

Composite Teaching—Biological Science Degree Plan

The suggested schedule shown below should be used in conjunction with the major requirement sheet at:
<http://www.usu.edu/majorsheets/>

Students should consult with their advisor to develop a plan of study tailored to their individual needs and interests.

Freshman Year (29 credits)

Fall Semester (14 credits)

BIOL 1610 Biology I	4
CHEM 1110 (BPS) General Chemistry I.....	4
University Studies or MATH ¹ prerequisite courses	6

Spring Semester (15 credits)

BIOL 1620 (BLS) Biology II.....	4
CHEM 1115 General Chemistry Laboratory	1
CHEM 1120 (BPS) General Chemistry II	4
University Studies or MATH ¹ prerequisite courses	6

Sophomore Year (31 credits)

Fall Semester (15 credits)

BIOL 2420 Human Physiology	4
BIOL 3060 (QI) Principles of Genetics	4
MATH 1210 (QL) Calculus I	4
University Studies courses	3

Spring Semester (16 credits)

BIOL 2220 General Ecology	3
GEO 1110 (BPS) The Dynamic Earth: Physical Geology.....	4
STAT 3000 (QI) Statistics for Scientists	3
University Studies courses	6

Junior Year (32-33 credits)

Fall Semester (17-18 credits)

BIOL 3065 ² Genetics Laboratory (2 cr) or	
SCI 4300 ² Science in Society (2 cr)	2
BIOL 3300 General Microbiology	4
PHYS 2110 General Physics—Life Sciences I (4 cr) or	
PHYS 2210 (QI) General Physics—Science	
and Engineering I (4 cr)	4
SCED 3400 ⁴ Teaching Science I	3
Upper-division Physiology elective with lab ³	4-5

Spring Semester (15 credits)

INST 4015 Technology Tools and Integration for Teachers	1
PHYS 2120 (BPS) General Physics—Life Sciences II (4 cr) or	
PHYS 2220 (BPS/QI) General Physics—Science	
and Engineering II (4 cr)	4
SCED 3100 Motivation and Classroom Management.....	3
SCED 3210 (CI/DSS) Educational and Multicultural Foundations	3
SCED 3300 Clinical Experience I	1
SCED 4400 ⁴ Teaching Science II	3

Senior Year (28 credits)

Fall Semester (16 credits)

BIOL 3065 ² Genetics Laboratory (2 cr) or	
SCI 4300 ² Science in Society (2 cr)	2
BIOL 3220 (QI) Field Ecology	2
BIOL 5250 (CI) Evolutionary Biology	3
SPED 4000 Education of Exceptional Individuals	2
SCED 4200 (CI) Reading, Writing, and Technology	3
SCED 4210 Cognition and Evaluation of Student Learning	3
SCED 4300 Clinical Experience II	1

Spring Semester (12 credits)

SCED 5500 Student Teaching Seminar	2
SCED 5630 Student Teaching in Secondary Schools	10

¹If students need Math courses prerequisite to MATH 1210, Calculus I, credits in addition to those listed here will be required.

²Both BIOL 3065 and SCI 4300 are required. BIOL 3065 is only offered during odd years.

³Courses that meet this requirement are also offered during spring semester.

⁴Students should complete SCED 3400 before enrolling in SCED 4400. All SCED prefix courses require STEP admission as a prerequisite. For details, students should consult their advisor.