

From: [Smith, Randy](#)
To: [Johnston, Renee](#); [Osborne, Jeanne](#)
Cc: [Sutherland, Sue](#); [Smith, Randy](#); [Griffiths, Rob](#); [Reed, Katie](#); [Duffy, Lisa](#); [Hunt, Ryan](#); [Pintor, Lauren](#); [Wilson, Robyn](#); [Washburn, Shannon](#); [Kress, Cathann](#); [Talbot, Ann](#); [Warren, Adam](#); [Eveland, Jessica](#); [Brown, Trevor](#)
Subject: Proposal to revise the Natural Resource Management BS ENR, including a name change to the program
Date: Friday, July 24, 2026 12:16:24 PM
Attachments: [image001.png](#)

Renee and Jeanne,

The proposal from the School of Environment and Natural Resources to revise the Natural Resources Management major, including changing the major's name to Parks and Recreation, was approved by the Council on Academic Affairs at its meeting on July 23, 2026. Thank you for attending the meeting to respond to questions/comments.

Due to the name change, the proposal will now be sent to the Board of Trustees for action at its meeting on **August 20, 2026**. If approved by the Board, my office will work with you on the approval process with the Ohio Department of Higher Education.

Once fully approved, the Office of the University Registrar will work with you on any implementation issues.

Please keep a copy of this message for your file on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions please contact the Chair of the Council, Professor Sue Sutherland (.43), or me.

Randy



W. Randy Smith, Ph.D.

Vice Provost for Academic Programs

Office of Academic Affairs

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Assisted by:

Katie Reed

Executive Assistant

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From: [Osborne, Jeanne](#)
To: [Smith, Randy](#)
Cc: [Reed, Katie](#); [Violet, Cynthia](#); [Lewandowski, Monica](#); [Fries, Sara](#); [Pintor, Lauren](#); [Johnston, Renee](#); [Lower, Brian](#)
Subject: Correction to math typo for proposal to revise the Natural Resource Management BS ENR, including a name change to "Parks and Recreation"
Date: Friday, July 10, 2026 3:34:16 PM
Attachments: [PAR Major Corrected_Eff AU27_Combined Files.pdf](#)
[image001.png](#)
[PAR Curriculum Guide_v2_Correction Highlighted.pdf](#)

Dear Dr. Smith,

I have communicated with Katie regarding a math error we discovered yesterday for the Natural Resource Management/Parks and Recreation proposed major change/new name.

I have attached the updated proposal per Katie's recommendation, as well as the curriculum sheet with the math correction highlighted – the corrections impact page 11 of the proposal. This proposal is on the agenda for the July 23 meeting of the CAA, so I wanted to get these to you as quickly as possible.

Much appreciation to Katie for her guidance.

Take care, and have a good weekend.

Jeanne



Jeanne M. Osborne

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'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)

From: Osborne, Jeanne
Sent: Tuesday, April 21, 2026 1:10 PM
To: Smith, Randy <smith.70@osu.edu>
Cc: Reed, Katie <reed.901@osu.edu>; Violet, Cynthia <violet.8@osu.edu>; Lewandowski, Monica

<lewandowski.52@osu.edu>; Fries, Sara <fries.71@osu.edu>; Pintor, Lauren <pintor.6@osu.edu>; Johnston, Renee <johnston.230@osu.edu>; Lower, Brian <lower.30@osu.edu>

Subject: Requesting CAA Approval for revision to the Natural Resource Management BS ENR, including a name change to 'Parks and Recreation'

Dear Dr. Smith,

The College of Food, Agricultural, and Environmental Sciences is requesting Council on Academic Affairs approval for revision to the current Natural Resource Management BS ENR, including a name change to Parks and Recreation BS ENR, as summarized below and outlined in the attached proposal, effective AU27.

The proposed changes to the major, proposed to be titled Parks and Recreation, involve the simplification of degree requirements and provide an interdisciplinary major that spans the natural and social sciences. The changes also align with the academic expectations of the School for undergraduate programs and strengthen knowledge and skills needed for the workforce in this area. The proposed changes follow a thorough review by the faculty in the School, and were inclusive of student and advisor comments as well as consideration of the needs of students in their educational journey. In addition, the revision is consistent with requirements for potential accreditation by nationally recognized organizations in parks and recreation.

Overall, it is estimated that the change to the major is approximately 20% and there is no anticipated impact on the assessment plan for the major. Current students will not be affected by these changes, and any impacts will be managed by petition.

