

NATURAL RESOURCES & ENVIRONMENTAL SCIENCES: HUMAN DIMENSIONS OF THE ENVIRONMENT, BS

for the degree of Bachelor of Science Major in Natural Resources & Environmental Sciences, Human Dimensions of the Environment Concentration

Human Dimensions of the Environment emphasizes the social scientific interpretations of human-environment interactions at multiple levels, as well as applied policy and management implications. This concentration requires advanced coursework in behavior change science, natural resource economics, environmental and conservation psychology, communications, social impact assessment, environmental policy, and environmental law. Students who have completed degrees in this concentration have gone on to careers in natural resource management, environmental policy, law, advocacy, and education.

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Prescribed Courses including Campus General Education

Code	Title	Hours
Composition I and Speech		
Select one of the following:		6-7
RHET 105 & CMN 101	Writing and Research and Public Speaking (or equivalent) (see College Composition I requirement)	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
Advanced Composition		
Select from campus approved list		3-4
Cultural Studies		
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.		9
Foreign Language		
Coursework at or above the third level is required for graduation.		
Quantitative Reasoning I		
Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
Quantitative Reasoning II		
Select one of the following:		3-4
ACE 261		
CPSC 241	Intro to Applied Statistics	
ECON 202	Economic Statistics I	
PSYC 235	Intro to Statistics	
SOC 280	Intro to Social Statistics	

STAT 100	Statistics	
Natural Sciences and Technology		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
IB 103	Introduction to Plant Biology	4
Select one of the following:		4-5
IB 104	Animal Biology	
or IB 150 & IB 151	Organismal & Evolutionary Biol and Organismal & Evol Biol Lab	
Select one of the following:		3-5
GGIS 103	Earth's Physical Systems	
GEOL 107	Physical Geology	
PHYS 101	College Physics: Mech & Heat	
PHYS 211	University Physics: Mechanics	
MCB 100	Introductory Microbiology	
Humanities and the Arts		
Select from campus approved list.		6
Social and Behavioral Sciences		
ACE 100	Introduction to Applied Microeconomics	3-4
or ECON 102	Microeconomic Principles	
Select one additional course from campus approved list.		3-4
Natural Resources and Environmental Sciences Required (Core)		
NRES 102	Introduction to NRES	3
NRES 201	Introductory Soils	4
NRES 219	Applied Ecology	3
NRES 287	Environment and Society	3
NRES 325	Natural Resource Policy Mgmt	3
NRES 348	Fish and Wildlife Ecology	3
NRES 421	Quantitative Methods in NRES	3
NRES 454	GIS in Natural Resource Mgmt	4
NRES 456	Integrative Ecosystem Management	3
NRES 285	Field Experience	1,2
One additional Field Experience course		1-2
NRES 285	Field Experience (repeatable)	
NRES 293	Professional Internship	
NRES 294	Resident Internship	
NRES 295	Undergrad Research or Thesis	
NRES 396	UG Honors Research or Thesis	
ACES Required		
ACES 101	Contemporary Issues in ACES	2
Required Concentration		
Concentration prescribed courses. See specific requirements for each concentration listed below.		19-29
Total Hours		126
Code	Title	Hours
Concentration Core Requirements		
NRES 340	Environ Social Sci Res Meth	3
NRES 472	Environmental Psychology	4
ACE 310	Natural Resource Economics	3
Concentration Elective Requirements		

Two Social Science Courses		6-8
NRES 423	Politics of International Conservation and Development	
NRES 424	US Environ, Justic & Policy	
NRES 428	Valuing Nature	
NRES 430	Comm in Env Social Movements	
ACE 210	Environmental Economics	
ACE 406	Environmental Law	
GEOG 496		
LA 370	Environmental Sustainability	
MDIA 223	Watching the Environment	
SOC 447	Environmental Sociology	
One Conservation/Development/Ecology Course		3-4
NRES 302	Dendrology	
NRES 362	Ecology of Invasive Species	
NRES 402	Ecohydrology and Water Management	
NRES 418	Wetland Ecology & Management	
NRES 423	Politics of International Conservation and Development	
NRES 485	Stream Ecosystem Management	
NRES 407	Wildlife Population Ecology	
NRES 409	Fishery Ecol and Conservation	
NRES 415	Native Plant ID and Floristics	
NRES 420	Restoration Ecology	
NRES 429	Aquatic Ecosystem Conservation	
NRES 474	Soil and Water Conservation	
UP 406	Urban Ecology	
Total Concentration-Required Hours		19-22

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Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. NRES 287, Environment and Society course does not count toward the social science general education requirement. Students must take 3 hours above and beyond this course to meet the social and behavioral sciences requirement. For more information, see the corresponding section on the Degree General and Education Requirements page (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

First Year

First Semester	Hours	Second Semester	Hours
NRES 102		3 CHEM 102	3
ACES 101		2 CHEM 103	1

Information listed in this catalog is current as of 10/2023

RHET 105 or CMN 101		4 CMN 101 or RHET 105	3
IB 104 or 150 and 151		4 MATH 234	4
Language Other than English (3rd level)		4 IB 103	4
		17	15

Second Year

First Semester	Hours	Second Semester	Hours
NRES 219		3 NRES 287	3
CHEM 104		3 NRES 201	4
CHEM 105		1 Statistics course from degree list	3
ACE 100 or ECON 102		4 General Education course	3
Natural Science course from degree list		3 Free Elective course	3
General Education course		3	
		17	16

Third Year

First Semester	Hours	Second Semester	Hours
NRES 454		4 NRES 325	3
NRES 348		3 NRES 421	3
General Education course		3 NRES 340	3
Field Experience course		2 General Education course	3
Free Elective course		3 General Education course	3
		15	15

Fourth Year

First Semester	Hours	Second Semester	Hours
NRES 285		2 NRES 456	3
NRES 472		4 ACE 310	3
Degree Social Science course		3 Social Science course from degree list	3
General Education course		3 Conservation/Development/Ecology course	4
Free Elective course		3 Free Elective course	3
		15	16

Total Hours 126

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Natural Resources & Environmental Sciences

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

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Urbana, IL 61801
217-333-2770
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

Phone: 217-244-3219
Email: nres-ssc@illinois.edu (<http://catalog.illinois.edu/undergraduate/aces/natural-resources-environmental-sciences-bs/human-dimensions-environment/nres-ssc@illinois.edu>)
Advising Website (<https://nres.illinois.edu/academics/undergraduate-degree/academic-resources/>)