

BIOCHEMISTRY, BS

Code	Title	Credits
Chemistry Core		30
CHEM 231	General Chemistry I	
CHEM 231L	General Chemistry I Lab	
CHEM 232	General Chemistry II	
CHEM 232L	General Chemistry II Lab	
CHEM 243	Analytical Chemistry I ¹	
CHEM 351	Organic Chemistry I	
CHEM 351L	Organic Chemistry I Lab	
CHEM 352	Organic Chemistry II	
CHEM 352L	Organic Chemistry II Lab	
CHEM 353L	Organic Spectroscopic Analysis	
CHEM 373	Biochemistry	
CHEM 373L	Biochemistry Lab	
Chemistry Capstone		
Select one option:		1
CHEM 420	Chemistry Seminar	
CHEM 470	Advanced Laboratory	
Biology Core		17
BIOL 200	Introduction to Cellular Biology	
BIOL 200L	Introduction to Cellular Biology Lab	
BIOL 201	Introduction to Biodiversity & Evolution	
BIOL 201L	Introduction to Biodiversity & Evolution Lab	
BIOL 321	Genetics	
BIOL 321L	Genetics Lab	
BIOL 303	Microbiology (Must be taken concurrently with BIOL 303L)	
BIOL 303L	Microbiology Lab	
Math Courses		8-10
MATH 150	Calculus I	
Select one additional math class:		
MATH 151	Calculus II	
MATH 200	Introduction to Statistics	
Physics Sequence		
Select one group:		8-10
<i>Physics Group 1</i>		
PHYS 141	College Physics I	
PHYS 141L	College Physics I Lab	
PHYS 142	College Physics II	
PHYS 142L	College Physics II Lab	
<i>Physics Group 2</i>		
PHYS 181	University Physics I	
PHYS 181L	University Physics I Lab	
PHYS 182	University Physics II	
PHYS 182L	University Physics II Lab	
Additional Electives		
Select one chemistry elective numbered 3XX or higher		3-4
Select one biology elective:		3
BIOL 425	Advanced Cell Biology	
BIOL 461	Immunology	

BIOL 471	Virology
Total Credits	70-75

¹ CHEM 243 Analytical Chemistry I (5 cr.) is a 5-credit course that includes a 3-credit lecture component and a 2-credit lab component.