

# NATURAL RESOURCES RECREATION MANAGEMENT

## REQUIREMENTS

**CORE CURRICULUM** The Core Curriculum is designed to foster critical thinking skills and introduce students to basic domains of thinking that transcend disciplines. The Core applies to all majors. Information on specific classes in the Core can be found at [marshall.edu/gened](http://marshall.edu/gened).

### CORE 1: CRITICAL THINKING

CODE	COURSE NAME	HRS	GRADE
FYS 100	First Year Seminar	3	_____
NRE 220	Critical Thinking Course	3	_____
NRE 120	Critical Thinking Course	3	_____
<b>Additional University Requirements</b>			
_____	Writing Intensive	3	_____
_____	Writing Intensive	3	_____
_____	Multicultural or International	3	_____
NRRM 490	Capstone	6	_____

### CORE 2:

CODE	COURSE NAME	HRS	GRADE
ENG 101	Beginning Composition	3	_____
ENG 201	Advanced Composition	3	_____
CMM 103	Fund Speech-Communication	3	_____
MTH 127	College Algebra (or 130/160)	5	_____
_____	Core II Humanities	3	_____
_____	Core II Social Science	3	_____
_____	Core II Fine Arts	3	_____
_____	Core II Physical/Natural Science	4	_____

### MAJOR-SPECIFIC

All NRRM majors are required to take the following courses:

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
NRRM 101	Intro Natural Res & Rec Mgmt	3	_____	NRRM 310	Environmental Interpretation	3	_____
NRE 120	Discussions in Environ Science	3	_____	NRRM 432	Wilderness/Protected Area Mgmt	3	_____
IST 150	Spreadsheet and Database Prin	3	_____	NRRM 402	Research Eval & Assess in NRRM	3	_____
NRE 423	GIS and Data Systems	3	_____	NRRM 433	GIS/RS in Natural Resources	3	_____
NRRM 200	Analytical Methods: Statistics	4	_____	NRE 490	ES/NRRM Capstone Prep	3	_____
NRE 111	Living Systems	4	_____	_____	300/400 NRRM Elective	3	_____
NRRM 380	Rec Resource Oper and Admin	3	_____	_____	300/400 NRRM Elective	3	_____
NRE 220	Human Dimensions of Nat Res	3	_____	_____	300/400 NRRM Elective	3	_____
NRRM 350	Adventure Education Leadership	3	_____	_____	Free Elective	3	_____
NRRM 361	Visitor Behavior in NRRM	3	_____	_____	Free Elective	3	_____
NRRM 405	Park and Recreation Ecology	3	_____	_____	Free Elective	3	_____
NRRM 411	Rec Resource Planning and Design	3	_____	_____	Free Elective	3	_____
_____	_____	_____	_____	_____	Free Elective	2	_____

### MAJOR INFORMATION

- **CAPSTONE EXPERIENCE:** It is the responsibility of each student to consult his/her advisor regarding details of meeting the capstone requirement. The Capstone for this degree is completed in the summer.
- Students are required to know and track their degree requirements for graduation or for entrance to a professional school.
- Coursework listed as "elective" may vary for each student. Students are encouraged to use elective hours toward a minor or toward prerequisites.
- Students are strongly encouraged to select courses that meet two or more Core or College requirements. For example, a writing intensive literature course could satisfy the Core II Humanities requirement as well as the university writing intensive requirement.
- Course offerings and course attributes are subject to change each semester.

- Please consult each semester's schedule of courses for availability and attributes.
- Minimum 2.0 overall and MU and in all NRRM coursework required for graduation.
  - Minimum of 120 hours (40 upper level) required for graduation.

# NATURAL RESOURCES RECREATION MANAGEMENT

The Department of Natural Resources and the Environment offers a B.S. in Natural Resources and Recreation Management. The NRRM program is focused on the management of natural resource and recreation areas such as parks, forests, coastal areas, and other natural areas located on public and private lands. The NRRM program offers an interdisciplinary Bachelor of Science degree, in which students will study the fields of natural resource management, recreation and leisure studies, environmental science, biology, sociology, psychology, and business. The program prepares qualified professionals for employment with municipal, state, or national park and recreation agencies, the US Forest Service, the US Army Corps of Engineers, nature centers, and a variety of tourism entities to name a few.

