

# BIOLOGY EDUCATION – Secondary Subject Endorsement

Bachelor of Science

Curriculum Guide

## ▪ FIRST YEAR

### First Semester

BIOL	151	General Biology	4
EDUC	125	Introduction to Teaching	3
CPTR	220	Microcomputer Applications	3
ASTR	111	Astronomy	4
ENGL	111	College Writing I	3
			<u>17</u>

Total

### Second Semester

RELT	141	Christian Beliefs	3
BIOL	152	General Biology	4
HIST*	157	West and the World	3
COMM	105	Public Speaking	2
ENGL	112	College Writing II	3
HHPA		Activity Elective	1
			<u>16</u>

Total

## ▪ SECOND YEAR

### First Semester

CHEM	151	General Chemistry	4
HIST*	255	Issues in Early American History	3
MATH	111	College Algebra	3
EDUC	225	Educational Diversity (Multicultural)	1
BIOL	205	Microbiology	4
BIOL	375	Ecology	4
			<u>19</u>

Total

### Second Semester

CHEM	152	General Chemistry	4
EDUC	218	Philosophy of Education	3
LITR	232	Modern Western Literature	3
PSYC	215	Developmental Psychology	3
PHYS	111	Principles of Physics	4
			<u>17</u>

Total

## ▪ THIRD YEAR

### First Semester

EDUC	345	Learning Theories and Measurement	3
BIOL	416	Mammalian Physiology	4
EDUC	476	Content Reading	3
HMNT*	305	Arts and Ideas	2
EDUC	418	Methods: Science Education	3
		Fine Arts Elective	1
		Activity Elective	1
			<u>17</u>

Total

### Second Semester

BIOL	321	Genetics	4
EDUC	356	General Secondary Methods	3
EDUC	346	Special Education in the Classroom	3
HHPA	155	Concepts of Wellness	2
REL		Religion Elective	3
		Fine Arts Elective	1
			<u>16</u>

Total

## ▪ FOURTH YEAR

### First Semester

EDUC	475	Student Teaching	16
			<u>16</u>

Total

### Second Semester

BIOL	406	Cell and Molecular Biology	4
RELT	455	Prophetic Guidance	3
BIOL	477	Origins	3
EDUC	485	Issues in Education	1
RELH	310	History of the SDA Church	3
			<u>14</u>

Total

131 hours are required for graduation. 40 hours must be upper division (300 level or above).

\* Other courses may also meet this requirement. See the Union College Bulletin 2012.

^ Alternate year course.

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.