

Biology (B.S.)

2018-2019 catalog

Student Name: _____ **ID Number:** _____

Major Requirements

Must earn a minimum grade of D and average grade of C- in BIO151 & BIO152. All other classes must be completed with a C- grade or better. Discuss B.S. waiver options with your advisor.

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	BIO151	Introductory Biology (NSM-L)
_____	_____	4	BIO152	Evolution, Ecology, and Diversity (NSM-L)
_____	_____	4	BIO253	Introductory Cellular Biology
_____	_____	4	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	BIO351	Invertebrate Zoology
_____	_____	4	BIO353	Comparative Vertebrate Anatomy
_____	_____	4	BIO361	Plant Biology
_____	_____	4	BIO369	Biochemistry
_____	_____	4	BIO440	Plant Physiology
_____	_____	4	BIO471	Advanced Cellular and Molecular Biology
_____	_____	4	BIO473	Physiology of Humans and Other Animals
_____	_____	4	BIO474	Developmental Biology
_____	_____	4	BIO475	Neurobiology
_____	_____	4	BIO476	Microbiology
_____	_____	4	BIO481	Ecology
_____	_____	4 total	BIO485	Advanced Topics in Biology (<i>must be take twice to count</i>)
_____	_____	4	BIO486	Immunology
_____	_____	4	BIO495	Special Topics in Biology
_____	_____	4	PHY317	Biophysics

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

_____	_____	2	BIO490	Biology Keystone (KC)
_____	_____	2	SCI490	Integrated Science (KC)
_____	_____	4	HON490	Honors Senior Seminar (KC)

Supporting Courses

_____	_____	5	CHM115 & CHM115L: General Chemistry I (NSM-L)
_____	_____	5	CHM116 & CHM116L: General Chemistry II (NSM-L)
_____	_____	5	CHM251 & CHM251L: Organic Chemistry I
_____	_____	5	CHM252 & CHM252L: Organic Chemistry II
_____	_____	4	MAT145 Calculus I (NSM)
_____	_____	4	MAT146 Calculus II (NSM)
_____	_____	4	PHY107: College Physics I or PHY121: General Physics I (NSM-L)
_____	_____	4	PHY108: College Physics II or PHY122: General Physics II (NSM-L)

Complete the ETS major field test

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Complete **one (1)** Speaking skill class, normally chosen from COM115 (HUM), COM111 (HUM), and HON130 (HUM)

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Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

Student's Signature _____ Date _____

Advisor's Printed Name _____ Signature _____ Date _____

Advisor(s): By signing, you indicate you have verified the accuracy of the information above. Faculty advisors must initial next to each course substitution/waiver and sign this form.