

**B.A. Chemistry Degree - Suggested Course Sequence  
for Freshmen placed into CHM 1211 Fall quarter and want to teach high school or do PPHS**

Year	Autumn	Winter	Spring	†Summer
Freshman	CHM 1211WKFS, CHM 1211L (5 cr) *MAT XXXX (PPHS 1200, get added to PPHS Director's event announcements list)	12, CHM 1212L (5 cr) MAT XXXY	CHM 1213 (3 cr) MAT XXXZ (PPHS 1800)	Students interested in becoming high school teachers should consult their EDU Advisor no later than Summer after Freshman year.  PPHS students should consider shadowing and volunteering in professional health field.  Consider SPU Study Abroad!
Sophomore	CHM 3371, CHM 3371L (5 cr) PHY 1121 or PHY 1101 w/lab (5 cr)	CHM 3372, CHM 3372L (5 cr) PHY 1122 or PHY 1102 w/lab (5 cr)	CHM 3373, CHM 3373L (5 cr) PHY 1123 or PHY 1103 w/lab (5 cr)	
Junior	CHM 3225, CHM 3225L (5 cr) ‡CHM 4361, CHM 4361L (5 cr)	CHM 3540, CHM 3540L (5 cr) ‡CHM Elective (5 cr tot needed) (PPHS 2400)	CHM 3410, CHM 3410L (5 cr)	
Senior	CHM 4899 (1 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 in a later 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 4361 may also be taken fall senior year.

‡CHM 342X cannot be taken as electives if CHM 3410 is taken, unless special permission is granted (double dipping p-chem credits)