

**SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR  
B.A. in Chemistry**

**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 <sup>1</sup>	Quantum Chemistry	} 3
*	or CHM	3450	Biochemistry I			or CHM elective <sup>2</sup>			
*	CHM	3910 <sup>1</sup>	Chemical Thermodynamics & Kinetics	} 3	General Education Electives				6
	or CHM Elective <sup>2</sup>					Electives			
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 <sup>2</sup>				xx	CHM elective <sup>2</sup>				xx
EIU	40xxG	Senior Seminar		3	General Education Elective(s)				xx
General Education Elective				3	Electives				xx

**Minimum Hours Required for Graduation: 120**

(must include 40 SH of course work numbered  $\geq$  3000)

# 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.

1. CHM 3910 **or** 3920 required.

2. 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.