

## Program for B. S. CHEMISTRY majors entering as Freshmen

Academic Year	FALL	SPRING	SUMMER
Freshman	CHM 2045/L General Chemistry I / lab MAC 2311 Calculus I	CHM 2046/L General Chemistry II / lab MAC 2312 Calculus II	
Sophomore	CHM 2210/L Organic I / lab PHY 2048/L Physics I / lab	CHM 2211/L Organic II / lab PHY 2049/L Physics II / lab	
Junior	CHM 3410 Physical Chemistry I CHM 3230 Organic III CHM 3740L Advanced lab Techniques	CHM 3411 Physical Chemistry II CHM 3741L Physical Chemistry CHM 3120/L Analytical / lab	
Senior	CHM 4611 Inorganic CHM 4130/L Instrumental Analysis / lab Chemistry Elective *	CHM 4610L Inorganic Synthesis lab Chemistry Elective * Chemistry Elective *	<b>Total Prerequisite Credits 16</b> <b>Total Chemistry Credits 55</b> <b>Upper Division Chemistry 39</b>

\*Student must complete three of the following courses:

BCH 3034/L Biochemistry II; CHM 4512 Computational Chemistry; CHM 4455/L Polymer Chemistry; CHM 4930 Advanced Topics in Chemistry; CHM 4714C Materials, Chemistry, and Engineering; or CHM 4912 Undergraduate Chemistry Research

Undergraduate research is a 2-4 credit course, and a formal written report must be completed by the student in order to fulfill the advanced course requirement. A formal thesis must be written and presented to the department for those students who take this course twice for a total of 6 credits and use this course for both Chemistry electives.