AREA: Earth and Environmental Sciences/Environmental Science Track

Bachelor of Science Degree
CIP 40.0601

University Studies Requirements .......... 38-43 hrs
(See Academic Degrees and Programs.)

Required Courses ........................................ 52 hrs
ARC 150 Introduction to Archaeology¹
ARC 320 Human Ecology
BIO 103 Saving Planet Earth
CHE 105 Introductory Chemistry
ECO 231 Principles of Microeconomics
EES 100T Transitions
EES 101 The Earth and the Environment²
EES 110 World Geography¹
EES 125 Weather and Climate²
EES 202 Intro to Geographic Information Science
EES 210 Hydrology
EES 301 Understanding Scientific Communication
EES 312 Introduction to Remote Sensing
EES 336 Principles of Geomorphology
EES 350 Field Techniques in Geosciences
EES 424 Conservation and Environmental Geosciences

Required Limited Electives ...................... 6 hrs
(choose from the following approved electives)
BIO 101 Biological Concepts
CHE 210 Brief Organic Chemistry
ECO 345 Environmental Economics
EES 200 Introduction to Oceanography
EES 303 Introduction to Water Science
EES 314 Sediments and Soils
EES 426 Applied Meteorology
EES 489 Cooperative Education/Internship
EES 507 Land Use Planning
EES 536 Soils and Geomorphology
EES 542 Watershed Ecology
EES 562 Hydrogeology
EES 565 Biogeochemistry
EES 578 Terrestrial Ecosystem Modeling
EES 579 Remote Sensing of Vegetation
EES 591 Special Problems
EES 592 Special Problems
EES 593 Special Problems
ENG 371 Literature and the Environment
ENT 286 Intro to Environmental Engineering Technology
PHI 376 Environmental Ethics

Collateral requirements ......................... 7-8 hrs
MAT 150² (or above) or STA 135² (or above)
CSC 101³ or CSC 199³

Unrestricted Electives ......................... 11-17 hrs

Total Curriculum Requirements .......... 120 hrs

¹Will count towards University Studies Global Awareness, Cultural Diversity, and the World’s Artistic Tradition requirements.
²Will count towards University Studies Scientific Inquiry, Methodologies, and Quantitative Skills requirements.
³This is a University Studies electives writing-intensive or technology-intensive course.