

**SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR
B.A. in Chemistry (effective Fall 2010)**

FRESHMAN YEAR

<i>Fall Semester (16 SH)</i>				SH	<i>Spring Semester (16 SH)</i>				SH
CHM	1310G	General Chemistry I	3		CHM	1410	General Chemistry II	3	
CHM	1315G	General Chemistry Laboratory I	1		CHM	1415	General Chemistry Laboratory II	1	
ENG	1001G	Composition and Language	3		ENG	1002G	Composition and Literature	3	
#	PHY	1351G	General Physics I	3	#	PHY	1361	General Physics II	3
#	PHY	1352G	General Physics I Laboratory	1	#	PHY	1362	General Physics II Laboratory	1
	MAT	1441G	Calculus and Analytic Geometry I	5		MAT	2442	Calculus and Analytic Geometry II	5

SOPHOMORE YEAR

<i>Fall Semester (17 SH)</i>				SH	<i>Spring Semester (13 - 14 SH)</i>				SH
CHM	2440	Organic Chemistry I	3		* CHM	2310	Inorganic Chemistry I	3	
CHM	2445	Organic Chemistry Laboratory I	1		CHM	2840	Organic Chemistry II	3	
CHM	2730	Quantitative Analysis	3		CHM	2845	Organic Chemistry Laboratory II	1	
*	CHM	3500	Introduction to Chemical Research	1			General Education Electives	6-7	
	CMN	1310G	Intro to Speech Communication	3					
		General Education Electives		6					

JUNIOR YEAR

<i>Fall Semester (15 SH)</i>				SH	<i>Spring Semester (13 - 16 SH)</i>				SH
CHM	3000	Chemistry Seminar I	0		CHM	3001	Chemistry Seminar II	1	
CHM	3300	Survey of Biochemistry	3		* CHM	3920 ¹	Quantum Chemistry	3	
*	or CHM	3450	Biochemistry I	3		or CHM elective ²			
*	CHM	3910 ¹	Chemical Thermodynamics & Kinetics	3			General Education Electives	6	
		or CHM Elective ²					Electives	3-6	
		General Education Electives		6					
		Electives		3					

SENIOR YEAR

<i>Fall Semester (14-15 SH)</i>				SH	<i>Spring Semester (13 - 15 SH)</i>				SH
CHM	elective ²			xx	CHM	elective ²		xx	
EIU	40xxG	Senior Seminar	3			General Education Elective(s)		xx	
		General Education Elective		3		Electives		xx	

Minimum Hours Required for Graduation: 120

Forty semester hours of course work numbered 3000 and above are required.

- # Students who have completed college-level algebra-based physics courses (e.g. PHY 1151G, 1152G, 1161, 1162) should consult the department chair.
- * Offered only during the term listed.
- CHM 3910 or 3920 required.
 - Minimum of **six (6)** semester hours of CHM electives required. The following may not be used as electives: CHM 1040G, 2040G, 3200, 4001. A maximum of three (3) semester hours of CHM 4400 may be used to satisfy this requirement.