

**School of Environment and Natural Resources
Natural Resource Management**

New GE for Autumn 2022

COURSE & NUMBER	Units	COURSE & NUMBER	Units
UNIVERSITY REQUIREMENTS (GE)			
Foundations	24 Hours	SENR CORE REQUIREMENTS	19 Hours
Writing & Info Literacy <i>English 1110</i> ❖	3	ENR 1100 (ENR Survey)	1
Math & Quant Reasoning or Data Analysis <i>Math1130/1148</i> ❖	4	ENR 2100 (Intro to Environmental Science)	3
Literary, Visual & Performing Arts	3	ENR 2300 (Society and Natural Resources)	Recommend overlap with Foundation
Historical & Cultural Studies	3	ENR 3300 (Intro to Forestry, Fisheries & Wildlife)	3
Natural Science <i>Chem 1110</i> ❖	5	ENR 3400 (Psychology of Environmental Problems) [▲] or ENR 3500 (Community, Environment & Development) [▲]	3
Social & Behavioral Sciences <i>ENR 2300</i> ❖	3	ENR 3200 (Natural Resources Policy) [▲]	3
Race, Ethnic & Gender Diversity	3	ENR 3700 (Intro to Spatial Info for Natural Resources)	3
Thematic Pathways	8-12 Hours	ENR 4900.02 (Senior Capstone) (Natural Resources Mgmt)	3
Citizenship for a Diverse & Just World	4-6	NRM MAJOR CORE REQUIREMENTS	12 Hours
Theme of Choice <i>Recommend Overlap with SENR Core</i>	4-6	ENR 3600 (Management of Recreation Lands)	3
Bookend Courses	2 Hours	ENR 5642 (Natural Resources Administration & Management)	3
Launch Seminar	1	English 3305 (Technical Writing)	3
Reflection Seminar	1	AEDECON 4310 (Environmental & Natural Resource Economics)	3
Major Supporting Courses	16 Hours		
Biology 1113.01 or 1114.01	4		
ENR 3000 (Soil Science)	3	NRM MAJOR SPECIALIZATION REQUIREMENTS <i>(see pages 2-5 for specialization requirements)</i>	
Econ 2001 or AEDECON 2001 (Microeconomics)	3	Natural Resources Administration & Management	32 Hours
ENR 2000 (Natural Resource Data Analysis)	3	Parks and Recreation	28-33 Hours
ENR 2367 (Communicating ENR Information)	3		
Free Electives	3-11 Hours	❖ Prerequisite and/or corequisite to NRM major; recommend taking as part of GE Foundation.	
		[▲] GE Theme Course	
		MINIMUM HRS FOR GRADUATION	121 Hours

Natural Resource Administration & Management Specialization	Units	
Required Natural Resource Administration and Management Courses	20	
ENR 3611 Foundations for Environmental Communications, Education and Interpretation	2	
ENR 4400 Law and Legal Process or AEDECON 3170 Agribusiness Law	3	
ENR 5640 Natural Resources Program Planning	3	
Select one of the following: ENR 5649 Wildlife Conservation Policy, ENR 5325 Forest & Public Lands Policy, or additional policy course with advisor approval	3	
Select one of the following: RURLSOC 4500 Community Development in Practice or PUBAFRS 2130 Leadership in the Public and Nonprofit Sectors	3	
ECON 4300 Government Finance in the American Economy	3	
ECON 4310 Local Public Finance or PUBAFRS 4310 State and Local Government Finance	3	
Select 4- 5 additional courses from among the following courses Students may choose broadly across the areas listed below or take all courses within one particular focus area	12	
Forestry		
ENR 3321 Biology and Identification of Woody Forest Plants	3	
ENR 3322 Forest Ecosystems	3	
ENR 3323 Forest Biometrics	3	
ENR 3333 Silviculture	3	
<i>Other course may be added with faculty advisor approval</i>		
Fisheries		
ENR 4342 Freshwater Fisheries Management	3	
ENR 5350.01 Taxonomy and Behavior of Aquatic Invertebrates or ENR 5350.02 Taxonomy and Behavior of Fishes	3	
ENR 4345 Methods in Aquatic Ecology	4	
ENR 5280 Stream Ecology	4	
EEOB 5420 Ecology of Inland Waters	4	
EEOB 5430 Fish Ecology	1.5	
<i>Other course may be added with faculty advisor approval</i>		
Wildlife		
ENR 5360 Principles of Wildlife Ecology and Management	3	
ENR 5364.01 Mammalian Wildlife Biology & Management or 5364.02 Avian Wildlife Biology & Management	3	
ENR 5370 Management of Wildlife Habitat	3	
ENR 5362 Wildlife Ecology Methods	3	
<i>Other course may be added with faculty advisor approval</i>		
Soil and Water		
ENR 3280 Water Quality Management	2	
ENR 4260 Soil Resource Management	3	
ENR 5260 Soil Landscapes: Morphology, Genesis, and Classification	3	
ENR 5279 Urban Soils and Ecosystem Services: Assessment and Restoration or ENR 5273 Environmental Fate and Impact of Contaminants in Soil and Water	3	

