

## BS in Biology: Environmental Stewardship and Education Major<sup>\$</sup>

### General Studies:

Composition & Oral Communication Outcome (6-10 credit hours)

2-3 courses, grade of C or better required

ENG 101 and ENG 102	—	—	COM 101	—
OR			(required for all students)	
ENG 103	—			

Analysis Outcome (3 credit hours; 7-11 credit hours of MATH and BIO/CHEM/PHYS satisfied within major requirements)

Students must take one course:

COM 203 (Arg/Debate)	—	LING 150 (Intro Ling)	—
ECON 103 (Microecon)	—	PHIL 210 (Logic)	—
FIN 131 (Financial Lit)	—	PSYC 101 (Intro to Psych)	—

Cultural Literacy Outcome (18 credit hours)

Students must take courses from each literacy block as directed:

<u>History (1 Course)</u>	<u>Literature (1 Course)</u>
HIST 103, 104, 210, 211	ENG 202, 204, 205, 214, 215

Arts & Humanities (2 Courses)

1 courses from each group

GROUP I:

ART 140, 341, 343,  
MUS 130, 132, 133, 134  
THE 100, 300

GROUP II:

PHIL 201, 205  
REL 250, 335  
Any FREN or SPAN  
SPA 252

Social Sciences (2 Courses)

2 courses from different groups

GROUP I:

GEO 205, 206

GROUP II:  
POLS 101, 201, 202

GROUP III:

SOC 150, SWK 201

### Science Core Courses: (55 hours)

BIO 124/125 <sup>†</sup> (Prin Bio/lab; 4h) ___/___	BIO 235 (Environ Pol & Iss; 3h) ___
BIO 200 (Botany & lab, 4h) ___	BIO 404/405 (Ecology/lab; 4h) ___
BIO 202/203 (Zoology/lab; 4h) ___	BIO 406 (Field Bio, 4h) ___
BIO 207 (Funds Eco/Biodiv; 3h) ___	BIO 440 (Conservation Bio, 4h) ___/___
BIO 224 (Field Natural Hist; 3h) ___	BIO 479 (Intern, 6h) ___
BIO 225 (Ecol Hab & Bio ter; 3h) ___	MATH 160 <sup>†</sup> (Stats; 3-5h) ___
300-400 level BIO course(s); 5h ___	

<sup>†</sup>Courses fulfill General Studies Analysis Outcome, Quantitative and Scientific blocks.

Revised 2/26/2016; approved 3/15/2016; effective Fall 2016; revised 11/17/2016; revised 4/11/2017; revised 6/5/2018; revised 1/14/2020; revised 3/9/2021; revised 4/13/2021; revised 12/2021

**Additional Courses to be taken from the College of Liberal Arts: students will choose a minor in Geography or Criminal Justice (with approval) (15 credit hours). Students choosing to double major will not be required to complete a minor.**

Geography minor:

GEO 205 (Intro to Geo; 3h)	___	GEO 206 (World Reg Geo; 3h)	___
GEO 306 (Phys Geo; 3h)	___	GEO 400 (Cultural Geo; 3h)	___
300-400 level GEO elect; 3h	___		

Criminal Justice minor:

CJ 152 (Intro to CJ; 3h)	___	CJ 303 (Criminal Law; 3h)	___
CJ 236 (Criminology I; 3h)	___	CJ 480 (Contemp. Law Enf; 3h)	___
CJ 281 (Contemp Correct; 3h)	___		

**Required Courses for the Environmental Education Concentration: (15 credit hours)**

CHEM 100/101<sup>†</sup> (Found.; 4h) \_\_\_/\_\_\_  
 EDUC 201 (Human Development; 3h) \_\_\_  
 CEP 443 (Fundraising and Grant Writing; 3h) \_\_\_  
 CEP 422 (Outdoor Learning Spaces; 3h) \_\_\_  
 CEP 411 (Nonformal Educational Models; 3h) \_\_\_  
 CEP 433 (Program Design & Implementation; 3h) \_\_\_

**Required Courses for the Environmental Stewardship Concentration: (20 credit hours)**

CHEM 110/111<sup>†</sup> (General Chemistry I; 4h) \_\_\_  
 CHEM 112/113 (General Chemistry II; 4h) \_\_\_  
 MATH 140 (College Algebra, 4h) \_\_\_  
 OR  
 MATH 130 (College Algebra with Applications) \_\_\_  
 BIO 221 (Biostats; 3h) \_\_\_  
 BIO 480 (Capstone; 2h) \_\_\_  
 Additional 3 credit hours in 300-400 level BIO, GEO, or CHEM electives

- Major requires a cumulative 2.5 gpa in all math and sciences courses with at least a "C" in each course within the program, including the minor.
- <sup>†</sup>These worksheets are to be used as a guide. Each student is responsible for their curriculum and meeting the requirements for graduation as stipulated in the college catalog.
- Courses may not be offered every semester and/or year; please consult with Biology advisor for course sequencing.
- 120 credit hours are required for graduation; 40 of these credit hours must be 300-400 level.