

Biology, B.S.

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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		
BIOL 2051	General Biology: Organismal Diversity (or BIOL 2052 Gen Bio: Cell Structure and Function)	4
CHEM 1110	General Chemistry I (Based on ALEKS score)	4
UNIFI/General Education or University Electives		7
Hours		15
Spring		
BIOL 2052	General Biology: Cell Structure and Function (or BIOL 2051 Gen Bio: Organismal Diversity)	4
CHEM 1120	General Chemistry II	4
STAT 1772	Introduction to Statistical Methods	3
UNIFI/General Education or University Electives		3
Hours		14
Sophomore		
Fall		
BIOL 3140	Genetics (or BIOL 3100 Ecology, Evolution, and Nature of Science)	4
CHEM 2210	Organic Chemistry I	3
Biology Elective (3000-level)		3
UNIFI/General Education or University Electives		6
Hours		16
Spring		
BIOL 3100	Evolution, Ecology and the Nature of Science (or BIOL 3140 Genetics)	3
CHEM 2220	Organic Chemistry II	3
CHEM 2230	Organic Chemistry Laboratory	2
UNIFI/General Education or University Electives		6
Hours		14
Junior		
Fall		
BIOL 3190	Undergraduate Research in Biology	1
BIOL 4157/5157	Biostatistics	3
PHYSICS 1511	General Physics I	4
Biology Major Elective (3000/4000-level) **		4
UNIFI/General Education or University Electives		3
Hours		15
Spring		
BIOL 3190	Undergraduate Research in Biology	1
PHYSICS 1512	General Physics II	4

Biology Major Elective (3000/4000-level) **	4
UNIFI/General Education or University Electives	6
Hours	
15	
Senior	
Fall	
Biology Major Elective (3000/4000-level) **	4
UNIFI/General Education or University Electives	12
Hours	
16	
Spring	
Biology Major Elective (3000/4000-level) **	4
UNIFI/General Education or University Electives	11
Hours	
15	
Total Hours	
120	

* To graduate from UNI with a biology major, students must have both a cumulative and a major UNI GPA of 2.0 or higher, with a grade of C- (1.67) or higher in all courses that are applied to the major.

**Students must take at least seven (7) hours of 4000-level biology coursework pertinent to their major, with four (4) of those hours being taken at UNI.