

**SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR
 B.S. with Chemistry Concentration (Meets ACS certification) 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 (18 SH)</i>			SH	<i>Spring Semester (18 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	CMN	1310G	Intro to Speech Communication	3
BIO	1100 ^a	General Biology	4	BIO	2210	Anatomy and Physiology I	4
PSY	1879G	Introduction to Psychology	3	BIO	3120	Molecular and Cell Biology	4
SOC	1838G	Introduction to Sociology	3				

JUNIOR YEAR

<i>Fall Semester (18 SH)</i>			SH	<i>Spring Semester (13-16 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	3910	Chemical Thermodynamics & Kinetics	3	CHM	3460	Biochemistry II	3
BIO	2220	Anatomy and Physiology II	4	BIO	3300	Microbiology	4
BIO	3200	Genetics	4			General Education Courses and/or Elective ^b	3-6
		General Education Courses and/or Elective ^b	4				

SENIOR YEAR

<i>Fall Semester (16 SH)</i>			SH	<i>Spring Semester (14-17 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
CHM	3780	Instrumental Analysis	3	EIU	40xxG	Senior Seminar	3
BIO	3624	Histology	4	* CHM	3920	Quantum Chemistry	3
		General Education Courses and/or Elective ^b	6			General Education Courses and/or Elective ^b	4-7

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

* Offered only during the term listed

^a Starting S17, BIO 1500 will replace BIO 1100.^b Electives:

→ 5 SH of CHM electives must be included. Must include two additional semester hours of 4000-level lab.