

## Core Curriculum – 33 credits

GEOL 100 (or GEOL 101) and 100L (How Earth Works/Environmental Geology, 4 credits)  
MTEOR 140 (Climate and Society, 3 credits)  
AGRON/MTEOR 206 (Introduction to Weather and Climate, 3 credits)  
CRP 293 (Environmental Planning, 3 credits)  
or Soc 220 (Globalization and Sustainability, 3 credits)  
GEOL 324 (Energy in the Environment, 3 credits)  
JLMC 347 (Science Communication, 3 credits)  
ECON 380 (Energy, Environmental and Resource Economics, 3 credits)  
MTEOR 360X (Ocean/Atmosphere Interactions, 3 credits)  
MTEOR 404 (Global Change, 3 credits)  
GEOL 415 (Paleoclimatology, 3 credits)  
CAPSTONE CHOICE (2 credits)

## Supporting courses – 24 credits

ECON 101, (3 credits)  
CHEM 163 and 163L, CHEM 167 and 167L, or CHEM 201 and 201L, (5 credits)  
MATH 160 or Math 165, (4 credits)  
STAT 305, STAT 101, or STAT 104,(3 credits)  
PHYS 131 and 131L or PHYS 231 and 231L, (5 credits)

## Food, Agriculture and Biodiversity Pathway – 15 credits

### Choose 15 credits:

AECL231 (Principals of Wildlife and Fisheries Conservation; 3 cr)  
AECL471 (Conservation Biology; 3 cr)  
AGRON 180 Global Ag in a Changing World (3 credits)  
AGRON 181 (Intro to Crop Sci, 3 cr)  
AGRON 182 (Intro to Soil Science; 3 cr)  
AGRON 316 (Crop structure-func relationship; 3 cr)  
AGRON 317 (Principles of Weed Science; 3 cr)  
AGRON 334 (Forest Crop Management; 3 cr)  
AGRON 342 (World Food Issues; 3 cr)  
AGRON 405 (Environmental Biophysics; 3 cr)  
AGRON 406 (World Climates; 3 Cr)  
BIOL204 (Biodiversity; 2 cr)  
BIOL 211 (Principles of Biology I; 3 cr)  
BIOL 312 (Ecology, 4 cr)  
BIOL355 (Plants and People; 3 cr)  
BIOL366 (Plant Systematics; 3 cr)  
BIOL370 (GIS for Ecology and Environ. Science; 3 cr)  
OR NREM 446 (Integrating GPS and GIS for Nat. Resource Management; 3 cr.)  
ENT 370 (Introduction to Entomology; 3 cr.) OR AECL366 (Natural History of Iowa Vertebrates; 3 cr.) OR BIOL354 (Animal Behavior; 3 cr)  
ENT 374 (Insects and Our Health; 3cr)  
ENT 471 (Insect Ecology; 3 cr)  
GLOBE 304 (Socio-Economic Global Resource Systems; 3 cr.)  
GLOBE 360 (Global Health, 3 cr)  
HORT 342 (Landscape Plant Installation, Establishment, and Management  
HORT/NREM 475 (Urban Forestry; 3 cr.)  
NREM 301 (Natural Resource Ecology and Soils; 4 cr.)  
NREM 311 (Field Ecology in Montana; 4 cr.)  
NREM 390 (Fire Ecology and Management, 3 cr)  
NREM452 (Ecosystem Management 3 cr)