

Biochemistry, B.A.

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This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
Freshman		
Fall		
MATH 1140	Precalculus	4
BIOL 2052	General Biology: Cell Structure and Function	4
CHEM 1110	General Chemistry I	4
UNIFI/General Education or University Electives		3
Hours		15
Spring		
CHEM 1120	General Chemistry II	4
MATH 1420	Calculus I	4
UNIFI/General Education or University Electives		6
Hours		14
Sophomore		
Fall		
CHEM 2110	Descriptive Inorganic Chemistry (OR CHEM 2320 AND 2330)	4
CHEM 2210	Organic Chemistry I	3
PHYSICS 1511	General Physics I	4
UNIFI/General Education or University Electives		3
Hours		14
Spring		
CHEM 2010	Chemical Safety Seminar	1
CHEM 2220	Organic Chemistry II	3
CHEM 2230	Organic Chemistry Laboratory	2
PHYSICS 1512	General Physics II	4
BIOL 3140	Genetics	4
UNIFI/General Education or University Electives		3
Hours		17
Junior		
Fall		
CHEM 4420/5420	Physical Chemistry I	3
CHEM 4510/5510	Biochemistry I	3
UNIFI/General Education or University Electives		9
Hours		15
Spring		
CHEM 4520/5520	Biochemistry II	3
CHEM 4530/5530	Biochemistry Laboratory	2
UNIFI/General Education or University Electives		10
Hours		15
Senior		
Fall		
BIOL or CHEM 3000/4000 Elective		3
UNIFI/General Education or University Electives		12
Hours		15

Spring

UNIFI/General Education or University Electives	15
Hours	15
Total Hours	120