

**SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR  
B.S. with Chemistry Concentration (ACS approved) and Pre-Med Emphasis****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 (15 SH)</i>			SH	<i>Spring Semester (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	SPC	1310G	Speech Communication	3
BIO	1100	General Biology	4	BIO	1300G	Animal Diversity	4
		General Education Elective	3				

**JUNIOR YEAR**

<i>Fall Semester (15 - 16 SH)</i>			SH	<i>Spring Semester (15 - 17 SH)</i>			SH
CHM	3000	Chemistry Seminar I	0	CHM	3001	Chemistry Seminar II	1
* CHM	3450	Biochemistry I	3	* CHM	3915	Physical Chemistry Laboratory	2
* CHM	3780	Instrumental Analysis	3	* CHM	3920	Quantum Chemistry	3
* CHM	3910	Chemical Thermodynamics & Kinetics	3			General Education Electives	6
		General Education Elective	3	#,≠		Electives	3-5
#,≠		Electives	3-4				

**SENIOR YEAR**

<i>Fall Semester (14 - 15 SH)</i>			SH	<i>Spring Semester (13 - 15 SH)</i>			SH
CHM	4000	Chemistry Seminar III	0	CHM	4001	Chemistry Seminar IV	1
* CHM	4770	Molecular Structure	3			General Education Electives	xx
* CHM	4900	Inorganic Chemistry II	3	#,≠		Electives	xx
* CHM	4905	Inorganic Chemistry Laboratory	2				
EIU	40xxG	Senior Seminar	3				
		General Education Electives	3				

**Minimum Hours Required for Graduation: 120**

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

\* Offered only during the term listed

# Six semester hours of Chemistry electives must be included.

≠ BIO 3200 and BIO 3500 recommended in preparation for medical school.