This proposal has been approved by the Academic Affairs Committee of the School of Environment and Natural Resources and endorsed by the CFAES Committee on Academic Affairs. Please let me know if any additional information is needed in support of this request.

Sincerely,

Jeanne



Jeanne M. Osborne

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March 23, 2026

TO: CFAES Committee on Academic Affairs

FROM: SENR Academic Affairs Committee (AAC)

RE: Revision of Natural Resource Management (NRM) Major to Parks and Recreation (PAR) Major

Dear CFAES Committee on Academic Affairs,

The School of Environment and Natural Resources (SENR) is proposing a revision to the current Natural Resource Management (NRM) major, which includes updates to the curriculum and renaming of the major to Parks and Recreation (PAR). The PAR major is intended to serve as a more interdisciplinary option that spans both the natural and social sciences. This update is intended to strengthen the program, ensure alignment with school expectations, and better serve both current and future students. SENR Academic Affairs Committee (AAC) approved the new major on December 9, 2025. Attached you will find the original NRM curriculum, an explanation of the changes, and the final version of the updated PAR major. Please find below a summary addressing the required elements for curricular proposals.

1. Rationale for the Proposed Changes

The proposed revisions are designed to clarify major offerings across SENR (e.g., distinguish more clearly PAR from other majors like Forestry, Fisheries, and Wildlife) and articulate more clearly to students and employers the knowledge, skills, and abilities students will gain. The redesigned curriculum aligns with emerging trends in student interests, current workforce needs, and programmatic offerings at peer institutions. The changes also incorporate newly developed course offerings, reflect alignment with SENR's revised core, and support recruitment efforts through a clarified and rebranded program name. Collectively, these adjustments position the major to remain competitive, coherent, and responsive to the evolving academic and professional landscape. The new major was also developed consistent with potential accreditation by nationally recognized organizations in parks and recreation, such as the [Council on Accreditation in Parks, Recreation, Tourism and Related Professions](#). We are not seeking accreditation at this time, though we will revisit this possibility upon seeing growth in the major.



2. Assessment Plan

We do not anticipate any changes to the existing assessment plan for the new PAR major. Our understanding is that the current plan will continue to apply, as the proposed curricular revisions do not significantly alter the major's learning outcomes or assessment framework.

3. Accommodation for Current Students

Students who are currently enrolled in the existing NRM major will continue to follow the NRM curriculum through graduation. The new PAR major will not affect existing requirements for current NRM students. All students will continue to follow the degree requirements associated with the catalog year under which they entered the major, ensuring that no students experience disruption or changes to their planned academic pathway. Upon approval of the new PAR major, the existing version of the NRM major will be discontinued and will no longer be available to new students.

4. Estimated Percentage Change to the Major

The proposed revisions result in an overall modification of **approximately 20%** to the existing NRM curriculum. The new PAR version includes an approximately 10% increase in major-related credit hours, reflecting a more structured and intentional curriculum. In addition, there is an approximately 10% increase in required coursework, which reduces variability across students and supports more consistent professional preparation. Most core components of the major remain intact, and the updates primarily involve reorganizing course groupings, integrating newly developed offerings, and refining language to improve clarity and alignment with the revised program structure. While these adjustments strengthen coherence and better reflect current academic and professional expectations, they do not represent a substantial overhaul of the degree. As a result, the PAR major maintains continuity in its foundational learning outcomes while incorporating targeted improvements that will enhance the student experience.

Thank you for your consideration of these revisions. I welcome any questions or feedback from the Committee and appreciate your time and attention to this proposal.