YEAR ONE	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	NRRM 101	Intro Natural Res & Rec Mgmt	3	_____	IST 150	Spreadsheet & Database Prin	3	_____
	NRE 120	Discussions in EnviroScience (CT)	3	_____	CMM 103	Fund Speech-Communication	3	_____
	FYS 100	First Year Sem Crit Thinking	3	_____	MTH 127	College Algebra Extended	5	_____
	ENG 101	Beginning Composition	3	_____	NRE 220	Human Dimensions of Nat Res (CT)	3	_____
	_____	Core II Fine Arts	3	_____				
	UNI 100	Freshman First Class	1	_____				
	<b>TOTAL HOURS</b>		<b>16</b>		<b>TOTAL HOURS</b>		<b>14</b>	
	Summer Term (optional):							

YEAR TWO	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	NRE 423	GIS and Data Systems	3	_____	NRRM 380	Rec Resource Oper and Admin	3	_____
	NRRM 200	Analytical Methods: Statistics	4	_____	_____	Writing Intensive	3	_____
	NRE 111	Living Systems	4	_____	_____	Core II Physical/Natural Science	4	_____
	ENG 201	Advanced Composition	3	_____	_____	Core II Social Science (MC/I)	3	_____
					_____	Free Elective	3	_____
	<b>TOTAL HOURS</b>		<b>14</b>		<b>TOTAL HOURS</b>		<b>16</b>	
	Summer Term (optional):							

YEAR THREE	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	NRRM 350	Adventure Education Leadership	3	_____	NRRM 405	Park & Recreation Ecology	3	_____
	NRRM 361	Visitor Behavior in NRRM	3	_____	NRRM 411	Rec Resource Planning & Design	3	_____
	_____	Core II Humanities (WI)	3	_____	_____	300/400 NRRM Elective	3	_____
	_____	300/400 NRRM Elective	3	_____	NRE 490	ES/NRRM Capstone Prep	3	_____
	_____	Natural/ Physical Science Elective	4	_____	_____	Free Elective	3	_____
	<b>TOTAL HOURS</b>		<b>16</b>		<b>TOTAL HOURS</b>		<b>15</b>	
	Summer Term (optional):							
		NRRM 490	Internship (C)	6	_____			

YEAR FOUR	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	NRRM 310	Environmental Interpretation	3	_____	NRRM 402	Research Eval & Assess in NRRM	3	_____
	NRRM 432	Wilderness/Protected Area Mgmt	3	_____	NRRM 433	GIS/RS in Natural Resources	3	_____
	_____	300/400 NRRM Elective	3	_____	_____	Free Elective	2	_____
	_____	Free Elective	3	_____	NRRM 490	Internship (C) (if not in summer)	6	_____
	_____	Free Elective	3	_____				
	<b>TOTAL HOURS</b>		<b>15</b>		<b>TOTAL HOURS</b>		<b>14</b>	
	Summer Term (optional):							

● General Education Requirement  
■ College Requirement  
◆ Major Requirement  
◆ Area of Emphasis

🌳 Milestone Course: This is a key success marker for your major. See your advisor to discuss importance of this course in your plan of study.

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# NATURAL RESOURCES RECREATION MANAGEMENT – 2022-2023

## INVOLVEMENT OPPORTUNITIES

- Student Government Association
- Campus Activity Board
- JMELI
- Commuter Student Advisory Board
- Club Sports
- Religious Organizations
- Political Organizations
- Residence Hall Association
- Cultural Organizations
- National Society of Leadership and Success
- Greek Life

## RELATED MAJORS

- Mechanical Engineering
- Civil Engineering
- Safety Technology
- Computer Science
- Chemistry
- Biology

## GRADUATION REQUIREMENTS

- Have a minimum of 120 credit hours (some colleges or majors require more);
- Have an overall and Marshall Grade Point Average of 2.00 or higher;
- Have an overall Grade Point Average of 2.00 or higher in the major area of study;
- Have earned a grade of C or better in English 201 or 201 H;
- Have met all major(s) and college requirements;
- Have met the requirements of the Core Curriculum;
- Have met the residence requirements of Marshall University, including 12 hours of 300/400 level coursework in the student's college (see section entitled "Residence Requirements" in the undergraduate catalogue);
- Be enrolled at Marshall at least one semester of the senior year;
- Have transferred no more than 72 credit hours from an accredited West Virginia two-year institution of higher education.

