

General Education

Foundations: (12 Credits)

Oral Communication (3 Credits)

Written Communication (3 Credits)

ENGL 1200 College Composition

Quantitative Reasoning (4 Credits)

STAT 2020 Statistics

Technological Literacy (3 Credits)

GIS 1210 Mapping our Environment

Discoveries: (Credits 28)

Art/Humanities (9 Credits)

Social Sciences (9 Credits)

GEOG 1050 People and the Planet: Geography in a Changing World

Natural Sciences & Technology (10 Credits)

GEOL 1500 Dynamic Earth

GEOG 2150 Conservation of Natural Resources

Wellness & Personal Health: (3 Credits)

Competencies:

Quantitative Applications

Applied Methodologies

Intercultural Fluency

Ethical Reasoning

Information Literacy

Writing Intensive

Keystone Experience

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

Any GIS course 3000 or Higher

GEOG 4110 Geography of Water Resources, GEOL 3350 Earth and Energy Resources, GEOL 4600 Watershed Evaluation, GEOG 4130 Forest Geography and Conservation, BIOL 3335 Sustainable Agriculture, FWSC 4435 Natural Resource Law and Policy, GIS 3050 Spatial Methods in Energy and Natural Resources

BIOL 3335 Sustainable Agriculture, BIOL 3399 Conservation Biology, FWSC 4435 Natural Resource Law and Policy, GEOG 3320 Sustainable Cities, GEOG 4410 Environmental Planning, GEOG 3420 Environmental Disasters Management and Mapping, ATMS 4400 Climate Risk Assessment

GEOG 3550 Field Natural History, or GEOL 4000 Geology Field Course, or GEOL 4100 Field Methods in Geology, BIO 4480 Topics in Field, BIOL 4951 Internship, BIOL 4999, ATMS 3750 Field Trip in Atmospheric Science, 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, PLE

Free Electives: (18 Credits)

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