

**Biology (B.S.)**

2019-2020 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
_____	_____	5	BIO151 and 151L:	Introductory Biology (NSM-L)
_____	_____	5	BIO152 and 152L:	Evolution, Ecology, and Diversity (NSM-L)
_____	_____	5	BIO253 and 253L:	Introductory Cellular Biology
_____	_____	5	BIO255 and 255L:	Genetics

Complete **five (5)** upper division Biology electives, including at least one of BIO351, BIO361, BIO420, BIO440, BIO481, or ENV320. Four of the five upper division electives must have an accompanying 1-credit lab. BIO485 may be completed twice in place of one upper division elective.

_____	_____	5	BIO320 and 320L:	Human Anatomy
_____	_____	5	BIO351 and 351L:	Invertebrate Zoology
_____	_____	5	BIO353 and 353L:	Comparative Vertebrate Anatomy
_____	_____	5	BIO361 and 361L:	Plant Biology
_____	_____	5	BIO369 and 369L:	Biochemistry
_____	_____	4	BIO420:	Conservation Biology
_____	_____	5	BIO425 and 425L:	Freshwater Ecology
_____	_____	5	BIO440 and 440L:	Plant Physiology
_____	_____	5	BIO471 and 471L:	Advanced Cellular and Molecular Biology
_____	_____	5	BIO473 and 473L:	Physiology of Humans and Other Animals
_____	_____	5	BIO474 and 474L:	Developmental Biology
_____	_____	5	BIO475 and 475L:	Neurobiology
_____	_____	5	BIO476 and 476L:	Microbiology
_____	_____	5	BIO481 and 481L:	Ecology
_____	_____	4 total	BIO485:	Advanced Topics in Biology ( <i>must be taken twice to count</i> )
_____	_____	5	BIO486 and 486L:	Immunology
_____	_____	4 or 5	BIO495:	Special Topics in Biology ( <i>sometimes offered with BIO495L lab</i> )
_____	_____	5	ENV320 and 320L:	Environmental Science
_____	_____	5	PHY317 and 317L:	Biophysics

Complete **one (1)** Keystone class from BIO490, SCI490, HON490, or a Keystone from another major (with department approval)

**Supporting Courses**

_____	_____	5	CHM115 & CHM115L:	General Chemistry I (NSM-L)
_____	_____	5	CHM116 & CHM116L:	General Chemistry II (NSM-L)
_____	_____	5	CHM251 & CHM251L:	Organic Chemistry I
_____	_____	4	MAT114:	Precalculus (or achievement of MPG4)

Complete **one (1)** of MAT145, MAT163, MAT164, or PSY215

_____	_____	4		
-------	-------	---	--	--

Complete **one (1)** of PHY107, PHY116, or PHY121

_____	_____	5		
-------	-------	---	--	--

Complete the ETS major field test

_____	_____	0		
-------	-------	---	--	--

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

_____	_____	4		
-------	-------	---	--	--

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

**Note: Form is not complete until signed on page 2.**

**Biology (B.S.)**

---

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.