Chemical Engineering

**Bachelor of Chemical Engineering**

### Freshman
- Gateway Courses: MATH 1610/1620, CHEM 1110/1120, PHYS 1600, ENGR 1110/1100
- Consider a minor and/or specialization.

### Sophomore
- Gateway Courses: CHEN 2100/2610, 2AAO, ENGR 2010, MATH 2630/2650, MATLAB
- Courses: CHEN 3600/3620/3370/3AAO/3650/3700/3820.
- Begin taking courses for specialization and/or minor.

### Junior
- Course: CHEN 4170/4450/4460/4860/4470.
- Complete courses for specialization and/or minor.

### Senior
- Have your credit check done the semester before graduation.
- Courses: CHEN 4170/4450/4460/4860/4470.
- Complete courses for specialization and/or minor.

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**ASK FOR ASSISTANCE**

- Meet with Academic Advisors every semester before registration.
- Pre-Med Students also meet with Pre-Health Advisors in COSAM.
- Get help from Tutors, as needed: Engineering Student Services, Omega Chi Epsilon, Study Partners.
- Attend SI Sessions if available.
- Inquire about Study Abroad.

**GAIN EXPERIENCE**

- Talk to professors about specific areas of interest.
- Volunteer with American Institute of Chemical Engineers (AIChE) and other engineering organizations.
- Gain experience with the CHEN Car Team.
- Interview for Co-Op opportunities or internships. Begin Co-Op or Summer Internship.
- Use Tiger Recruiting Link (TRL) to explore employers actively hiring in your field and search part-time jobs that can add experience to your resume (jobs.auburn.edu).
- Continue Co-Op, Internships.
- Attend the STEM Career Expo, All Majors Career Fair and/or the Graduate and Professional School Fair.
- Explore undergraduate research (auburn.edu/undgres).
- Continue ongoing research or look for opportunities to begin if needed.
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**GET INVOLVED**

- Join AIChE, Technical Association of the Pulp and Paper Industry (TAPPI), and Alpha Epsilon Delta (AED) to learn more about major, meet other students in major and meet professionals.
- Be an officer or committee member in the organizations that you have joined.
- Join the Car Team or other engineering focus groups.
- Utilize AU Involve to identify organizations of interest to attend meetings and enhance your resume.
- Stay involved in campus and professional organizations.
- Network with professionals through industry organizations.
- Attend AIChE Conferences and submit proposals to be a presenter.

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**PATHWAYS | Chemical Engineering**

**Career Planning**

Auburn University Career Center
303 Mary Martin Hall | auburn.edu/career
Chemical Engineers are trained to use chemistry, physics, biology and engineering principles to solve real-world problems, whether they involve energy, medicine, nanotechnology or sustainability. It is an academically rigorous program and competitive entry into the field will require a strong GPA coupled with experience. Seek these opportunities often.

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**Refining Chemical Engineer**

Minimum Education: B.Ch.E.
Entry Level Salary Range: $77.0K - $90.0K

**Process Engineer**

Minimum Education: B.Ch.E.
Entry Level Salary Range: $72.0K - $70.0K

**Petroleum Engineer**

Minimum Education: B.Ch.E.
Entry Level Salary Range: $80.0K - $99.0K

These are just three options out of many that chemical engineering majors pursue. For more career options be sure to check out “What Can I Do With a Major In…” on auburn.edu/career.