

**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 (16 - 17 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	2nd Program courses ^c				3
CMN	1310G	Intro to Speech Communication		3	General Education Electives ^b				6-7
General Education Electives ^b				6					

JUNIOR YEAR

<i>Fall Semester (12 - 16 SH)</i>				SH	<i>Spring Semester (13 - 18 SH)</i>				SH
CHM	3000	Chemistry Seminar I		0	CHM	3001	Chemistry Seminar II		1
* CHM	3450	Biochemistry I ^d		0-3	* CHM	3300	Survey of Biochemistry ^d		0-3
* CHM	3910	Chemical Thermodyn & Kinetics ^c		3	Electives ^a				3
2nd Program courses				3-4	2nd Program courses				6-8
General Education Electives ^b				6	General Education Electives ^b				0-6

SENIOR YEAR

<i>Fall Semester (15-18 SH)</i>				SH	<i>Spring Semester (12 - 18 SH)</i>				SH
EIU	40xxG	Senior Seminar		3	Electives ^a				3-6
Electives ^a				3	2nd Program courses				3-8
2nd Program courses				3-6	General Education Electives ^b				0-6
General Education Electives ^b				6					

Minimum Hours Required for Graduation: 120

(must include 40 SH of course work numbered ≥ 3000)

* Offered only during the term listed

^a 6 SH of CHM electives must be included. A maximum of 3 semesters hours of Research (CHM 44001-44004 and/or 45551-45554) may be used to satisfy this requirement

^b Additional upper division electives, 2 program course, or general education courses may be needed to satisfy the 40 SH of upper division coursework.

^c It is assumed that students choosing this major are going to double major in a second area.

^d Either CHM3450 or CHM3300 is required.

^e CHM 3920 Quantum Chem could be taken in place of 3910, but it is a SP only course.