

Biology Education, Bachelor of Science

Suggested Graduation Plan									
Semester 1					Semester 2				
BIOL	200	General Biology I *+ with Lab	4		BIOL	202	General Biology II * with Lab	4	
EDUC	125	Intro to Teaching * (+Obs 126)	3		MATH	119	Trigonometry(Online Acadeum)	3	
RELT	141	Christian Beliefs +	3		HIST	157	The Modern World	3	
ENGL	110	Writing for General Audiences +	3		RELB		Elective	3	
COMM	105	Public Speaking +	2		BKNA		Elective	1	
CORE	100	College Success +	1						
Total Credits			16		Total Credits			14	
Semester 3					Semester 4				
CHEM	151	General Chemistry I * with Lab Additional Time	4		EDUC	218	Philosophy of Education	3	
ENGL	212	Writing for Scholarly Audiences +	3		CHEM	152	General Chemistry II * with Lab	4	
SCNC		Earth/Space Science Elective & Lab	4		CPTR	265	Educational Technology	3	
PHYS	151	General Physics & Lab	4		BIOL	112	Human Anatomy & Physiology II * with Lab	4	
BKNA	155	Concepts of Wellness + with Lab	2		EDUC	270	Research Writing	1	
Total Credits			17		Total Credits			15	
Summer					Summer				
BIOL	205	Microbiology * with Lab	4						
Semester 5					Semester 6				
EDUC	345	Learning Theory & Management	3		LITR	231	Survey of World Literature °+	3	
BIOL	366	Plants & Human Health *	4		EDUC	356	General Secondary Methods	3	
EDUC	476	Content Reading	3		EDUC	346	Special Education in the Classroom (+130)	3	
HMNT	305	Arts and Ideas (or ART/PHOT elective)	2		EDUC	418	Methods: Science Education	3	
EDUC	225	Educational Diversity (Multi) (+128)	1		BIOL	112	Human Anat & Phys II	4	
BIOL	111	Human Anat & Physiology I	4		EDUC	350	Seminar in Classroom Mgmt.	1	
Total Credits			17		Total Credits			17	
Semester 7					Semester 8				
EDUC	475	Student Teaching	16		SCNC	377	Origins *	3	
					BIOL	357	Animal Biology for Biomed & Vet Sc. *	4	
					EDUC	485	Issues in Education *	1	
					RELH	310	History of the SDA Church	3	
					PSYC	215	Developmental Psych	3	
					BIOL	386	Research Methods	1	
					RELT	455	Prophetic Guidance	3	
Total Credits			16		Total Credits			18	

Key

^ Alternate year course | ° Other courses may also meet this requirement. See the Union College Bulletin

* This class is specific to this major | + This satisfies a general education requirement

Notes

124 completed credit hours are required for graduation. 36 hours must be upper division (300 level or above).

This sample guide is intended only to show you how a program might be arranged. Course schedules may change and it is possible that your courses will not be taken exactly in the order shown. Your academic advisor will help you design a program around your educational needs and goals.

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Required courses

General Education Core

Required courses (41 hours)

Following Christ

A	RELB 141	Christian Beliefs	3
B	RELB	(Biblical Studies)	3
C	RELH 310	History of the SDA Church	3

Thinking Deeply as a Christian

	RELT 455	Prophetic Guidance in the Advent Mvts.	3
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Thinking Analytically

A	College-level science with a lab	3
or	BIOL 111 Human Anatomy & Physiology I (4)	
B	MATH 119 Trigonometry	3
or	CPTR 226 Intro to Programming (4)	

Communicating Effectively

A	COMM 105	Public Speaking	2
or	COMM 205	Intro to Interpersonal Communication	2
B	ENGL 110	Writing for General Audiences	3
C	ENGL 212	Writing for Scholarly Audiences	3

Engaging Globally

A	ANTH, ECON, GEOG, HIST, LEAD, PLSC, PSYC or SOCI	3
	PSYC 215	Developmental Psychology
B	An additional course from category 5A (different discipline)	3
	HIST 157	

Living with Purpose and Wonder

A	LITR	Not including children's or young adult lit	3
B	ART, HMNT 305, MUHL, MUTH or PHOT		3
C	HHPA 155	Concepts of Wellness	2
D	HHPA	Physical activity elective	1

College Success

A	CORE 100	College Success	1
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Biology Education Core and Cognates

Required courses (107 hours)

Core courses

BIOL 111	Human Anatomy and Physiology I	4
BIOL 112	Human Anatomy and Physiology II	4
BIOL 151	General Biology I	4
BIOL 152	General Biology II	4
BIOL 205	Microbiology	4
BIOL 357	Animal Biology for Biomed. & Vet. Science	4
BIOL 366	Plants and Human Health	4

Cognates

CHEM 151	General Chemistry I	4
CHEM 152	General Chemistry II	4
MATH 119	Trigonometry	3
PHYS 151	General Physics I	4
SCNC 377	Origins	3

Professional Education

EDUC 418	Methods: Science Education *	3
Additional Professional Education		58

It is strongly recommended that every student finish requirements for at least two subject endorsements. (See Education-Secondary Education Endorsements)

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