Sincerely,

Brian H. Lower, Co-chair AAC

School of Environment and Natural Resources

Natural Resource Management

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

COURSE & NUMBER	Units		COURSE & NUMBER	Units	
UNIVERSITY REQUIREMENTS (GE)			Major Prerequisite Courses		
Foundations	24 Hours		Math 1130 (College Algebra for Business) or 1148 (College Algebra) Chem 1110 (Elementary Chemistry) ENR 2300 (Society & Natural Resources) AU/SP	Recommend Overlapping all Major Prerequisite Courses with the GE	
Writing & Info Literacy	3				
Math & Quant Reasoning or Data Analysis <i>Math 1130/1148</i> ❖	4				
Literary, Visual & Performing Arts	3				
Historical & Cultural Studies	3		SENR CORE REQUIREMENTS	19 Hours	
Natural Science <i>Chem 1110</i> ❖	5		ENR 1100 (Survey) AU/SP	1	
Social & Behavioral Sciences <i>ENR 2300</i> ❖	3		ENR 2100 (Intro to Environmental Science) AU/SP/SU	3	
Race, Ethnicity & Gender Diversity	3		ENR 3300 (AU/SP/SU) or 3300E (AU ONLY) (Intro to Forestry, Fisheries & Wildlife)	3	
Thematic Pathways	8-12 Hours		ENR 3400 (Psychology of Environmental Problems) [▲] (AU ONLY) or ENR 3500 (AU/SP) or 3500H (AU ONLY) (Community, Environment & Development) [▲]	3	
Citizenship for a Diverse & Just World	4-6		ENR 3200 (Natural Resources Policy) [▲] AU/SP	3	
Theme of Choice <i>Recommend Overlap with SENR Core</i>	4-6		ENR 3700 (Intro to Spatial Info for Natural Resources) AU/SP	3	
Bookend Courses	2 Hours		ENR 4900.01 or 4900.02 (Senior Capstone) AU/SP/SU	3	
GenEd 1201 (Launch Seminar)	1		NRM MAJOR CORE REQUIREMENTS	12 Hours	
GenEd 4001 (Reflection Seminar)	1		ENR 3600 (Management of Recreation Lands) SPRING ONLY	3	
Major Supporting Courses	16 Hours		ENR 5642 (Natural Resources Administration & Management) AUTUMN ONLY	3	
Biology 1113.01 (Energy, Transfer & Development) or 1114.01 (Form, Function, Diversity, & Ecology)	4		English 3305 (Technical Writing)	3	
ENR 3000 (Soil Science) AU/SP/SU	3		AEDECON 4310 (Environmental & Natural Resource Economics) NRM MAJOR SPECIALIZATION REQUIREMENTS <i>(see pages 2-5 for specialization requirements)</i>	3	
Econ 2001.01 or AEDECON 2001 (Microeconomics)	3		Natural Resources Administration & Management	32 Hours	
ENR 2000 (Natural Resource Data Analysis) AU/SP	3		Parks and Recreation	28-33 Hours	
ENR 2367 (Communicating ENR Information) AU/SP	3		❖ Prerequisite and/or corequisite to NRM major; recommend taking as part of GE Foundation. ▲GE Theme Course		
Free Electives	3-11 Hours				
MINIMUM 2.0 CUMULATIVE GPA REQUIRED FOR GRADUATION MINIMUM 2.0 MAJOR GPA REQUIRED FOR GRADUATION			MINIMUM HRS FOR GRADUATION		121 Hours

Natural Resource Administration & Management Specialization		Units	
Required Natural Resource Administration and Management Courses		21	
ENR 3612 (Previously 3611) Foundations for Environmental Communications, Education and Interpretation	AUTUMN ONLY	3	
ENR 4400 Law and Legal Process (SPRING ONLY) or AEDECON 3170 Agribusiness Law		3	
ENR 5640 Natural Resources Program Planning	AUTUMN ONLY	3	
Select one of the following: ENR 5649 Wildlife Conservation Policy (SPRING ONLY), ENR 5325 Forest & Public Lands Policy (SP Odd Yrs.), or additional policy course with advisor approval		3	
Select one of the following: RURLSOC 4500 Community Development in Practice (SPRING ONLY) 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	AUTUMN ONLY	3	
ENR 3322 Forest Ecosystems	AUTUMN ONLY	3	
ENR 3323 Forest Biometrics	SPRING ONLY	3	
ENR 3333 Silviculture	SPRING ONLY	3	
Other course may be added with faculty advisor approval			
Fisheries			
ENR 4342 Freshwater Fisheries Management	SPRING ONLY	3	
ENR/ENTMLGY 5350.01 Taxonomy and Behavior of Aquatic Invertebrates (ENTMLGY Autumn Odd Yrs.; ENR SP/SU (Stone Lab) or ENR 5350.02 Taxonomy and Behavior of Fishes AU/SU (Stone Lab)		3	
ENR 4345 Methods in Aquatic Ecology	AUTUMN ONLY	4	
ENR 5280 Stream Ecology	AU/SP	4	
EEOB 5420 Ecology of Inland Waters		4	
EEOB 5430 Fish Ecology		1.5	
Other course may be added with faculty advisor approval			
Wildlife			
ENR 5360 Principles of Wildlife Ecology and Management	AUTUMN ONLY	3	
ENR 5364.01 Mammalian Wildlife Biology & Management (AUTUMN ONLY) or 5364.02 Avian Wildlife Biology & Management (SPRING ONLY)		3	
ENR 5370 Management of Wildlife Habitat	SPRING ONLY	3	
ENR 5362 Wildlife Ecology Methods	SPRING ONLY	3	
Other course may be added with faculty advisor approval			
Soil and Water			
ENR 3280 Water Quality Management	AU/SP/SU (Stone Lab)	2	
ENR 4260 Soil Resource Management	SPRING ONLY	3	
ENR 5260 Soil Landscapes: Morphology, Genesis, and Classification	SPRING ODD Yrs. ONLY	3	

