

SAMPLE PLAN OF STUDY FOR THE B.S. MAJOR IN CHEMISTRY
An average of 15.75 credits per semester is needed to graduate in 8 semesters

FRESHMAN YEAR

<u>FALL</u>			<u>SPRING</u>		
CHEM1110	General Chemistry I	4	CHEM 1120	General Chemistry II	4
MATH 1420	Calculus I	4	MATH 1421	Calculus II	4
	Liberal Arts	<u>6</u>		Liberal Arts	<u>6</u>
		14			14

SOPHOMORE YEAR

<u>FALL</u>			<u>SPRING</u>		
CHEM 2210	Organic Chemistry I	3	CHEM 2220	Organic Chemistry II	3
CHEM 2310	Chromatog. and Quant. Analysis	4	CHEM 2230	Organic Chemistry Laboratory	2
PHYSICS 1701	Physics I	4	CHEM 2110	Descriptive Inorganic Chemistry	4
	Liberal Arts	<u>6</u>	PHYSICS 1702	Physics II	4
		17		Liberal Arts/Electives	<u>3</u>
					16

JUNIOR YEAR

<u>FALL</u>			<u>SPRING</u>		
CHEM 4420	Physical Chemistry I	3	CHEM 4430	Physical Chemistry II	3
CHEM 4310	Instrumental Analysis	4	CHEM 4440	Physical Chemistry Laboratory	2
CHEM 4510	Biochemistry I	3	CHEM 4110	Inorganic Chemistry	3
	Liberal Arts/ Electives	<u>6</u>	CHEM 4010	Chemical Safety	1
		16		Liberal Arts/Electives	<u>7</u>
					16

SENIOR YEAR

<u>FALL</u>			<u>SPRING</u>		
CHEM 4610	Advanced Synthesis Laboratory	2	CHEM 3600	Undergraduate Research	1
CHEM 3600	Undergraduate Research	1	3000/4000 level	Chemistry Elective	3
	Liberal Arts/Electives	<u>14</u>		Liberal Arts/Electives	<u>12</u>
		17			16

	<u>Total Hours</u>
Liberal Arts	37 hours
Major	63-66 hours
University Electives/Minor	<u>23-26 hours</u>
	126 hours minimum

ADVISING NOTE: This is a sample plan of study only. There are a variety of alternative schedules for completing the B.S. Chemistry. Please consult with an advisor in the Department of Chemistry and Biochemistry to plan a schedule tailored for your needs.