

CHEMISTRY, BACHELOR OF ARTS

To obtain a B.A. with a major in Chemistry, a student must fulfill university, college, and departmental requirements. Minimum hour requirements follow:

- 46 hours of University General Education courses (*Testing out of academic skills requirements and enrolling in General Education courses that meet both distribution and diversity requirements are likely to reduce the total number of General Education hours to 34 or fewer.*)
- 16 hours foreign language requirement
- 12 hours college breadth requirement
- 56 hours of major courses
- Elective hours as required to total 120 hours

TOTAL HOURS: 120

Requirements

A B.A. degree in chemistry requires a minimum of 36 credit hours of approved chemistry courses.

Code	Title	Credits
Chemistry Requirements		
CHEM 1180 & CHEM 1184	GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY	4
CHEM 1190 & CHEM 1194	GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LABORATORY	4
CHEM 2250	ORGANIC CHEMISTRY I	3
CHEM 2260	ORGANIC CHEMISTRY II	3
CHEM 2274	ORGANIC CHEMISTRY LABORATORY	2
CHEM 2400 & CHEM 2404	QUANTITATIVE ANALYSIS and QUANTITATIVE ANALYSIS LAB	4
CHEM 2500	INTRODUCTION TO INORGANIC CHEMISTRY	3
Select two of the following:		8
CHEM 3350 & CHEM 3354	PHYSICAL CHEMISTRY I and PHYSICAL CHEMISTRY I LABORATORY	
CHEM 3360 & CHEM 3364	PHYSICAL CHEMISTRY II and PHYSICAL CHEMISTRY II LABORATORY	
CHEM/BIOLOG 4650	BIOCHEMISTRY I (with the following lab)	
CHEM/BIOLOG 4654	BIOCHEMISTRY I LABORATORY	
Five additional credit hours of chemistry must come from the chemistry courses approved for the B.S. in Chemistry degree.		5
Total Credits		36

Code	Title	Credits
Required Cognate Courses:		
MATH 1950	CALCULUS I	5
MATH 1960	CALCULUS II	5
Select one of the following sequences:		10
Group A:		
PHYS 2110 & PHYS 1154	GENERAL PHYSICS I - CALCULUS LEVEL and GENERAL PHYSICS LABORATORY I	
PHYS 2120 & PHYS 1164	GENERAL PHYSICS-CALCULUS LEVEL and GENERAL PHYSICS LABORATORY II	

Group B:		
PHYS 1110 & PHYS 1154	GENERAL PHYSICS I WITH ALGEBRA and GENERAL PHYSICS LABORATORY I	
PHYS 1120 & PHYS 1164	GENERAL PHYSICS and GENERAL PHYSICS LABORATORY II	
Total Credits		20

Code	Title	Credits
Recommended but not required:		
MATH 1970	CALCULUS III	4

For a B.A., the college requires completion of a foreign language through the intermediate level.