

**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 <sup>c</sup>			3
CMN	1310G	Intro to Speech Communication	3	General Education Electives <sup>b</sup>			6-7
General Education Electives <sup>b</sup>			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 <sup>d</sup>	0-3	* CHM	3300	Survey of Biochemistry <sup>d</sup>	0-3
* CHM	3910	Chemical Thermodynamics & Kinetics	3	Electives <sup>a</sup>			3
2nd Program courses			3-4	2nd Program courses			6-8
General Education Electives <sup>b</sup>			6	General Education Electives <sup>b</sup>			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 <sup>a</sup>			3-6
Electives <sup>a</sup>			3	2nd Program courses			3-8
2nd Program courses			3-6	General Education Electives <sup>b</sup>			0-6
General Education Electives <sup>b</sup>			6				

**Minimum Hours Required for Graduation: 120**(must include 40 SH of course work numbered  $\geq$  3000)

\* Offered only during the term listed

<sup>a</sup> 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<sup>b</sup> Additional upper division electives, 2 program course, or general education courses may be needed to satisfy the 40 SH of upper division coursework.<sup>c</sup> It is assumed that students choosing this major are going to double major in a second area.<sup>d</sup> Either CHM3450 or CHM3300 is required.