

Biology Teaching, 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		
BIOL 2051	General Biology: Organismal Diversity (or BIOL 2052 General Biology: Cell Structure and Function)	4
CHEM 1110	General Chemistry I (Based on ALEKS score)	4
UNIFI/General Education or University Electives		6
Hours		14
Spring		
BIOL 2052	General Biology: Cell Structure and Function (or BIOL 2051 General Biology: Organismal Diversity)	4
CHEM 1120	General Chemistry II	4
UNIFI/General Education or University Electives		9
Hours		17
Sophomore		
Fall		
BIOL 3100	Evolution, Ecology and the Nature of Science (or BIOL 3140 Genetics)	3
PHYSICS 1511	General Physics I	4
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1
EDPSYCH 2030	Dynamics of Human Development	3
UNIFI/General Education or University Electives		3
Hours		14
Spring		
BIOL 3140	Genetics (or BIOL 3100 Evolution, Ecology and the Nature of Science)	4
CHEM 2040	Applied Organic and Biochemistry	4
UNIFI/General Education or University Electives		10
Hours		18
Junior		
Fall		
Biology Group choice		4
TEACHING 3128	Level 2 Field Experience: Lesson Planning and Instruction	1
TEACHING 3129	Secondary and Special-Area Classroom Management	1
EARTHSCI 1320	Earth History	4
EDPSYCH 3148	Learning and Motivation in Classroom Contexts	3
MEASRES 3150	Classroom Assessment	2
Hours		15

Spring

Biology Group choice		4
BIOL 4142/5142	Evolutionary Biology	3
TEACHING 4170/5170	Human Relations: Awareness and Application	3
SCI ED 3300/5300	Orientation to Science Teaching	4
SPED 3150	Meeting the Needs of Diverse Learners in Classrooms	2
Hours		16

Senior

Fall		
Biology Group choice		4
Biology Elective		4
SCI ED 4800/5800	Methods for Teaching Secondary Science or MTSS	3
SOCFOUND 3119	Schools and American Society	3
Hours		14
Spring		
TEACHING 3138	Secondary School Teaching	12
Hours		12
Total Hours		120

* To graduate from UNI with a biology major, students must have both a cumulative and a major UNI GPA of 2.50 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.