

Generalist Track. Students choosing this track will gain the broadest perspectives on environmental issues. Their curriculum will incorporate environmental perspectives and basic knowledge from up to 11 distinct disciplines in the natural sciences, social sciences, and the humanities.

Contact: Dr. Alec Foster

ELECTIVE TRACK A—GENERALIST TRACK

2 courses from the following:

BSC 202 Human Ecology (3 hrs)
BSC 211 Economic Botany (4 hrs)
BSC 223 Ecology & Conservation of Plants (4 hrs)
BSC 280 conservation of Animal & Plant Biodiversity (3 hrs)
BSC 311 Rain Forest Ecology (3 hrs)
BSC 375 Stream Ecology Lecture (3 hrs)
BSC 376 Stream Ecology Laboratory (1 hr)
CHE 215 Analytical Chemistry (3 hrs) (216 lab (1 hr) may also be taken)
CHE 220 Elementary Organic Chemistry (5 hrs)
CHE 360 Physical Chemistry I (3 hrs) (361 lab (1 hr) may also be taken)
CHE 362 Physical Chemistry II (3 hrs) (363 lab (1 hr) may also be taken)
GEO 276 Environmental Geology (3 hrs)
GEO 306 Regional & Areas Studies (3 hrs)
GEO 314 Aqueous Geochemistry (3 hrs)
GEO 318 Aquifer Systems (3 hrs)
GEO 341 Climate & Global Environmental Change (3 hrs)
GEO 344 Biogeography: Distribution of Life (3 hrs)
GEO 360 Groundwater Geology (3 hrs)
GEO 361 Hydrology (3 hrs)
GEO 380 Geomorphology (3 hrs)
GEO 382 Glacial & Quaternary Geology (3 hrs)
PHY 318 OR CHE 318 Methods of Computational Science (3 hrs)

2 courses from the following:

ANT 273 Foodways (3 hrs)
ANT 375 Landscape Archaeology (3 hrs)
COM 274 Environmental Communication (3 hrs)
ECO 236 Economics of Energy & Public Policy (3 hrs)
ECO 255 Introduction to Environmental & Natural Resource Economy (3 hrs)
GEO 317 Water Resource & Environmental Law (3 hrs)
GEO 334 Political Ecology (3 hrs)
PHI 250 Philosophy of Science (3 hrs)
PHI 310 Topics in Philosophy of Science (3 hrs)
POL 236 Environmental Politics & Policy (3 hrs)
POL 252 International Organizations (3 hrs)
SOC 241 People in Places: Understanding & Developing Community (3 hrs)
SOC 302 Animals & Society (3 hrs)
SOC 330 Society & Environment (3 hrs)

1 course from the following:

GEO 304 Advanced Geographic Information Systems (4 hrs)

GEO 305 Remote Sensing (4 hrs)

GEO 308 Statistics for Geographers II (3 hrs)

IT 165 Computer Programming for Scientists (4 hrs)

IT 166 Python Programming for Science & Data Analysis (4 hrs)

POTENTIAL CAREERS	POTENTIAL EMPLOYERS
<p>Environmental Educator Sustainability Coordinator Environmental Analyst Environmental Public Relations Specialist Ecotourism Guide Environmental Policy Coordinator Environmental Communications Associate Corporate Social Responsibility Manager Green Entrepreneur Community Organizer Environmental Justice Coordinator Environmental Research Associate</p>	<p>Federal Government</p> <ul style="list-style-type: none">• National Park Service• Environmental Protection Agency• U.S. Geological Survey• Forest Service• U.S. Department of Agriculture• National Oceanic and Atmospheric Administration <p>State Government</p> <ul style="list-style-type: none">• Illinois Environmental Protection Agency• Illinois Department of Natural Resources <p>Local Government</p> <ul style="list-style-type: none">• Water Departments• Sustainability Departments• Planning Departments <p>Private Sector</p> <ul style="list-style-type: none">• Patagonia• S.C. Johnson & Son• Energy utilities• Environmental consulting firms <p>Non-governmental Organizations</p> <ul style="list-style-type: none">• Natural Resources Defense Council• World Wildlife Fund• World Trade Organization• Sierra Club• World Resources Institute• The Nature Conservancy