ENR 5279 Urban Soils and Ecosystem Services: Assessment and Restoration (AUTUMN ONLY) or ENR 5273 Environmental Fate and Impact of Contaminants in Soil and Water (SPRING ONLY)	3	
<i>Other course may be added with faculty advisor approval</i>		
Sustainable Agriculture		
ENR 3100 Introduction to Sustainable Agriculture	3	
ENR 5600 Sustainable Agriculture and Food Systems SPRING ONLY	3	
HCS 2306 Sustainable Vegetable Production Practicum: Planning, Growing, and Marketing	3	
RURLSOC 5530 Sociology of Agriculture and Food Systems AUTUMN EVEN Yrs. Only	3	
ENR 4260 Soil Resource Management SPRING ONLY	3	
<i>Other course may be added with faculty advisor approval</i>		
Visitor Services		
ENR 4611 Environmental Interpretation and Visitor Services SPRING ONLY	3	
ENR 4610 Natural History of Ohio SPRING ONLY	3	
ENR 4648 Environment and Natural Resources Law Enforcement SPRING ODD Yrs. Only	3	
CONSCI 3930 Consumer Decision Making	3	
BUSML 3150 Foundations of Marketing	3	
ENR 5420 Environmental Education in Action SPRING ONLY	3	
<i>Other course may be added with faculty advisor approval</i>		
Zoo Science and Management		
ENR 4611 Environmental Interpretation and Visitor Services SPRING ONLY	3	
ENR 4610 Natural History of Ohio SPRING ONLY	3	
ENR 4360 Zoo Science and Management SPRING ONLY	2	
EEOB 3310 Evolution	4	
EEOB 3320 Organismal Diversity	3	
ENR 5420 Environmental Education in Action SPRING ONLY	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		11-12	
ENR 3612 (Previously 3611) Foundations for Environmental Communications, Education and Interpretation	AUTUMN ONLY	3	
ENR 4400 Law and Legal Process (SPRING ONLY) or AEDECON 470 / 3170 Agribusiness Law		3	
ENR 5640 Natural Resources Program Planning	AUTUMN ONLY	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	AUTUMN ONLY	2	
ENR 4611 Environmental Interpretation and Visitor Services	SPRING ONLY	3	
ENR 4360 Zoo Science and Management	SPRING ONLY	2	
ENR 4648 Environment and Natural Resources Law Enforcement	SPRING ODD Yrs.	3	
RURLSOC 4500 Community Development in Practice	SPRING ONLY	3	
ECON 4300 Government Finance in the American Economy		3	
ECON 4310 Local Public Finance or PUBAFRS 4310 State and Local Government Finance		3	
ENR 5420 Environmental Education in Action	SPRING ONLY	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	AUTUMN ONLY	3	
ENR 3322 Forest Ecosystems	AUTUMN ONLY	3	
ENR 3323 Forest Biometrics	SPRING ONLY	3	
ENR 3333 Silviculture	SPRING ONLY	3	
ENR 5325 Forest & Public Lands Policy (SPRING ODD Yrs.) 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	SPRING ONLY	3	
ENR/ENTMLGY 5350.02 Taxonomy and Behavior of Fishes (ENTMLGY Autumn Odd Yrs. ; ENR SP/SU (Stone Lab)), or ENR 5350.01 Taxonomy and Behavior of Aquatic Invertebrates AU/SU (Stone Lab)		3	
ENR 4345 Methods in Aquatic Ecology	AUTUMN ONLY	4	
ENR 5280 Stream Ecology	AU/SP	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 (SPRING ONLY), ENR 5325 Forest & Public Lands Policy (SPRING ODD Yrs.), 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	AUTUMN ONLY	3	
ENR 5364.01 Mammalian Wildlife Biology and Management (AUTUMN ONLY) or 5364.02 Avian Wildlife Biology and Management (SPRING ONLY)		3	
ENR 5370 Management of Wildlife Habitat	SPRING ONLY	3	
ENR 5362 Wildlife Ecology Methods	SPRING ONLY	3	

