

MAJOR IN HUMAN DIMENSIONS OF NATURAL RESOURCES

Leadership (<https://catalog.colostate.edu/general-catalog/colleges/natural-resources/human-dimensions-natural-resources/conservation-environmental-leadership-major/>).

Requirements Effective Fall 2022

Students are no longer being admitted into this major. Interested students should visit the Major in Conservation and Environmental

Freshman

		AUCC	Credits
CO 150	College Composition (GT-CO2)	1A	3
MATH 117	College Algebra in Context I (GT-MA1)	1B	1
MATH 118	College Algebra in Context II (GT-MA1)	1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
NRRT 193	New to the Major Seminar		1
SPCM 200	Public Speaking		3
Select 4 credits from the following groups:			4
Group A:			
BZ 110	Principles of Animal Biology (GT-SC2)	3A	
BZ 111	Animal Biology Laboratory (GT-SC1)	3A	
Group B:			
BZ 120	Principles of Plant Biology (GT-SC1)	3A	
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)			6
Biological and Physical Sciences (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences)			3
Social and Behavioral Sciences (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#social-behavioral-sciences)			3
Elective			3
Total Credits			29

Sophomore

LAND 220/LIFE 220	Fundamentals of Ecology	3A	3
NRRT 231	Principles-Parks/Protected Area Management		3
NRRT 262	Principles of Environmental Communication		3
STAT 201	General Statistics (GT-MA1)	1B	3
Select one course from the following:			3
CO 300	Writing Arguments (GT-CO3)	2	
CO 301B	Writing in the Disciplines: Sciences (GT-CO3)	2	
JTC 300	Strategic Writing and Communication (GT-CO3)	2	
1C (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc)			3
Historical Perspectives (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)			3
Guided Electives (see list below)			3
Electives ¹			4
Total Credits			28

Summer

Select one course from the following:			5
NR 220	Natural Resource Ecology and Measurements		
NR 373	Study Abroad—Kenya: Social-Ecological Field Methods		
Total Credits			5

Junior

NR 319	Introduction to Geospatial Science		4
NR 320	Natural Resources History and Policy		3
NR 377			1
NR 400	Public Communication in Natural Resources		3
NRRT 330	Social Aspects of Natural Resource Management		3
NRRT 340	Principles in Conservation Planning and Mgmt		3
NRRT 362	Environmental Conflict Management		3
NRRT 376	Methods for Conservation Social Science		3
Guided Electives (see list below) ²			6
Total Credits			29

Senior

NR 300	Biological Diversity		3
NR 310	Ecosystem Services and Human Well-Being		3
NRRT 400	Environmental Governance		3
NRRT 402	Cultural and Political Ecology	4A	3
NRRT 463	Non-Profit Administration in Conservation		3
NRRT 475	Leadership for Conservation Action	4B,4C	3
NRRT 487	Internship		5
Guided Electives (see list below) ²			6
Total Credits			29
Program Total Credits:			120

Human Dimensions of Natural Resources Guided Electives³

Code	Title	AUCC	Credits
LOWER-DIVISION			
AREC 240/ECON 240	Economics of Environmental Sustainability (GT-SS1)	3C	3
BZ 223	Plant Identification		3
ESS 211			3
FW 104	Wildlife Ecology and Conservation (GT-SC2)	3A	3
FW 204	Introduction to Fishery Biology		3
FW 260	Principles of Wildlife Management		3
HORT 100	Horticultural Science	3A	4
NR 120A	Environmental Conservation (GT-SC2)	3A	3
NR 130	Global Environmental Systems (GT-SC2)	3A	3
SOC 220	Environment, Food, and Social Justice (GT-SS3)	1C	3
WR 204/GR 204	Sustainable Watersheds	3A	3
UPPER-DIVISION			
ANTH 330/CLMT 330	Human Ecology		3
ANTH 370	Primates		3
ANTH 453	Impacts on Ancient Environments		3
ANTH 478/HIST 478	Heritage Resource Management		3
ANTH 479/IE 479	International Development Theory and Practice		3

AREC 340/ECON 340	Introduction-Economics of Natural Resources	3
AREC 346/ECON 346	Economics of Outdoor Recreation	3
ATS 350	Introduction to Weather and Climate	2
ESS 311	Ecosystem Ecology	3
ESS 353	Global Change Impacts, Adaptation, Mitigation	3
F 311	Forest Ecology	3
GR 311	GIS for Social Scientists	3
GR 420	Spatial Analysis with GIS	4
NRRT 320	International Issues-Recreation and Tourism	3
PHIL 345	Environmental Ethics	3
POLS 361	U.S. Environmental Politics and Policy	3
POLS 362	Global Environmental Politics	3
RS 300	Rangeland Conservation and Stewardship	3
SOC 320	Population-Natural Resources and Environment	3
SOC 322	Environmental Justice	3
SOC 364	Food, Agriculture and Global Society	3

¹ Select enough elective credits to bring the program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).

