

CHEMICAL & BIOMOLECULAR ENGINEERING, MINOR

Chemical Engineers apply concepts from the physical sciences (chemistry and physics) and life sciences (biochemistry and microbiology) to the design and optimization of processes for the efficient production of products ranging from fuels and chemicals to pharmaceuticals to advanced materials. Penn's chemical engineering department provides students with both a strong foundation in engineering fundamentals and exposure to modern chemical engineering technologies. The program's versatility allows our students to excel in diverse careers in the chemical industries, research, medicine, law, government, and education.

Chemical and Biomolecular, Minor

Code	Title	Course Units
Electives		
Select 6 CBE Courses ¹		6
Total Course Units		6

¹ The Minor in Chemical and Biomolecular Engineering consists of six engineering courses in CBE selected with the approval of the Undergraduate Curriculum chair.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2023 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.