ENR 5649 Wildlife Conservation Policy (SPRING ONLY) 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 AU/SP/SU (Stone Lab)	2	
ENR 4260 Soil Resource Management SPRING ONLY	3	
ENR 5260 Soil Landscapes: Morphology, Genesis, and Classification SPRING ODD Yrs. Only	3	
ENR 5279 Urban Soils and Ecosystem Services: Assessment and Restoration (AUTUMN ONLY) or ENR 5273 Environmental Fate and Impact of Contaminants in Soil and Water (SPRING ONLY)	3	
Select one of the following: ENR 5649 Wildlife Conservation Policy (SPRING ONLY), ENR 5325 Forest & Public Lands Policy (SPRING ODD Yrs.), 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 SPRING ONLY	3	
ENR 4610 Natural History of Ohio SPRING ONLY	3	
ENR 4648 Environment and Natural Resources Law Enforcement SPRING ODD Yrs. Only	3	
ENR 5420 Environmental Education in Action SPRING ONLY		
CONSCI 3930 Consumer Decision Making	3	
BUSML 3150 Foundations of Marketing	3	
Select one of the following: ENR 5649 Wildlife Conservation Policy (SPRING ONLY), ENR 5325 Forest & Public Lands Policy (SPRING ODD Yrs.), 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 SPRING ONLY	3	
ENR 4610 Natural History of Ohio SPRING ONLY	3	
ENR 4360 Zoo Science and Management SPRING ONLY	2	
ENR 5420 Environmental Education in Action SPRING ONLY		
ENR 5649 Wildlife Conservation Policy (SPRING ONLY) 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	

Proposed Changes to NRM Major Creating a New PAR Major

Summary of Changes

The proposed Parks and Recreation (PAR) major preserves the foundational structure, credit expectations, and core SENR coursework of the Natural Resource Management (NRM) major, while reorganizing and refocusing the curriculum to emphasize parks, recreation, visitor services, applied management, and public-facing natural resource careers within a single, clearly defined major.

Below is a side-by-side summary of **what remains the same** and **what changes** as SENR transitions the **Natural Resource Management (NRM)** major to the new **Parks and Recreation (PAR)** major. The focus is on curriculum structure, requirements, and academic emphasis.

Components That Remain the Same

- **Total degree requirements**
 - Both versions require **121 total credit hours** for graduation.
 - Both require a **minimum 2.0 cumulative GPA** and **2.0 major GPA**.
- **University (GE) structure**
 - Students complete the same General Education framework, including:
 - Foundations
 - Bookend courses (Launch Seminar and Reflection Seminar)
 - Thematic Pathways
 - Citizenship for a Diverse & Just World
- **Major prerequisite courses**
 - Math 1130 or 1148 (College Algebra)
 - ENR 2100/2101 (Introduction to Environmental Science)
 - ENR 2300 (Society & Natural Resources)
- **Shared SENR core coursework**
 - ENR 1100 (ENR Survey)
 - ENR 2000 (Natural Resources Data Analysis)
 - ENR 2100 (Introduction to Environmental Science)
 - ENR 2300 (Society and Natural Resources)
 - ENR 2367 (Communicating ENR Information)
 - ENR 3300 (Intro to Forestry, Fisheries, & Wildlife)

Proposed Changes to NRM Major Creating a New PAR Major

- ENR 3700 (Intro to Spatial Information for Natural Resources)
 - ENR 4900 (Senior Capstone)
 - **Key supporting courses retained**
 - Biology 1113/1114
 - ECON 2001 / AEDECON 2001 (Microeconomics)
-

