

School of Environment and Natural Resources  
Natural Resource Management

**New GE for students beginning  
Autumn 2022 & beyond**

COURSE & NUMBER	Units	COURSE & NUMBER	Units
<b>UNIVERSITY REQUIREMENTS (GE)</b>		<b>Major Prerequisite Courses</b>	
<b>Foundations</b>		<b>24 Hours</b>	
Writing & Info Literacy	3	Math 1130 (College Algebra for Business) or 1148 (College Algebra)	Recommend Overlapping all Major Prerequisite Courses with the GE
Math & Quant Reasoning or Data Analysis <i>Math1130/1148</i> ❖	4	Chem 1110 (Elementary Chemistry)	
Literary, Visual & Performing Arts	3	ENR 2300 (Society & Natural Resources)	
Historical & Cultural Studies	3	<b>SENR CORE REQUIREMENTS</b>	
Natural Science <i>Chem 1110</i> ❖	5	ENR 1100 (Survey)	19 Hours
Social & Behavioral Sciences <i>ENR 2300</i> ❖	3	ENR 2100 (Intro to Environmental Science)	1
Race, Ethnic & Gender Diversity	3	ENR 3300 (Intro to Forestry, Fisheries & Wildlife)	3
<b>Thematic Pathways</b>		<b>8-12 Hours</b>	
Citizenship for a Diverse & Just World	4-6	ENR 3400 (Psychology of Environmental Problems) <sup>▲</sup> or ENR 3500 (Community, Environment & Development) <sup>▲</sup>	3
Theme of Choice <i>Recommend Overlap with SENR Core</i>	4-6	ENR 3200 (Natural Resources Policy) <sup>▲</sup>	3
<b>Bookend Courses</b>		<b>2 Hours</b>	
GenEd 1201 (Launch Seminar)	1	ENR 4900.01 or 4900.02 (Senior Capstone) (Natural Resources Mgmt)	3
GenEd 4001 (Reflection Seminar)	1	<b>NRM MAJOR CORE REQUIREMENTS</b>	
<b>Major Supporting Courses</b>		<b>16 Hours</b>	
Biology 1113.01 (Energy, Transfer & Development) or 1114.01 (Form, Function, Diversity, & Ecology)	4	ENR 3600 (Management of Recreation Lands)	12 Hours
ENR 3000 (Soil Science)	3	ENR 5642 (Natural Resources Administration & Management)	3
Econ 2001.01 or AEDECON 2001 (Microeconomics)	3	English 3305 (Technical Writing)	3
ENR 2000 (Natural Resource Data Analysis)	3	AEDECON 4310 (Environmental & Natural Resource Economics)	3
ENR 2367 (Communicating ENR Information)	3	<b>NRM MAJOR SPECIALIZATION REQUIREMENTS</b> <i>(see pages 2-5 for specialization requirements)</i>	
<b>Free Electives</b>		<b>3-11 Hours</b>	
		<b>Natural Resources Administration &amp; Management</b>	
		<b>Parks and Recreation</b>	
		❖ Prerequisite and/or corequisite to NRM major; recommend taking as part of GE Foundation.	
		▲GE Theme Course	
<b>MINIMUM HRS FOR GRADUATION</b>			<b>121 Hours</b>

<b>Natural Resource Administration &amp; Management Specialization</b>	<b>Units</b>	
<b>Required Natural Resource Administration and Management Courses</b>	<b>21</b>	
ENR 3612 (Previously 3611) Foundations for Environmental Communications, Education and Interpretation	3	
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	
<b>Select 4- 5 additional courses from among the following courses</b> Students may choose broadly across the areas listed below or take all courses within one particular focus area	<b>12</b>	
<b>Forestry</b>		
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>		
<b>Fisheries</b>		
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>		
<b>Wildlife</b>		
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>		
<b>Soil and Water</b>		
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>		
<b>Sustainable Agriculture</b>		
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>		
<b>Visitor Services</b>		
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>		
<b>Zoo Science and Management</b>		
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>		
<b>Natural Resources Administration and Management Specialization Total</b>	<b>32</b>	

<b>Parks &amp; Recreation Specialization</b>	<b>Units</b>	
<b>Required Parks and Recreation Courses</b>	<b>11-12</b>	
ENR 3612 (Previously 3611) Foundations for Environmental Communications, Education and Interpretation	3	
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	
<b>Select 2 of the following courses (cannot be double counted with sub-specialization)</b>	<b>4-6</b>	
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	
<b>Complete one of the following sub-specialization areas</b> Student will complete 5 additional courses in one of the following sub-specialization areas. Additional courses may be substituted with advisor approval.	<b>14-16</b>	
<b>Forestry</b>		
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>		
<b>Fisheries</b>		
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>		
<b>Wildlife</b>		
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>		
<b>Soil and Water</b>		
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>		
<b>Visitor Services</b>		
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>		
<b>Zoo Science and Management</b>		
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>		
<b>Parks &amp; Recreation Specialization Total</b>	<b>28-33</b>	