

NATURAL RESOURCE CONSERVATION MINOR

for the Undergraduate Minor in Natural Resource Conservation

The Natural Resource Conservation minor offers an integrated approach to managing natural resources from a sustainability perspective. This minor addresses the diverse biological, physical, social, economic, and political aspects of natural resources and stewardship. Ultimately, this curriculum offers students interested in the conservation of natural resources a challenging and rewarding experience while simultaneously preparing them for future careers requiring a fundamental and strong background in the management and conservation of natural resources. A minimum of 18 hours are required for this minor, of which at least 6 credit hours must be 400-level. Courses taken to fulfill the minor may not be counted toward the major in Natural Resources and Environmental Sciences.

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Code	Title	Hours
Required Courses for a Minor in Natural Resource Conservation		
NRES 102 or NRES 100	Introduction to NRES Fundamentals of Env Sci	3
NRES 287 or NRES 219	Environment and Society Applied Ecology	3
General Electives		
Minimum of 12 credit hours, at least 6 of which must be 400-level, selected from:		12
NRES 108	Env Sc & Nat Resource Careers	
NRES 201	Introductory Soils	
ACE/NRES 210	Environmental Economics	
NRES 219 or NRES 287	Applied Ecology Environment and Society	
ACE/NRES 310	Natural Resource Economics	
NRES 302	Dendrology	
NRES 325	Natural Resource Policy Mgmt	
NRES 340	Environ Social Sci Res Meth	
NRES 348	Fish and Wildlife Ecology	
NRES 351	Introduction to Environmental Chemistry	
NRES 362	Ecology of Invasive Species	
NRES 402		
NRES 407	Wildlife Population Ecology	
NRES 409	Fishery Ecol and Conservation	
NRES 415	Native Plant ID and Floristics	
NRES 418	Wetland Ecology & Management	
NRES 419	Env and Plant Ecosystems	
NRES 420	Restoration Ecology	
NRES 421	Quantitative Methods in NRES	
NRES 423		
NRES 424		
NRES 427	Modeling Natural Resources	
NRES 428	Valuing Nature	

NRES 429	Aquatic Ecosystem Conservation
NRES 438	Soil Nutrient Cycling
NRES 439	Env and Sustainable Dev
NRES 454	GIS in Natural Resource Mgmt
NRES 455	Advanced GIS for Environmental Management
NRES 465	Landscape Ecology
NRES 471	Pedology
NRES 472	Environmental Psychology
NRES 474	Soil and Water Conservation
NRES 475	Environmental Microbiology
NRES 480	Human-Wildlife Interactions
NRES 482	Aquatic Biogeochemistry
NRES 485	Stream Ecosystem Management
NRES 487	Soil Chemistry
NRES 488	Soil Fertility and Fertilizers
Total Hours	18

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The Natural Resource Conservation Minor provides a fundamental and strong background in the management and conservation of natural resources. Courses in the minor are also part of the NRES major and each course addresses one or more of the following NRES major learning outcomes:

1. Understand the scientific method/ways of knowing and critically evaluate information.
2. Integrate principles of biological, chemical, physical, and social sciences and apply them to resource and environmental issues using a systems approach.
3. Understand ecological principles underpinning management of resources, populations, communities, and ecosystems.
4. Use data collection and analysis tools (such as field methods, GIS, modeling, and statistics) to develop plans for managing resource/environmental challenges and adapt plans in response to rapid change.
5. Understand the policies governing resources and the environment and identify social dimensions (stakeholders, interests, tradeoffs, synergies, ethical principles) to consider in the development of management plans.
6. Communicate effectively with colleagues, stakeholders, and the public about environmental and resource management issues.
7. Recognize how diverse groups understand the environment, experience positive and negative environmental impacts, and perceive just and equitable solutions.

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Natural Resources & Environmental Sciences

Natural Resources & Environmental Sciences website (<https://nres.illinois.edu/>)

W-503 Turner Hall, 1102 S. Goodwin Ave., Urbana, IL 61801
(217) 333-2770

Natural Resources & Environmental Science email (nres@illinois.edu)

College of Agricultural, Consumer & Environmental Sciences

College of Agricultural, Consumer & Environmental Sciences website
(<https://aces.illinois.edu/>)

ACES Office of Academic Programs

128 Mumford Hall, 1301 West Gregory Drive, Urbana, IL 61801

Advising

(217) 333-5824

NRES Student Services email (nres-ssc@illinois.edu)

Advising website (<https://nres.illinois.edu/academics/undergraduate-degree/academic-resources/>)

Admissions

ACES Undergraduate Admissions (<https://aces.illinois.edu/admissions/>)

Visit ACES email (visitACES@illinois.edu)

(217) 333-3380

University of Illinois Undergrad Admissions ([https://](https://www.admissions.illinois.edu/)

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