

Chemistry/Science/Technical Electives for Chemical and Biomolecular Engineering, Fall 2014

Science Elective

BCHS 3304 General Biochemistry

Or any CHEM, PHYS, BIO, or BCBS courses at the 3000 level or above. A petition is required to ensure it will be counted toward the degree plan.

Chemistry Electives

CHEM 3369 Analytical Chemistry

CHEM 4115 Inorganic Chemistry Lab II

Technical Electives

CHEE 5319 Introduction to Nanotechnology

CHEE 5368 Chemical Process Economics I

CHEE 5377 Introduction to Polymer Science

CHEE 5388 Catalytic Processes

CHEE 5323 Fundamentals of Tissue Engineering

PETR 3362 Reservoir Engineering 1

PETR 3318 Well Drilling and Completion

PETR 3372 Petroleum Production

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 (Epling). A petition is required to ensure it will be counted toward the degree plan.

Petroleum Engineering has an over-crowding situation. Students in CHE ENG 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.