

# Biology (B.S.)

2016-2017 catalog



Student Name: \_\_\_\_\_ ID Number: \_\_\_\_\_

## Major Requirements

Must earn a minimum grade of 1.0 and average grade of 2.00 in BIO151 & BIO152. All other classes must be completed with a 2.0 grade or better.

Term Completed/Planned	Grade	Credit	✓	Course #	Title
_____	_____	4	<input type="checkbox"/>	BIO151	Introductory Biology (NSM-L)
_____	_____	4	<input type="checkbox"/>	BIO152	Evolution, Ecology, and Diversity (NSM-L)
_____	_____	4	<input type="checkbox"/>	BIO253	Introductory Cellular Biology
_____	_____	4	<input type="checkbox"/>	BIO255	Genetics

Complete **five (5)** upper division Biology electives, including at least one of BIO361, BIO440, or BIO481. Students may take two different BIO485 course in place of one upper division elective:

_____	_____	4	<input type="checkbox"/>	BIO351	Invertebrate Zoology
_____	_____	4	<input type="checkbox"/>	BIO353	Comparative Vertebrate Anatomy
_____	_____	4	<input type="checkbox"/>	BIO361	Plant Biology
_____	_____	4	<input type="checkbox"/>	BIO369	Biochemistry
_____	_____	4	<input type="checkbox"/>	BIO440	Plant Physiology
_____	_____	4	<input type="checkbox"/>	BIO471	Advanced Cellular and Molecular Biology
_____	_____	4	<input type="checkbox"/>	BIO473	Animal Physiology
_____	_____	4	<input type="checkbox"/>	BIO474	Developmental Biology
_____	_____	4	<input type="checkbox"/>	BIO475	Neurobiology
_____	_____	4	<input type="checkbox"/>	BIO476	Microbiology
_____	_____	4	<input type="checkbox"/>	BIO481	Ecology
_____	_____	4 total	<input type="checkbox"/>	BIO485	Advanced Topics in Biology ( <i>must be take twice to count</i> )
_____	_____	4	<input type="checkbox"/>	BIO486	Immunology
_____	_____	4	<input type="checkbox"/>	BIO495	Special Topics in Biology
_____	_____	4	<input type="checkbox"/>	PHY317	Biophysics

Complete **one (1)** Keystone class (Keystone classes from other majors may be substituted with department approval)

_____	_____	2	<input type="checkbox"/>	BIO490	Biology Keystone (KC)
_____	_____	2	<input type="checkbox"/>	SCI490	Integrated Science (KC)
_____	_____	4	<input type="checkbox"/>	HON490	Honors Senior Seminar (KC)

## Supporting Courses

_____	_____	4	<input type="checkbox"/>	CHM115	General Chemistry I (NSM-L)
_____	_____	4	<input type="checkbox"/>	CHM116	General Chemistry II (NSM-L)
_____	_____	4	<input type="checkbox"/>	CHM351	Organic Chemistry I
_____	_____	4	<input type="checkbox"/>	CHM352	Organic Chemistry II
_____	_____	4	<input type="checkbox"/>	MAT145	Calculus I (NSM)
_____	_____	4	<input type="checkbox"/>	MAT146	Calculus II (NSM)
_____	_____	4	<input type="checkbox"/>	PHY107: College Physics I or PHY121: General Physics I (NSM-L)	
_____	_____	4	<input type="checkbox"/>	PHY108: College Physics II or PHY122: General Physics II (NSM-L)	

Complete the ETS major field test

_____	_____	0	<input type="checkbox"/>		
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Complete **one (1)** Speaking skill class, normally chosen from COM115 (preferred), COM111, and HON130

_____	_____		<input type="checkbox"/>		
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Abbreviation Key: KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab

Student Signature \_\_\_\_\_ Date \_\_\_\_\_ Faculty Adviser Signature \_\_\_\_\_ Date \_\_\_\_\_

Student and faculty signature are required for submission with the Intent to Graduate form.