Components That Change

- **Major name and identity**
 - *Natural Resource Management (NRM) → Parks and Recreation (PAR).*
 - The new name signals a clearer disciplinary focus on parks, recreation, visitor services, and public-facing natural resource management.
- **Minimum graduation requirement**
 - C- or better is required for all major coursework, including SENR Core and Major requirements.
- **Program structure**
 - **NRM** relied on a **specialization model**, with students choosing among broad tracks (e.g., Natural Resources Administration & Management, Parks & Recreation, Forestry, Fisheries, Wildlife, etc.).
 - **PAR** replaces specializations with a **structured core plus topical requirement areas**, creating a single, cohesive major rather than multiple pathways.
- **Major core requirements**
 - **NRM** had a smaller stated major core with large specialization requirements layered on top.
 - **PAR** establishes a clearly defined **PAR Core (12 credits)** focused on parks and recreation, including:
 - Recreation management
 - Program planning
 - Research in parks and recreation
 - Human–nature interactions

Proposed Changes to NRM Major Creating a New PAR Major

- **Reallocation of credits**

- **PAR** increases the number of credits explicitly labeled as “major requirements” (56–59 credits), while reducing reliance on free electives.
- Free electives remain, but within a narrower range than in NRM.

- **Shift in academic emphasis**

- **NRM** emphasized broad natural resource science and management (soils, wildlife, fisheries, forestry).
- **PAR** emphasizes:
 - Recreation and visitor management
 - Policy and legal considerations relevant to public lands
 - Communication, education, and human behavior
 - Administration and fiscal management
 - Applied environmental management tied to parks and recreation settings

- **Policy, administration, and communication requirements**

- In **PAR**, policy, legal, administrative, and communication courses are **required components** rather than optional specialization choices, ensuring consistent professional preparation across all students.

- **Environmental management focus**

- **NRM** allowed deep technical specialization in biophysical sciences.
- **PAR** limits, but still retains environmental management coursework, prioritizing applied management relevant to parks, recreation, and public land systems.

School of Environment and Natural Resources

Parks and Recreation (PAR)

121 Hours - Curriculum – Autumn Semester 2027

COURSE & NUMBER	Credits	COURSE & NUMBER	Credits
UNIVERSITY REQUIREMENTS (GE)	33-37	PREREQUISITES FOR MAJOR	
Foundations	23	Math 1130 College Algebra for Business OR Math 1148 College Algebra	Recommend Overlapping all Major Prerequisite Courses with the GE
Writing & Info Literacy	3		
Math & Quant Reasoning or Data Analysis Math 1130/1148 ❖	4	ENR 2100/2101 Intro to Environmental Science	
Literary, Visual & Performing Arts	3	ENR 2300 Society and Natural Resources	
Historical & Cultural Studies <i>ENR 3470 ^</i>	3	SENR CORE REQUIREMENTS	16
Natural Science <i>ENR 2100/2101❖</i>	4	ENR 1100 ENR Survey	1
Social & Behavioral Sciences <i>ENR 2300❖</i>	3	ENR 2000 Natural Resource Data Analysis	3
Race, Ethnic & Gender Diversity	3	ENR 2367 Communicating ENR Information	3
		ENR 3300 Intro to Forestry, Fisheries, & Wildlife	3
Thematic Pathways	8-12	ENR 3700 Intro to Spatial Info for Natural Resources	3
Citizenship for a Diverse & Just World <i>ENR 2400 ^</i>	4-6	ENR 4900.01 or ENR 4900.02 Senior Capstone	3
Theme of Choice <i>Recommend overlapping ENR 3200 or 3400</i>	4-6	REQUIREMENTS FOR MAJOR	53-55
Bookend Courses	2	PAR Core	12
GenEd 1201 Launch Seminar	1	ENR 3600 Recreation Management on Public Lands	3
GenEd 4001 Reflection Seminar	1	ENR 4680 Nature and the Life Span	3
COURSES SUPPORTING MAJOR	7	ENR 5640 Natural Resources Program Planning	3
Biology 1101 Introductory Biology OR Biology 1113 Energy, Transfer & Development OR Biology 1114 Form, Function, Diversity, & Ecology	4	ENR 5645 Research in Parks and Recreation	3
		Policy and legal considerations	12
ECON 2001.01 / AEDECON 2001 Principles of Microeconomics	3	Communication and human behavior	12
		Administration and fiscal responsibilities	9
FREE ELECTIVES	5-12	Environmental management	8-10
Note: Students may wish to fulfill miscellaneous (free) credits toward graduation by taking an outdoor recreation course in the Sport Fitness and Health Program: https://sfhp.ehe.osu.edu/outdoor-pursuits/ ❖ Prerequisite to PAR major; recommend taking as part of GE Foundations. ^ Recommended GE option MINIMUM 2.0 CUMUL. GPA REQUIRED FOR GRADUATION MINIMUM 2.0 MAJOR GPA REQUIRED FOR GRADUATION C- or better required in all SENR core and major courses			
		UNIVERSITY (GE) REQUIREMENTS Total	33-37
		COURSES SUPPORTING MAJOR Total	7
		FREE ELECTIVES Total	6-12
		SENR Core Total	16
		Major Core Total	53-55
		MINIMUM HRS FOR GRADUATION	121