Colleges and specific programs may have unique requirements that are more stringent than those noted above. Students are responsible for staying informed about and ensuring that they meet the requirements for graduation.

This academic map is to be used as a guide in planning your coursework toward a degree. Due to the complexities of degree programs, it is unfortunate but inevitable that an error may occur in the creation of this document. The official source of degree requirements at Marshall University is DegreeWorks available in your myMU portal. Always consult regularly with your advisor.

## YEAR ONE



Have questions? Need to talk? You already have a Friend-At-Marshall ready to help you succeed. Find your FAM Peer Mentor here: [www.marshall.edu/fam](http://www.marshall.edu/fam)



Stay on the Herd Path and come to class! Class attendance is more important to your success than your high school GPA, your class standing, or your ACT/SAT scores.



In order to graduate on time, you need to take an average of 15 credits per semester. Are you on track? Take 15 to Finish!



No need to wait until graduate school. Discuss undergraduate research opportunities with faculty in your major right now.



Take a career self-assessment to help determine what jobs fit your talents and interests. We can get you there.



Join the Marshall Environmental Science Association, SCUBA Club, or other organization.



Take a pulse check. Know what you need to do every year to keep your grants, scholarships, or federal financial aid.

## YEAR THREE



Join professional associations in your field, like: American Fisheries Society, Ecological Society of America, Association of Southeastern Biologists.



Run for Student Government and represent your fellow students while making a long-term difference on Marshall's Campus.



Are you on track to graduate? Meet with your advisor for your Junior Eval to make sure you know what requirements you have left.



Think about who can help you grow as a student and a professional (professors, advisors, alumni, etc.) and ask at least one to be your mentor.



Don't enter your field with zero experience! Meet with your advisor to discuss your internship options.



Strengthen your resume and enhance your presentation skills. Present what you've learned at an academic conference off campus.



Conservation and sustainability outreach is available. Join up!

## YEAR TWO



Are you completing enough credits to graduate on time? Dropping or failing a class can put you behind. Use summer terms to quickly get back on track.



Attend civic meetings, such as the school board, neighborhood associations, city council, or important state legislative sessions.



Have you considered adding a minor or certification? Think about personal areas of interest that might give you a more marketable skill set.



Get involved! Strengthen your resume by gaining valuable field and laboratory experience.



Run for Student Government and represent your fellow students while making a long-term difference on Marshall's Campus.



Don't enter your field with zero experience! Secure an internship related to your field of study.



Join the Marshall Environmental Science Association, SCUBA Club, or other organization.

## YEAR FOUR



This is it! Are you on track to graduate? Meet with your advisor for your Senior Eval to see what requirements you have left.



Think about who can help you grow as a student and a professional (professors, advisors, alumni, etc.) and ask at least one to be your mentor.



Want to continue your education and increase your opportunities? Talk to a faculty member about whether graduate school fits your career goals.



Conservation and sustainability outreach is available. Join up!



Join professional associations in your field, like: American Fisheries Society, Ecological Society of America, Association of Southeastern Biologists.



Be at the top of your professional game! Prepare a final resume and practice your interview skills with a career coach in Career Education.

## TRANSFERABLE SKILLS ASSOCIATED WITH THIS MAJOR

- Scientific Knowledge
- Organizational Skills
- Technological Literacy
- Adaptability
- Ability to Work as Part of a Team
- Attention to Detail

## ASSOCIATED CAREERS

- Land Use Manager
- Water/Wetlands Manager
- Fishery Manager
- Forestry and Wildlife Manager
- Conservationist



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