

## General Education

### Foundations: (13 Credits)

#### Oral Communication (3 Credits)

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#### Quantitative Reasoning (4 Credits)

☐ STAT 2020 Statistics

#### Technological Literacy (3 Credits)

☐ GIS 1210 Mapping our Environment

#### Written Communication (3 Credits)

☐ ENGL 1200 College Composition

### Discoveries: (28 Credits)

At least two (2) disciplines must be represented within each of the three (3) categories.

#### Art/Humanities (9 Credits)

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#### Natural Sciences & Technology (10 Credits)

☐ GEOL 1500 Dynamic Earth  
☐ GEOG 2150 Conservation of Natural Resources  
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#### Social Sciences (9 Credits)

☐ GEOG 1050 People and the Planet: Geography in a Changing World  
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### Elective/Wellness & Personal Health: (3 Credits)

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### Competencies:

#### Applied Methodologies

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#### Ethical Reasoning

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#### Information Literacy

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#### Intercultural Fluency

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#### Keystone Experience

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#### Quantitative Applications

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#### Writing Intensive - Two (2) courses are required

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## Program Requirements

### Required Major Courses: (14 Credits)

- ☐ BIOL 1400 Intro to Ecology and Evolution
- ☐ BIOL 1700 Organismal Biology
- ☐ ATMS 1500 Environmental Atmospheric Sciences
- ☐ GIS 2100 Geographic Informational Systems

### Required Concentration Courses: (30 Credits)

- ☐ BIOL 2020 Intro to Sustainability
- ☐ GEOG 3410 Sustainable Development
- ☐ GIS 2300 Environmental Remote Sensing I
- ☐ ATMS 1700 Climate Change I or ATMS 2000 Climatology
- ☐ Any ATMS class 3000 or Higher
- ☐ 2nd ATMS class 3000 or Higher
- ☐ Any GIS course 3000 or Higher
- ☐ **Select one (1):** GEOG 4110 Geography of Water Resources, GEOL 3350 Earth & Energy Resources, GEOL 4600 Watershed Evaluation, GEOG 4130 Forest Geography & Conservation, BIOL 3335 Sustainable Agriculture, FWSC 4435 Natural Resource Law & Policy, GIS 3050 Spatial Methods in Energy & Natural Resources
- ☐ **Select one (1):** BIOL 3335 Sustainable Agriculture, BIOL 3399 Conservation Biology, FWSC 4435 Natural Resource Law & Policy, GEOG 3320 Sustainable Cities, GEOG 4410 Environmental Planning, GEOG 3420 Environmental Disasters Management & Mapping, ATMS 4400 Climate Risk Assessment
- ☐ **Select one (1):** GEOG 3550 Field Natural History, GEOL 4000 Geology Field Course, GEOL 4100 Field Methods in Geology, BIO 4480 Topics in Field, BIOL 4951 Internship, BIOL 4999, ATMS 3750 Field Trip in Atmospheric Science, or Any PLE course or course from an approved field station.

### Major Electives: (15 Credits)

Any courses 3000 or above from ATMS, BIOL, FWSC, GEOL, GEOG, GIS, or PLE

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### Free Electives: (18 Credits)

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## Suggested Four Year Course Sequence

### Year 1

#### Fall Semester

ATMS 1500  
GEOG 1050  
GGIS 1210  
ENGL 1200  
Any Discoveries Course

#### Spring Semester

ATMS 2000 or ATMS 1700  
BIOL 2020  
GEOG 2150  
GLGY 1500  
Any Wellness or Discoveries Course

### Year 3

#### Fall Semester

Any ATMS 3000 or higher  
GEOG 3410  
Any GGIS 3000 or higher  
Any Discoveries Course  
Free Elective

#### Spring Semester

Required "Natural Resource" elective  
Required "Environmental Policy" elective  
Any Discoveries Course  
Any Discoveries Course  
Any ATMS 3000 or higher

### Year 2

#### Fall Semester

Free elective  
BIOL 1400  
GGIS 2100  
STAT 2020  
Any Discoveries Course

#### Spring Semester

BIOL 1700  
GGIS 2300  
Oral Communication  
Any Discoveries Course  
Free Elective

### Year 4

#### Fall Semester

Required "Field Experience" elective  
Major Electives (3000+ from ATMS,BIOL,FWSC,-  
GEOL,GEOG,GGIS,PLE)  
Major Electives (3000+ from ATMS,BIOL,FWSC,-  
GEOL,GEOG,GGIS,PLE)  
Free Elective

#### Spring Semester

Major Electives (3000+ from ATMS,BIOL,FWSC,-  
GEOL,GEOG,GGIS,PLE)  
Major Electives (3000+ from ATMS,BIOL,FWSC,-  
GEOL,GEOG,GGIS,PLE)  
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GEOL,GEOG,GGIS,PLE)  
Free Elective  
Free Elective

