

BS in Biology: Environmental Stewardship and Education Major^{\$}

General Studies for B.S. degree:

Communication Outcome (6-9 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 (20-21 credit hours; 11-12 credit hours satisfied within major requirements):

Students must take courses from each analytical block as directed:

Critical Reading (1 Course)

ENG 200-400 Literature, any

Economics/Finance (1 Course)

ECON 103, 104, OR FIN 131

Logic/Critical Assessment (1 Course)

LING 150, PSYC 101 OR PHIL 210

Self and Cultural Awareness Outcome (18 credit hours):

Students must take courses from each awareness block as directed:

Fine Arts (1 Course)

ART 140, 340, 341, 343,
FA 101, MUS 130, 132, 133,
THE 100, 300

Perceptions & Cultures (5 Courses)

4 Courses from different groups
GEO 205, 206
POLS 101, 201
SOC 150, SWK 201
REL, any
SPAN, FREN, SPA 252
HE 250
PHIL, any except PHIL210

1 Course HIST

HIST 103, 104, 210, 211

Science Core Courses: (54 hours)

BIO 124/125 ^t (Prin Bio/lab; F/S 4h)	___/___	BIO 235 (Environ Pol and Iss; 3h)	___
BIO 200 (Botany & lab, 4h)	___	BIO 404/405 (Ecology/lab; S 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 and Bio: ter; S 3h)	___	MATH 140 ^t (Col Alg; F/S 3h)	___
300-400 level biology course(s); 5h	___	CHEM 100/101 ^{*t} (Found.; 4h)	___/___

^{*}CHEM 100/101 required for Environmental Education Concentration; Environmental Stewardship Concentration requires CHEM 110/111¹ and CHEM 112/113.

¹Courses fulfill General Studies Analysis Outcome, Quantitative and Scientific blocks.

Additional Courses to be taken from the College of Liberal Arts: students will choose a minor in Geography, Physical Landscapes, or Criminal Justice (with approval) (15-18 credit hours)

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	—		

Physical Landscapes minor:

GEO 303 (Prac App in GIS; 3h)	—	GEO 306 (Phys Geo; 3h)	—
GEO 317 (Geo of Disasters; 3h)	—	GEO 405 (Env Geo; 3h)	—
300-400 level GEO elect; 3h	—		

Criminal Justice minor:

CJ 152 (Intro to CJ; 3h)	—	CJ 302 (Ethics in CJ; 3h)	—
CJ 236 (Criminology I; 3h)	—	CJ 303 (Criminal Law; 3h)	—
CJ 281 (Contemp Correct; 3h)	—	CJ 480 (Contemp. Law Enf; 3h)	—

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

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 and Implementation; 3hrs)	—

Required Courses for the Environmental Stewardship Concentration: (19 credit hours)

CHEM 110/111 [†] (General Chemistry I; 4h)	—
CHEM 112/113 (General Chemistry II; 4h)	—
BIO 221 (Biostats; 3h)	—
BIO 480 (Capstone; 1h)	—

Additional 7 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.
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- 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.