

**SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR
B.S. with Biochemistry Concentration**

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 (18 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 Elective				6-7
BIO	1100	General Biology		4					
CMN	1310G	Intro to Speech Communication		3					
General Education Elective				3					

JUNIOR YEAR

<i>Fall Semester (15 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	3455	Biochemistry Laboratory		2
* CHM	3780	Instrumental Analysis		3	* CHM	3460	Biochemistry II		3
* CHM	3910	Chemical Thermodynamics & Kinetics		3	* CHM	3915	Physical Chemistry Laboratory		2
General Education Electives				6	* CHM	3920	Quantum Chemistry		3
					General Education Electives				6

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	4860	Biochemistry III		3	General Education Electives				xx
EIU	40xxG	Senior Seminar		3	# Electives				xx
General Education Elective				3					
# Electives				5-6					

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 electives in CHM or BIO must be included.