

Chemistry/Science/Technical Electives for Chemical and Biomolecular Engineering Fall 2016

Science Electives

BCHS 3304 General Biochemistry** is commonly taken as a science elective, but any CHEM, PHYS, BIO, or BCBS courses at the 3000 level or above or a pre-approved NSM course at the 3000 level or above can be taken (please check with an advisor (Fleischer) to ensure its acceptance). A petition is required to ensure it will be counted toward the degree plan.

Chemistry Electives

CHEM 3369 Analytical Chemistry.

Or any CHEM course 3000 level or above not already counted in the degree plan. Please note that CHEM 4370 is a duplicate of our CHEE 3466 class so it cannot count towards the degree.

Technical Electives

Examples include:

CHEE 5319 Introduction to Nanotechnology

CHEE 5323 Fundamentals of Tissue Engineering

CHEE 5368 Chemical Process Economics I

CHEE 5397 Advanced Wastewater

CHEE 5377 Introduction to Polymer Science

PETR courses at the 3000 level or above

Or courses in other engineering departments, or within CHEE (eg. Honors thesis, research with a faculty member) with consent of the CHEE Faculty Undergraduate Advisor (Fleischer). A petition is required to ensure it will be counted toward the degree plan.

Petroleum Engineering has an over-crowding situation. Students in CHEE may need to go on a waiting list. Please contact Anne Sturm.

**Students may take either BCBS 3304 or CHEM 4336. Credit will not be given for both courses. The science elective can be another chemistry course. A petition is required to ensure it will be counted toward the degree plan.