



Broad Field Science Teaching Major:
 Grades 4-12 (Comprehensive)
 Academic Plan of Study
 2019-2021 Catalog

Name: _____ Student ID #: _____ Date: _____

University Studies Requirements

Core Courses *completed within first 60 credits

Course	Credits	Grade	Planned to Take
WRIT 102 College Writing II _____	3	_____	_____
WRIT 209 Business and Professional Writing _____	3	_____	_____
HHP 102 Wellness and a Positive Lifestyle _____	3	_____	_____
COMM 110 Intro to Speech Communications _____	3	_____	_____
MATH/CSCI _____	3-4	_____	_____

Humanities

Course	Course Title	Credits	Grade	Planned to Take
History _____		3	_____	_____
Literature _____		3	_____	_____
World Language, Culture, & Philosophy _____		3	_____	_____

Social Science (6 cr) *must include 2 different prefixes*

Course	Course Title	Credits	Grade	Planned to Take
Course 1 _____		3	_____	_____
Course 2 _____		3	_____	_____

Natural & Physical Sciences

Course	Course Title	Credits	Grade	Planned to Take
Environmental _____		2	_____	_____
Lab _____		4	_____	_____

Fine & Applied Arts

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation _____		3	_____	_____
Aesthetic Experience _____		3	_____	_____

Global Awareness & Diversity **may be fulfilled through other University Studies categories*

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness _____		3	_____	_____
Diversity _____		3	_____	_____

Broad-Field Science Teaching Major at the Early Adolescence-Adolescence Level (EA-E) Requirements

62 or 60 total credits required to include:

Biology required courses (12 credits required):

Course	Course Title	Credits	Grade	Planned to Take
BIOL 130	Principles of Biology I	4		
BIOL 132	Principles of Biology II	4		
	and			
BIOL 340	Ecology	4		
	or			
BIOL 330	Genetics	4		

Chemistry required courses (9 credits required):

Course	Course Title	Credits	Grade	Planned to Take
CHEM 105	General Chemistry I	5		
CHEM 106	General Chemistry II	4		

Earth and Space Science required courses (13-14 credits required):

Course	Course Title	Credits	Grade	Planned to Take
ENSC 100	Environmental Science	2		
PHYS 100	Astronomy	4		
GEOL 110	The Dynamic Earth	4		
	and			
CHEM 300	Chemistry of Natural Waters	3		
	or			
GEOL 315	Climatology	4		
	or			
GEOL 360	Geology Morphology	4		

Physics required courses (8 credits required):

Course	Course Title	Credits	Grade	Planned to Take
PHYS 107	Algebra-Based Physics I	4		
PHYS 108	Algebra-Based Physics II	4		

Note: PHYS 201 can substitute for PHYS 107. PHYS 202 can substitute for PHYS 108.

Math required courses (3 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 110	Algebra with applications	3		

In addition to the courses above, students must complete one of the options below:

Option 1: Science Teaching Licensure (Grades 4-12)

Science Teaching Methods (5 credits required):

Course	Course Title	Credits	Grade	Planned to Take
NSED 321	Teaching Elementary/Middle School Science	3		
NSED 339	Secondary Methods in Science Education	3		

Teaching Experience required courses (12 credits required):

Course	Course Title	Credits	Grade	Planned to Take
T ED 442	Student Teaching in the Middle/Secondary School	4-12		
T ED 449	Internship in Middle/Secondary School Teaching	6-12		

Option 2: Broad Field Science

Complete 15 additional credits of courses in BIOL, CHEM, ENSC, GEOL, NSED, or PHYS at 300+ level. A capstone course must be included.

Notes: