

**B.S. Chemistry Degree - Suggested Course Sequence
for Freshmen who are placed into CHM 1310 Fall quarter**

Year	Autumn	Winter	Spring	†Summer
Freshman	CHM 1310 WKFS, CHM 1310L (5 cr) *MAT 1234 WKQR (5 cr) (PPHS 1200, have PPHS Director add you to events mailing list)	CHM 1211 WKFS, CHM 1211L (5 cr) MAT 1235 (5 cr)	CHM 1212, CHM 1212L (5 cr) [§] MAT 2401 (3 cr) CHM 2960 (1 cr) (PPHS 1800)	Consider doing research/internship during summers (on-campus or REU) to prepare for graduate school. PPHS students should consider shadowing and volunteering in professional health field. Consider SPU Study Abroad!
Sophomore	CHM 3371, CHM 3371L (5 cr) PHY 1121 w/lab (5 cr)	CHM 3372, CHM 3372L (5 cr) PHY 1122 w/lab (5 cr)	**CHM 1213 (3 cr), CHM 2213L (2 cr) CHM 3373, CHM 3373L (5 cr) PHY 1123 w/lab (5 cr)	
Junior	CHM 3225, CHM 3225L (5cr) CHM elective (6 cr tot needed)	‡CHM 3540, CHM 3540L (5cr) CHM 3227 (2 cr) CHM 3421 (4cr) CHM elective (6 cr tot needed) (PPHS 2400)	CHM 3422 (4cr) ‡CHM 4542 (3cr) CHM 3228 (2cr)	
Senior	CHM 3423 (2 cr) CHM 3229 (2 cr)	CHM 3461 (2cr) CHM 4899 (1 cr)	CHM 3462 (2 cr) CHM 4899 (1 cr)	

Take the Chem Placement exam before Fall quarter begins. Passing placement exam places student directly into CHM 1211. Not passing chem placement exam means the student should first take

CHM 1310 and after that take CHM 1211, 1212, etc.

*Take the Math Placement Exam before Fall freshman year. Take the calculus placement exam, too. If Pre-Calculus MAT 1110 is indicated by the placement, stay on sequence in Math by taking 1110 in fall. Take BIO 2101 later.

**CHM 1213 can be taken after freshman year because the only class that it is a pre-req for is CHM 3540.

†Majors should do CHM 4960 Undergraduate Research during the academic year and/or do research during Summer.

‡CHM 4542 is only offered even years and its pre-req is CHM 3540 so you may be forced to take it senior year.

[§]MAT 2401 is offered in Fall if there is a schedule conflict with CHM 1213