

**SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR
B.S. with Chemistry Concentration (Meets ACS certification)**

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 (14-17 SH)</i>				SH	<i>Spring Semester (13 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
CMN	1310G	Intro to Speech Communication		3					
General Education Electives				3-6					

JUNIOR YEAR

<i>Fall Semester (12-15 SH)</i>				SH	<i>Spring Semester (12-15 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				3-6
General Education Electives				3-6	Electives ^a				3-6

SENIOR YEAR

<i>Fall Semester (12-15 SH)</i>				SH	<i>Spring Semester (13 - 16 SH)</i>				SH
CHM	4000	Chemistry Seminar III		0	CHM	4001	Chemistry Seminar IV		1
* CHM	4900	Inorganic Chemistry II		3	* CHM	4915	Advanced Laboratory		3
EIU	40xxG	Senior Seminar		3	General Education Electives				3-6
General Education Electives				3-6	Electives ^a				3-6
Electives ^a				3					

* Offered only during the term listed

Minimum Hours Required for Graduation: 120

(must include 40 SH of course work numbered ≥ 3000. as described above, totals to 31 credits so need 9 sh as additional elective or gen ed))

^a **Electives:**

→ 5 SH of CHM electives must be included. Electives must include two semester hours of 3000 level or higher chemistry laboratory work. Courses that may be used are: Undergraduate Research I-IV: CHM 44001-44004, Honors Research I-II: CHM 45551 and 45552, CHM 3455 or CHM 4470.