

## SUGGESTED PLAN OF STUDY FOR CHEMISTRY/BIOLOGY DOUBLE MAJOR

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
Chem 201*	Chem 202
PE: Wellness	Intro to Bible
Mathematics 151	Mathematics 152
Paideia 111	Paideia 112
Elective	
J-Term	
First-year seminar (185)	
3 <sup>rd</sup> Semester	4 <sup>th</sup> Semester
Chem 241 (includes the old Chemistry 248: safety after 2007)	Chem 242
Biology 151	Biology 152
Foreign Language	Foreign Language
Human Expression Gen Ed	Human Behavior Gen Ed
Physical Education	
5 <sup>th</sup> Semester	6 <sup>th</sup> Semester
Chem 365 (2 Cr)	Chem 361
Chem elective (2 Cr)	Bio elective (4 Cr)
Human Behavior Gen Ed	Human Expression Gen Ed
Physics 151 or 181	Physics 152 or 182
Bio elective (4 Cr)	
January Term	
Independent Study/Study abroad/directed reading (Biology 4 cr)	
7 <sup>th</sup> Semester	8 <sup>th</sup> Semester
Chem elective (2 Cr)	Chem elective: Biochem (4 Cr)
Chem 490L**	Chem 490
Paideia II	Bio elective (4 Cr)
Bio elective (4 Cr)	Religion Gen Ed

**Note:** This plan does not suggest J-term in sophomore year as PE needs to be finished and a student will go over credit with a J-Term

**Note:** J-term is possible senior year, as long as the student balances the year to not go over credit.

\* Students may begin with a two-semester sequence of general chemistry rather than the honors general chemistry course. They may also begin with Math 130 or 140 (pre-calculus) but a year of calculus is required for the major. There are numerous options for chemistry electives and at least 8 Cr of chemistry electives are required, spanning 3 out of 4 fields of interest. The gen. ed requirements maybe taken in a different sequence, but they are presented to show the room for them in the program plan. Within this plan students must also take at least one course each satisfying the following all-college “perspectives”: Intercultural, historical and ethical (quantitative will be fulfilled by major requirements).

\*\* Chemistry 490L may be waived at the discretion of the department in lieu of research during a summer of the academic year.