² Select four upper-division (300- to 400-level) courses, two in the junior year and two in the senior year, for a minimum total of 12 credits from the Guided Electives department list.

³ Students may petition to substitute courses not on the Guided Electives department list with approval of advisor.

Major Completion Map

Freshman

Semester 1		Critical	Recommended	AUCC	Credits
CO 150	College Composition (GT-CO2)		X	1A	3
MATH 117	College Algebra in Context I (GT-MA1)	X		1B	1
MATH 118	College Algebra in Context II (GT-MA1)	X		1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)		X	1B	1
NRRT 193	New to the Major Seminar		X		1
Select 4 credits from the following groups:		X			4
Group A					
BZ 110	Principles of Animal Biology (GT-SC2)			3A	
BZ 111	Animal Biology Laboratory (GT-SC1)			3A	
Group B					
BZ 120	Principles of Plant Biology (GT-SC1)			3A	
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)				3B	3

Total Credits

14

Semester 2		Critical	Recommended	AUCC	Credits
SPCM 200	Public Speaking				3
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)				3B	3
Biological and Physical Sciences (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences)				3A	3
Social and Behavioral Sciences (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#social-behavioral-sciences)				3C	3

Elective					3
BZ 110/BZ 111 or BZ 120, CO 150, and MATH 124 must be completed by the end of Semester 2.					X
Total Credits					15
Sophomore					
Semester 3		Critical	Recommended	AUCC	Credits
LAND 220/ LIFE 220	Fundamentals of Ecology	X		3A	3
NRRT 231	Principles-Parks/Protected Area Management	X			3
NRRT 262	Principles of Environmental Communication	X			3
Guided Natural Resources Elective (See list on Major Requirements Tab)					3
Elective					2
Total Credits					14
Semester 4		Critical	Recommended	AUCC	Credits
STAT 201	General Statistics (GT-MA1)	X		1B	3
Select one course from the following:			X		3
CO 300	Writing Arguments (GT-CO3)			2	
CO 301B	Writing in the Disciplines: Sciences (GT-CO3)			2	
JTC 300	Strategic Writing and Communication (GT-CO3)			2	
1C (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc)				1C	3
Historical Perspectives (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)				3D	3
Elective					2
SPCM 200 must be completed by the end of Semester 4.					X
Total Credits					14
Semester 5		Critical	Recommended	AUCC	Credits
Select one course from the following:			X		5
NR 220	Natural Resource Ecology and Measurements				
NR 373	Study Abroad–Kenya: Social-Ecological Field Methods				
Total Credits					5
Junior					
Semester 6		Critical	Recommended	AUCC	Credits
NR 320	Natural Resources History and Policy		X		3
NR 377		X			1
NRRT 330	Social Aspects of Natural Resource Management	X			3
NRRT 376	Methods for Conservation Social Science		X		3
Guided Natural Resources Elective (See list on Major Requirements Tab)					3
Total Credits					13
Semester 7		Critical	Recommended	AUCC	Credits
NR 319	Introduction to Geospatial Science		X		4
NR 400	Public Communication in Natural Resources		X		3
NRRT 340	Principles in Conservation Planning and Mgmt	X			3
NRRT 362	Environmental Conflict Management		X		3
Guided Natural Resources Elective (See list on Major Requirements Tab)					3
Total Credits					16
Senior					
Semester 8		Critical	Recommended	AUCC	Credits
NR 300	Biological Diversity		X		3
NRRT 400	Environmental Governance	X			3
NRRT 463	Non-Profit Administration in Conservation		X		3

Guided Natural Resources Electives (See list on Major Requirements Tab) 6

Total Credits					15
Semester 9		Critical	Recommended	AUCC	Credits
NR 310	Ecosystem Services and Human Well-Being	X			3
NRRT 402	Cultural and Political Ecology	X		4A	3
NRRT 475	Leadership for Conservation Action	X		4B,4C	3
NRRT 487	Internship	X			5
The benchmark courses for the 9th semester are the remaining courses in the entire program of study.		X			
Total Credits					14
Program Total Credits:					120