

Focus Area: Ecological and Environmental Planning

Possible Co-majors and/or Minors

- Environmental Studies
- Economics
- Political Science
- Sociology

Core Planning Electives

- CRP 417 Urban Revitalization
- CRP 425 Growth Management
- CRP 484 Sustainable Communities
- CRP 442 Site Development
- CRP 491 Environmental Law
- CRP 451 Geographic Information Systems

Planning-related Electives

- CRP 270 Forces Shaping Our Metropolitan Environment
- CRP 293 Environmental Planning
- CRP 475 Grant Writing
- CRP 452 Geographic Data Management and Planning Analysis
- Anthr 230 Globalization and the Human Condition
- Agron 156 Soils for Urban use
- Agron 260 Soils and Environmental Quality
- Agron 473 Soil Genesis and Landscape Relationships
- Agron 450 Issues in Sustainable Agriculture
- Arch 357 Environmental Forces in Architecture
- Bio 101 Introduction to Biology
- Bio 165 Field Botany
- Bio 173 Environmental Biology
- Bio 204 Intro to Biodiversity
- CE 326 Principles of Environmental Engineering
- CE 372 Engineering Hydrology and Hydraulics
- Econ 376 Urban and Regional Economics
- Econ 380 Environmental and Resource Economics
- EnvS 130 Natural Resources and Agriculture
- EnvS 201 Introduction to Environmental Issues
- Env S 324 Energy and Environment
- EnvS 382 Environmental Sociology
- Env S 390 Internship in Environmental Studies
- For 453 Forest Resource Policy and Administration
- For 475 Urban Forestry
- Hist 472 American Environmental History
- Hort 424 Sustainable and Environmental Horticulture Systems
- LA 373 Landscape Architecture History
- LA 4611 Introduction to GIS (environmental planning apps)
- LA 4801 Introduction to Environmental Planning

- Mteor 404 Global Change
- NREM 110 Orientation in Natural Resource Ecology and Management
- NREM 120 Intro to Renewable Resources
- NREM 285 The National Parks: Culture and Nature
- Pol Sci 482 Environmental Politics and Policies
- Soc 382 Environmental Sociology

Internship Ideas

Local governments (sustainability planning, parks planning, biodiversity planning)

Iowa Natural Heritage Foundation, Nature Conservancy, other conservation NGOs

Waste management agencies, like Bluestem or MetroWaste

State government agencies, either “conservation” side or “pollution mgmt/prevention” side

For career/skills/opportunities information, search listings at:

GenGreen www.gengreen.org

Tree Hugger Jobs www.treehugger.com

Green Career Central www.greencareercentral.com

High Country News www.hcn.org

GreenCorps www.greencorps.org

Skill/Field Areas

Environmental land use: soil erosion/hydrology/buffering, GIS and landscape modeling, landscape ecology, site design and subdivision control, site-to-subdivision green infrastructure

Community and environment: sustainable communities, healthy communities, environmental justice, managing risks such as lead paint and asbestos, building healthier communities through local food networks, recreational opportunities and green infrastructure

Environmental policy: economics, law, public participation, risk and health, environmental politics