<i>Other course may be added with faculty advisor approval</i>		
Sustainable Agriculture		
ENR 5600 Sustainable Agriculture and Food Systems	3	
HCS 2306 Sustainable Vegetable Production Practicum: Planning, Growing, and Marketing	3	
RURLSOC 5530 Sociology of Agriculture and Food Systems	3	
ENR 4260 Soil Resource Management	3	
<i>Other course may be added with faculty advisor approval</i>		
Visitor Services		
ENR 4611 Environmental Interpretation and Visitor Services	3	
ENR 4610 Natural History of Ohio	3	
ENR 4648 Environment and Natural Resources Law Enforcement	3	
CONSCI 3930 Consumer Decision Making	3	
BUSML 3150 Foundations of Marketing	3	
<i>Other course may be added with faculty advisor approval</i>		
Zoo Science and Management		
ENR 4611 Environmental Interpretation and Visitor Services	3	
ENR 4610 Natural History of Ohio	3	
ENR 4360 Zoo Science and Management	2	
EEOB 3310 Evolution	4	
EEOB 3320 Organismal Diversity	3	
<i>Other course may be added with faculty advisor approval</i>		
Natural Resources Administration and Management Specialization Total	32	

Parks & Recreation Specialization	Units	
Required Parks and Recreation Courses	10-11	
ENR 3611 Foundations for Environmental Communications, Education and Interpretation	2	
ENR 4400 Law and Legal Process or AEDECON 470 / 3170 Agribusiness Law	3	
ENR 5640 Natural Resources Program Planning	3	
BUSMHR 3100 Foundations of Management and Human Resources or AEDECON 3160 Human Resource Management in Small Businesses (2) or BUSML 3150 Foundations of Marketing	2-3	
Select 2 of the following courses (cannot be double counted with sub-specialization)	4-6	
ENR 3335.01 Introduction to Wildland Fire Management	2	
ENR 4611 Environmental Interpretation and Visitor Services	3	
ENR 4360 Zoo Science and Management	2	
ENR 4648 Environment and Natural Resources Law Enforcement	3	
RURLSOC 4500 Community Development in Practice	3	
ECON 4300 Government Finance in the American Economy	3	
ECON 4310 Local Public Finance or PUBAFRS 4310 State and Local Government Finance	3	
Complete one of the following sub-specialization areas Student will complete 5 additional courses in one of the following sub-specialization areas. Additional courses may be substituted with advisor approval.	14-16	
Forestry		
ENR 3321 Biology and Identification of Woody Forest Plants	3	
ENR 3322 Forest Ecosystems	3	
ENR 3323 Forest Biometrics	3	
ENR 3333 Silviculture	3	
ENR 5325 Forest & Public Lands Policy or additional policy course with advisor approval	3	
<i>Other course may be added with faculty advisor approval</i>		
Fisheries		
ENR 4342 Freshwater Fisheries Management	3	
ENR 5350.02 Taxonomy and Behavior of Fishes, or ENR 5350.01 Taxonomy and Behavior of Aquatic Invertebrates	3	
ENR 4345 Methods in Aquatic Ecology	4	
ENR 5280 Stream Ecology	4	
EEOB 5420 Ecology of Inland Waters	1.5	
EEOB 5430 Fish Ecology	1.5	
Select one of the following: ENR 5649 Wildlife Conservation Policy, ENR 5325 Forest & Public Lands Policy, or additional policy course with advisor approval	3	
<i>Other course may be added with faculty advisor approval</i>		
Wildlife		
ENR 5360 Principles of Wildlife Ecology and Management	3	
ENR 5364.01 Mammalian Wildlife Biology and Management or 5364.02 Avian Wildlife Biology and Management	3	
ENR 5370 Management of Wildlife Habitat	3	
ENR 5362 Wildlife Ecology Methods	3	
ENR 5649 Wildlife Conservation Policy or additional policy course with advisor approval	3	

<i>Other course may be added with faculty advisor approval</i>		
Soil and Water		
ENR 3280 Water Quality Management	2	
ENR 4260 Soil Resource Management	3	
ENR 5260 Soil Landscapes: Morphology, Genesis, and Classification	3	
ENR 5279 Urban Soils and Ecosystem Services: Assessment and Restoration or ENR 5273 Environmental Fate and Impact of Contaminants in Soil and Water	3	
Select one of the following: ENR 5649 Wildlife Conservation Policy, ENR 5325 Forest & Public Lands Policy, or additional policy course with advisor approval	3	
<i>Other course may be added with faculty advisor approval</i>		
Visitor Services		
ENR 4611 Environmental Interpretation and Visitor Services	3	
ENR 4610 Natural History of Ohio	3	
ENR 4648 Environment and Natural Resources Law Enforcement	3	
CONSCI 3930 Consumer Decision Making	3	
BUSML 3150 Foundations of Marketing	3	
Select one of the following: ENR 5649 Wildlife Conservation Policy, ENR 5325 Forest & Public Lands Policy, or additional policy course with advisor approval	3	
<i>Other course may be added with faculty advisor approval</i>		
Zoo Science and Management		
ENR 4611 Environmental Interpretation and Visitor Services	3	
ENR 4610 Natural History of Ohio	3	
ENR 4360 Zoo Science and Management	2	
ENR 5649 Wildlife Conservation Policy or additional policy course with advisor approval	3	
EEOB 3310 Evolution	4	
EEOB 3320 Organismal Diversity	3	
<i>Other course may be added with faculty advisor approval</i>		
Parks & Recreation Specialization Total	28-33	