

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

Science Elective

**BCHS 3304 General Biochemistry: 10551/1:00-2:30 TTH or 10552/2:30-4:00 MW

Chemistry Electives

*CHEM 3369 Analytical Chemistry: 11010/4:00-5:30 MW

*CHEM 4365 Inorganic Chemistry II: 11016/9:00-10:00 MWF

*CHEM 4115 Inorganic Chemistry Lab II: 11013/F 11:00-2:00 or 11014/S 9:00-12:00

Inorganic Lab required if used for the chemistry minor

Technical Electives

CHEE 5320 Introduction to Nanomaterials Engineering: 17132/11:30-1:00 TTH

CHEE 5383 Advanced Unit Operations: 17820/5:30-7:00 TTH

CHEE 5369 Chemical Process Economics II: 14832/7:00-8:30 TTH

CHEE 5377 Introduction to Polymer Science: 25265/5:30-7:00 MW

CHEE 5389 Transport Phenomena in Physiological Systems: 17077/4:00- 5:30 MW

****PETR 5304 Evaluation of Petroleum Formation I: 17837/5:30-8:30PM TH

****PETR 5364 Origin/Development of Oil & Gas Reservoirs: 14900/5:30-8:30PM W

Petroleum courses are open to Chemical Engineering students with credit for CHEE 3363. Petroleum Engineering has an over-crowding situation. Students in CHE ENG may need to go on a waiting list. Please contact Anne Sturm.

*Advanced science electives can be CHEM, PHYS, BIO, or BCBS courses. Department must approve by petition if a class is not listed on this form.

**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.

****Required course for minor in Petroleum Engineering.