

Biochemistry, B.S.

Biochemistry, B.S.

Course	Title	Hour
Freshman		
Fall		
CHEM 1110 (860:044)	General Chemistry I	4
MATH 1420 (800:060)	Calculus I	4
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
Liberal Arts Core		3
Hours		15
Spring		
CHEM 1120 (860:048)	General Chemistry II	4
MATH 1421 (800:061)	Calculus II	4
Liberal Arts Core		9
Hours		17
Sophomore		
Fall		
CHEM 2210 (860:120)	Organic Chemistry I	3
CHEM 2310 (860:132)	Chromatography and Quantitative Analysis	4
PHYSICS 1701 (880:130)	Physics I for Science and Engineering	4
Liberal Arts Core		6
Hours		17
Spring		
CHEM 2010	Chemical Safety Seminar	1
CHEM 2220 (860:123)	Organic Chemistry II	3
CHEM 2230 (860:121)	Organic Chemistry Laboratory	2
PHYSICS 1702 (880:131)	Physics II for Science and Engineering	4
BIOL 3140 (840:140)	Genetics	4
Liberal Arts Core		3
Hours		17
Junior		
Fall		
CHEM 2110 (860:110)	Descriptive Inorganic Chemistry	4
CHEM 4420/5420 (860:140g)	Physical Chemistry I	3
CHEM 4510/5510 (860:154g)	Biochemistry I	3
Liberal Arts Core/Electives		5
Hours		15
Spring		
CHEM 4430/5430 (860:141g)	Physical Chemistry II	3
CHEM 4520/5520 (860:155g)	Biochemistry II	3
CHEM 4530/5530 (860:156g)	Biochemistry Laboratory	2
Liberal Arts Core/Electives		6
Hours		14
Senior		
Fall		
CHEM 4310/5310 (860:137g)	Instrumental Analysis	4
CHEM 3600 (860:180)	Undergraduate Research in Chemistry	1

Biol OR Chem 3000/4000 Level Elective		3
Liberal Arts Core/Electives		8
Hours		16
Spring		
CHEM 3600 (860:180)	Undergraduate Research in Chemistry	1
CHEM 4440/5440 (860:143g)	Physical Chemistry Laboratory	2
Liberal Arts Core/Electives		12
Hours		15
Total Hours		126