

Life Sciences (B.A.)

2017-2018 catalog

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

Major Requirements

This major is only for students also pursuing a Secondary Education license. All classes must be completed with a C grade or better. A GPA of 2.5 in biology courses is required for this major.

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 **four (4)** upper division Biology electives, including at least one of BIO361, BIO440, or BIO481:

_____	_____	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	Animal Physiology
_____	_____	4	BIO474	Developmental Biology
_____	_____	4	BIO475	Neurobiology
_____	_____	4	BIO476	Microbiology
_____	_____	4	BIO481	Ecology
_____	_____	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)	

Complete either PHY116 or both PHY107 and PHY108 or both PHY121 and PHY122

_____	_____	4	_____	
_____	_____	4	_____	

Complete **two (2)** of the following science course for licensure requirements

_____	_____	4	PHY101	Astronomy (NSM)
_____	_____	4	SCI106	Introductory Meteorology (NSM-L)
_____	_____			An introductory geology transfer course

Complete **one (1)** math/statistics course, chosen from MAT114, MAT145, MAT163, MAT164, or PSY215

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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)

_____	_____	4	_____	
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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 Signature _____ Date _____ Advisor Signature _____ Date _____

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