

Chemical Engineering

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Q: Who are the Faculty/Major advisors?

A: Class of 2017 Lawrence Pratt lr Pratt@tulane.edu and Julie Albert jalbert6@tulane.edu. Class of 2018 Hank Ashbaugh hanka@tulane.edu and WT Godbey godbey@tulane.edu. Class of 2019 Kyriakos Papadopolous Kyriakos@tulane.edu and Kim O'Connor koc@tulane.edu. Class of 2020 Nich Sandoval nsandova@tulane.edu and Brian Mitchell brian@tulane.edu. Transfer advisor Kyriakos Papadopolous and Study Abroad advisor Brian Mitchell.

Q: What is the process for declaring a major?

A: This is typically done in the sophomore year. Students must turn in a Major Declaration form and meet with an advisor. The form can be obtained from the Academic Advising Center.

Q: Can Students study abroad?

A: Yes. Given the number of sequencing of required courses for the major students should plan their study abroad experiences carefully. Consult with your departmental advisor before planning to study abroad. International research experiences during the summer are much easier to schedule, less costly, and just as rewarding. Interested students should consult with the department.

Q: Does TU have a graduate program in this area?

A: The department does have a combined 4+1 BS/MS program, in which a student can complete their MS (non-thesis) in twelve months and both degrees are awarded simultaneously. While a MS in Chemical Engineering is not necessary to get a job, there are some students who due to logistical issues or other constraints might find this program to fit with their personal/development needs.

Q: Are there any professional organizations affiliated with this major?

A: Yes. The American Institute for Chemical Engineers has a strong student chapter at Tulane. Members of the department are also members of the Society for Women Engineers, as well as Theta Tau, a professional engineering fraternity, and the Society for Black Engineers.

Q: When should students apply for internships?

A: Because of the financial calendar for many companies, the interview process typically takes place in the fall. That means that students should have their resumes ready to go at the beginning of the school year. A student is more likely to obtain an internship after the sophomore and junior years. Juniors in particular should be ready to apply by the beginning of September.

Q: Are Internships the only thing students do in the summer?

A: An alternative to an internship experience is a Research Experience for Undergraduates (REU). These provide opportunities for students to travel to another institution for ~10 weeks in the summer to work in a research laboratory. Students can find out about REU opportunities at <https://www.nsf.gov/crssprgm/reu/>

Q: Where do your graduates go?

A: Virtually anywhere. About 2/3 of our graduates go into industry, in fields ranging from petroleum, specialty chemicals, or polymers, to food science, pharmaceuticals, or biomedical startup companies. The ~ 1/3 who go on for more education go into graduate (Ph.D.) programs in chemical engineering, biomolecular engineering, biomedical engineering, or into professional programs such as medical or law school. Still others have entered business school and/or opened their own startup companies.

Q: How will the department assist me in my job search?

A: Securing a job is the responsibility of the individual. However, companies visit the campus throughout the fall semester to recruit our seniors. In addition, our department may take groups of students to meet potential employers in other locations. The professional organizations mentioned earlier can also be avenues by which students can be directed to employers who are seeking graduating seniors in Chemical and Biomolecular Engineering.