INTRODUCTION TO THE MAJOR

The Chemical Engineering major equips students for professional work in development, design, and operation of chemical processes and of process equipment, as well as preparing students for graduate study. The program incorporates both breadth requirements and a technical curriculum to ensure that students develop a foundation in engineering and science along with developing the skills to write clearly, persuasively, and read critically and effectively.

Students go on to careers of leadership and innovation in chemical engineering and related fields, and expand the base of engineering knowledge through original research and creating new technologies that can benefit the public. The program is accredited by the Engineering Accreditation Commission of ABET.

STUDY OPTIONS

Students can pursue a concentration in biotechnology, chemical processing, environmental technology, materials science and technology, applied physical science, and business and management.

Students can also choose to pursue a joint major with the College of Engineering in Materials Science or Nuclear Engineering, or a simultaneous degree in Business Administration through the Haas School of Business.

AMPLIFY YOUR MAJOR

- Apply to the Chemical and Chemical Engineering Scholars Program to be an Undergraduate Student Instructor.
- Join a ChemE student organization such as AICHE, Aurum Cosmetics, Biofuels Technology Club, or ChemE Car.
- Present your research at the College of Chemistry poster session in April.
- Apply to the CBE Innovation Incubator, a lab to conduct student-directed projects.

"Chemical engineering allows you to craft elegant solutions to seemingly unsolvable problems—the program and faculty will transform you."
— Aditya Nandy, recent graduate