



Broad Field Science Teaching (4-12) (Comprehensive)  
Academic Plan of Study  
2021-2022 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 Requirements

60 or 62 total credits:

### Biology 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 _____ and one of the courses listed below:	4	_____	_____
BIOL 340	Ecology _____ or _____	4	_____	_____
BIOL 330	Genetics _____	4	_____	_____

### Chemistry courses (9 credits required):

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

**Note:** CHEM 305/306 – Quantitative Analysis Lecture & Lab is recommended.

### Earth and Space Science courses (13 credits required):

Course	Course Title	Credits	Grade	Planned to Take
ENSC 100	Environmental Science _____	2	_____	_____
PHYS 100	Astronomy _____	4	_____	_____
GEOL 110	The Dynamic Earth _____ and one of the courses listed below:	4	_____	_____
CHEM 300	Chemistry of Natural Waters _____ or _____	3	_____	_____
GEOL 315	Climatology _____ or _____		_____	_____
GEOL 360	Geomorphology _____	4	_____	_____

### Physics courses (8 credits required):

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

### Math courses (3 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 113	Algebra with Applications _____	3	_____	_____

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

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

### Science Teaching Methods courses (6 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 course (12 credits required):

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

The [Instruction Minor](#) (22 credits) must be completed with Option 1.

UW-Superior educational programs are approved by the Wisconsin Department of Public Instruction to fulfill licensure requirements for the state of Wisconsin. If you seek licensure in a state other than Wisconsin, please see the [UW-Superior Institutional Certification Office web page](#) for further information and assistance.

## 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.