

September 2020
B.S. in Chemical and Biological Engineering
Engineering Elective List

All BS CBE students are required to complete 48 credits of engineering coursework. As part of this requirement, each student must complete at least 3 credits of an engineering elective.

Eligible engineering elective courses are listed below. Students should choose the engineering elective to reinforce basic engineering concepts and to explore important engineering subjects aligned with the CBE major.

New courses appear frequently, and some may be eligible for inclusion in this list. If you are interested in a course not listed below, you must have it approved as an engineering elective before the start of the semester. Engineering electives must be at the 200 level or higher and must contain significant engineering content.

All the most current engineering elective choices can be found in the CSU catalog at this URL: <https://col.st/F4Uft> (case sensitive)
(Colorado State Catalog, Major in Chemical and Biological Engineering, degree requirements).
You will need to scroll down past the regular semester classes

Independent Study/Thesis

Independent study credits can be earned through one or more of the following courses:

BIOM 486, Biomedical Clinical Practicum

ENGR 298, Undergraduate Research

ENGR 498, Undergraduate Research

CBE 495, Independent Study

HONR 499, Honors Thesis

Independent study credits from BIOM 486, ENGR 298/498, and CBE 495 may count toward the requirements for engineering content. However, a plan for the independent study, including the topic, activities, and outcomes (e.g., research paper), must be prepared and approved by the Director of Undergraduate Studies, Dr. Reardon, prior to the start of the semester in which the course is taken. *A maximum of three credits toward the program requirements may be earned through independent study.*