

B.A. Biology

Leading to Licensure 7-12

Suggested Sequence: 2008-2009 Catalog

1st Semester

BIOL 151	General Biology <i>fall</i>	4
CHEM 151	General Chemistry	4
EDUC 217	Psychological Foundations of Education	2
ENGL 101	College Composition I	3
HIST	Area C-1 History	3
NOND 101	Southern Connections	1
		17

2nd Semester

BIOL 152	General Biology <i>winter</i>	4
CHEM 152	General Chemistry	4
EDUC 138	Intro/Found of Secondary School Ed.	3
ENGL 102	College Composition II	3
RELT 138	Adventist Heritage	3
		17

Summer

PSYC 128	Developmental Psych or	3
EDUC 220	Growth Years	
Area B	Religion	3
		6

3rd Semester

CHEM 311	Organic Chemistry	4
BIOL 311	Genetics (W) <i>fall</i>	4
BIOL 317	Ecology	3
MATH 120	Precalculus Algebra*	3
Area C-2	Pol Sci/Econ	3
		17

4th Semester

CHEM 312	Organic Chemistry	4
ERSC 105	Earth Science	3
COMM 135	Intro to Public Speaking	3
MATH 215	Statistics	3
Area C-1	History	3
Area G-3	Rec Skills	1
		17

*Waived if equivalent math taken in high with min. grade of B.

Summer

BIOL 409	Smoky Mountain Flora or	3
BIOL 408	Flowering Plants & Ferns - 1st sem	
EDUC 319	Technology in Education**	3
		6

5th Semester

BIOL 312	Vertebrate Natural History <i>fall even</i>	3
BIOL 416	Human Anatomy - 2nd sem or	3
BIOL 418	Animal Physiology - 1st sem	
EDUC 340	Foundations of Inclusive Education	2
EDUC 356	Classroom Assessment	2
PHYS 127	Exploring Physics I	3
Area D-3	Fine Arts	3
Area G	Activity	1
		17

6th Semester

BIOL 412	Cell & Molecular Biology	4
EDUC 422	Behav Mngmt -- Secondary	2
EDUC 434	Literacy in the Content Areas	2
EDUC 437	Curriculum General Methods	1
PEAC 225	Fitness for Life	1
RELT 255	Christian Beliefs	3
Area D-3	Literature	3
		16

7th Semester

BIOL 424	Issues in Natural Sci & Rel (W)	3
BIOL 486	Biology Seminar	1
CHEM 341	Biochemistry I	4
EDUC 325	Philosophy of Christian Educ (W)	2
EDUC 438	Curriculum Content Methods	1
HLED 173	Health for Life	2
Area B	UD Religion	3
		16

8th Semester

EDUC 464	Teaching Seminar	2
EDUC 472	Enhanced Student Teaching 7-12	10
		12

TOTAL HOURS 141

**Students must meet prerequisites CPTe 100 & 105 or high school equivalent.

<i>Biology Core Courses</i>	32
<i>Cognates</i>	12
<i>Chemistry Minor</i>	20

<i>Professional Ed.</i>	35
<i>General Education (does not include duplicates)</i>	41

Note: Students must consult the catalog they are under and their degree audits to ensure that they have completed degree requirements. A chemistry minor is built into the program. Students with a foreign language deficiency need to take 6 hours of beginning foreign language and may omit the D-3 fine arts course.