

CHEMISTRY - PROFESSIONAL ACS APPROVED EMPHASIS REQUIREMENTS (BA/BS)

Code	Title	Units
Major Requirements - 55 units		
CHEM 102	GENERAL CHEMISTRY I	5
CHEM 104	GENERAL CHEMISTRY II	5
CHEM 184	INTRODUCTION TO CHEMISTRY	1
CHEM 251	ORGANIC CHEMISTRY	3
CHEM 252	ORGANIC CHEMISTRY	3
CHEM 260	INORGANIC CHEMISTRY	4
CHEM 261	ORGANIC CHEMISTRY LABORATORY	2
CHEM 262	ORGANIC CHEMISTRY LABORATORY	2
CHEM 352	QUANTITATIVE ANALYSIS	5
CHEM 370	PHYSICAL CHEMISTRY	3
CHEM 371	PHYSICAL CHEMISTRY	3
CHEM 454	BIOCHEMISTRY OF MACROMOLECULES	3
CHEM 470	EXPERIMENTAL PHYSICAL CHEMISTRY	1
CHEM 471	EXPERIMENTAL PHYSICAL CHEMISTRY	1
CHEM 480	INSTRUMENTAL METHODS OF ANALYSIS	4
CHEM 484	TOPICS IN CHEMISTRY	1
Select one of the following:		3-4
CHEM 270	INTRODUCTION TO GREEN CHEMISTRY	
CHEM 455	ADVANCED ORGANIC CHEMISTRY	
CHEM 456	BIOCHEMISTRY OF METABOLISM AND SIGNALING	
CHEM 460	ADVANCED INORGANIC CHEMISTRY	
Select one of the following:		5
PHYS 181	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
PHYS 141	PRINCIPLES OF PHYSICS II	
Total Units		55-56

Code	Title	Units
Unique Requirements		
MATH 253	CALCULUS AND ANALYTIC GEOMETRY I	5
MATH 254	CALCULUS AND ANALYTIC GEOMETRY II	4
Select one of the following:		5
PHYS 180	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
PHYS 140	PRINCIPLES OF PHYSICS I	
Total Units		14

Milestones: (Periodic Assessment Tests Required)

Exit Interview

No minor is required for this major.