Additional requirements for major	Credits
Required Courses	44-46
<i>Policy and legal considerations</i>	12
ENR 3200 ENR Policy	3
ENR 4450 Climate Change Policy OR ENR 5325 Forest and Public Lands Policy OR ENR 5451 Water Policy and Governance OR ENR 5649 Wildlife Conservation Policy	3
ENR 4400 Law and Legal Process OR ENR 5210 US Environmental impact assessment	3
ENR 4648 ENR Law Enforcement	3
<i>Communication and human behavior</i>	12
ENR 3612 Introduction to Environmental Education & Communication	3
ENR 4611 Environmental Interpretation and Visitor Services	3
ENR 3400 Psychology of Environmental Problems	3
COMM 3340 Principles of Environmental Campaigns OR COMM 2596 Introduction to the Communication of Science, Health, Environment, & Risk	3
<i>Administration and fiscal responsibilities</i>	9
ENR 5642 Park Administration & Management	3
PUBAFRS 4310 State & Local Government Finance OR ECON 4310 Local Public Finance	3
AEDECON 3160 Human Resource Management in Small Businesses OR BUSMHR 3100 Foundations of Management and Human Resources	3
<i>Environmental Management</i>	8-10
ENR 4610 Natural History of Ohio	3
Select at least <u>two</u> additional courses (5-7 credits; must be at least 5 credits), ideally in <u>one</u> of these 4 topical areas - Forest Ecology/Habitat Management - ENR 3335.01 (& ENR 3335.02) Introduction to Wildland Fire Mgmt (& Lab) - ENR 5340 Forest Ecosystem Mgmt - ENR 5370 Management of Wildlife Habitat - Wildlife Management - ENR 4360 Zoo Science and Mgmt (2) - ENR 5360 Principles of Wildlife Ecology and Mgmt - ENR 5364.01 Mammalian Wildlife Biology & Mgmt *OR* ENR 5364.02 Avian Wildlife Biology & Mgmt - Aquatic/Fisheries Science - ENR 3280 Water Quality Management (2) - ENR 4342 Principles of Fisheries Ecology and Mgmt - ENR 5280 Stream Ecology (4) - Ecosystem Restoration - EEOB 3410 Ecology (4) (<i>note: EEOB 3410 is a prerequisite for ENR 3800 – cannot take with any other combo</i>) - ENR 3800 Principles and Tools of Ecosystem Restoration (2) (<i>Prereq EEOB 3410</i>)	5-7

School of Environment and Natural Resources

Parks and Recreation (PAR)

