complete your pre-professional courses and get admitted to the professional 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.

EDUCATE

- Discuss the Fast Track program for the CE master's degree specializing in structures with your advisor.
- 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 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 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.

ENGAGE

- Join UTA's Architectural Engineering Institute (AEI) student chapter so you can network with others in your major.
- 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.

ENGAGE

- Present at Innovation Day.
- Ask a professor about getting involved with the work going on in their labs.
- Attend the Architectural Engineering Institute Conference or Forum.
- 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.

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 opportunities every semester.
- Join MavMentors.

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.
- Take the Fundamentals of Engineering exam.



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



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

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College of Engineering

Department of Civil Engineering

Bachelor of Science

What career options do I have with this major?

- Architectural Engineering
- Structural Engineering
- Construction Management
- Project Management
- Civil Engineering
- Infrastructure Engineering
- CAD Manager
- Building Information Management (BIM) Specialist
- Building Design Assistance

Workforce Skills

- Critical Thinking: Analyze issues, make decisions, and overcome problems by using sound reasoning before forming a strategy, decision, or opinion.
- Leadership: Takes initiative, demonstrates effective decision making and informed risk taking, and motivates and encourages participation from others to work towards a shared vision.
- 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 Find Effective Solutions
- Ability to Work Well in a Team
- Analytical Skills
- Critical Thinking
- Detail Oriented
- Leadership
- Project Management
- Time Management 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

Visit uta.edu/majormaps for the latest version of this major map.