121 Hours - Curriculum – Autumn Semester 2027

COURSE & NUMBER	Credits	COURSE & NUMBER	Credits
UNIVERSITY REQUIREMENTS (GE)	33-37	PREREQUISITES FOR MAJOR	
Foundations	23	Math 1130 College Algebra for Business OR Math 1148 College Algebra	Recommend Overlapping all Major Prerequisite Courses with the GE
Writing & Info Literacy	3		
Math & Quant Reasoning or Data Analysis Math 1130/1148 ❖	4	ENR 2100/2101 Intro to Environmental Science	
Literary, Visual & Performing Arts	3	ENR 2300 Society and Natural Resources	
Historical & Cultural Studies <i>ENR 3470 ^</i>	3	SENR CORE REQUIREMENTS	16
Natural Science <i>ENR 2100/2101❖</i>	4	ENR 1100 ENR Survey	1
Social & Behavioral Sciences <i>ENR 2300❖</i>	3	ENR 2000 Natural Resource Data Analysis	3
Race, Ethnic & Gender Diversity	3	ENR 2367 Communicating ENR Information	3
		ENR 3300 Intro to Forestry, Fisheries, & Wildlife	3
Thematic Pathways	8-12	ENR 3700 Intro to Spatial Info for Natural Resources	3
Citizenship for a Diverse & Just World <i>ENR 2400 ^</i>	4-6	ENR 4900.01 or ENR 4900.02 Senior Capstone	3
Theme of Choice <i>Recommend overlapping ENR 3200 or 3400</i>	4-6	REQUIREMENTS FOR MAJOR	53-55
Bookend Courses	2	PAR Core	12
GenEd 1201 Launch Seminar	1	ENR 3600 Recreation Management on Public Lands	3
GenEd 4001 Reflection Seminar	1	ENR 4680 Nature and the Life Span	3
COURSES SUPPORTING MAJOR	7	ENR 5640 Natural Resources Program Planning	3
Biology 1101 Introductory Biology OR Biology 1113 Energy, Transfer & Development OR Biology 1114 Form, Function, Diversity, & Ecology	4	ENR 5645 Research in Parks and Recreation	3
		Policy and legal considerations	12
ECON 2001.01 / AEDECON 2001 Principles of Microeconomics	3	Communication and human behavior	12
		Administration and fiscal responsibilities	9
FREE ELECTIVES	5-12	Environmental management	8-10
Note: Students may wish to fulfill miscellaneous (free) credits toward graduation by taking an outdoor recreation course in the Sport Fitness and Health Program: https://sfhp.ehe.osu.edu/outdoor-pursuits/			
❖ Prerequisite to PAR major; recommend taking as part of GE Foundations.		UNIVERSITY (GE) REQUIREMENTS Total	33-37
^ Recommended GE option		COURSES SUPPORTING MAJOR Total	7
MINIMUM 2.0 CUMUL. GPA REQUIRED FOR GRADUATION		FREE ELECTIVES Total	6-12
MINIMUM 2.0 MAJOR GPA REQUIRED FOR GRADUATION		SENR Core Total	16
C- or better required in all SENR core and major courses		Major Core Total	53-55
		MINIMUM HRS FOR GRADUATION	121

Additional requirements for major	Credits
Required Courses	44-46
<i>Policy and legal considerations</i>	12
ENR 3200 ENR Policy	3
ENR 4450 Climate Change Policy OR ENR 5325 Forest and Public Lands Policy OR ENR 5451 Water Policy and Governance OR ENR 5649 Wildlife Conservation Policy	3
ENR 4400 Law and Legal Process OR ENR 5210 US Environmental impact assessment	3
ENR 4648 ENR Law Enforcement	3
<i>Communication and human behavior</i>	12
ENR 3612 Introduction to Environmental Education & Communication	3
ENR 4611 Environmental Interpretation and Visitor Services	3
ENR 3400 Psychology of Environmental Problems	3
COMM 3340 Principles of Environmental Campaigns OR COMM 2596 Introduction to the Communication of Science, Health, Environment, & Risk	3
<i>Administration and fiscal responsibilities</i>	9
ENR 5642 Park Administration & Management	3
PUBAFRS 4310 State & Local Government Finance OR ECON 4310 Local Public Finance	3
AEDECON 3160 Human Resource Management in Small Businesses OR BUSMHR 3100 Foundations of Management and Human Resources	3
<i>Environmental Management</i>	8-10
ENR 4610 Natural History of Ohio	3
Select at least <u>two</u> additional courses (5-7 credits; must be at least 5 credits), ideally in <u>one</u> of these 4 topical areas - Forest Ecology/Habitat Management - ENR 3335.01 (& ENR 3335.02) Introduction to Wildland Fire Mgmt (& Lab) - ENR 5340 Forest Ecosystem Mgmt - ENR 5370 Management of Wildlife Habitat - Wildlife Management - ENR 4360 Zoo Science and Mgmt (2) - ENR 5360 Principles of Wildlife Ecology and Mgmt - ENR 5364.01 Mammalian Wildlife Biology & Mgmt *OR* ENR 5364.02 Avian Wildlife Biology & Mgmt - Aquatic/Fisheries Science - ENR 3280 Water Quality Management (2) - ENR 4342 Principles of Fisheries Ecology and Mgmt - ENR 5280 Stream Ecology (4) - Ecosystem Restoration - EEOB 3410 Ecology (4) (<i>note: EEOB 3410 is a prerequisite for ENR 3800 – cannot take with any other combo</i>) - ENR 3800 Principles and Tools of Ecosystem Restoration (2) (<i>Prereq EEOB 3410</i>)	5-7