



# NATURAL RESOURCES AND RECREATION MANAGEMENT, B.S.















The B.S. in Natural Resources and Recreation Management provides students with comprehensive knowledge and background associated with planning, management and monitoring of natural and outdoor recreation resources. The technical skillsets emphasized in Global Positioning Systems (GPS), Geographic Information Systems (GIS) & Remote Sensing (RS), and technological instrumentation set our graduates apart and support their success in professional careers or graduate education.







## Course Requirements

 - General Education Course

 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

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 <https://www.marshall.edu/gened/>.


Code	Title	Credit Hours
<b>Core Curriculum</b>		
<i>Core 1: Critical Thinking</i>		
FYS 100	First Yr Sem Critical Thinking	3
NRE 220 	Human Dimensions of Nat Res	3
NRE 120 	Discussions in Envriion Science	3
<i>Core 2</i>		
ENG 101  	Beginning Composition	3
ENG 201  	Advanced Composition	3
CMM 103 	Fund Speech-Communication	3
Select one of the following:		3-5
MTH 127  	College Algebra-Expanded	
MTH 130 	College Algebra	
MTH 160 	Applied Math Reasoning (CT)	
Core II Humanities		3
Core II Social Science		3
Core II Fine Arts		3
Core II Physical/Natural Science		4
<i>Additional University Requirements</i>		
Writing Intensive		3
Writing Intensive		3
Multicultural or International		3
NRRM 490 	Internship (Capstone)	6
<b>Major-Specific</b>		
NRRM 101 	Intro Natural Res & Rec Mgmt	3
NRE 120 	Discussions in Envriion Science	3

CIT 150	Spreadsheet and Database Apps	3
NRE 423	GIS and Data Systems	3
NRRM 200	Analytical Methods: Statistics	4
NRE 111  & NRE 111L 	Living Systems and Living Systems Lab	4
NRRM 380	Rec Resource Oper. and Admin	3
NRE 220 	Human Dimensions of Nat Res	3
NRRM 350 	Adventure Education Leadership	3
NRRM 361	Visitor Behavior in NRRM	3
NRRM 405	Park & Recreation Ecology	3
NRRM 411 	Rec Resource Planning & Design	3
NRRM 310	Environmental Interpretation	3
NRRM 432	Wilderness/Protected Area Mgmt	3
NRRM 402	Research Eval & Assess in NRRM	3
NRRM 433	GIS/RS in Natural Resources	3
NRE 490	ES/NRRM Capstone Prep	3
NRRM 490 	Internship (Capstone)	6
300/400 NRRM Elective		3
300/400 NRRM Elective		3
300/400 NRRM Elective		3
Free Elective		3
Free Elective		3
Free Elective		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.

 - General Education Course





 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

## Semester Plan






The Department of Natural Resources and Earth Sciences 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.





### First Year

First Semester			Credit Hours
NRRM 101		Intro Natural Res & Rec Mgmt	3
NRE 120		Discussions in Envrion Science (CT)	3
FYS 100		First Yr Sem Critical Thinking	3
ENG 101	 	Beginning Composition	3
Core II Fine Arts			3
UNI 100		Freshman First Class	1
<b>Credit Hours</b>			<b>16</b>

### Second Semester

CIT 150		Spreadsheet and Database Apps	3
CMM 103		Fund Speech-Communication	3
			
MTH 127	 	College Algebra-Expanded	5
NRE 220		Human Dimensions of Nat Res (CT)	3
<b>Credit Hours</b>			<b>14</b>


### Second Year

First Semester			Credit Hours
NRE 423		GIS and Data Systems	3
NRRM 200		Analytical Methods: Statistics	4
NRE 111		Living Systems	4
& NRE 111L		and Living Systems Lab	
ENG 201	 	Advanced Composition	3
<b>Credit Hours</b>			<b>14</b>


### Second Semester

NRRM 380		Rec Resource Oper. and Admin	3
Writing Intensive			3
Core II Physical/Natural Science			4
Core II Social Science (MC/I)			3
Free Elective			3
<b>Credit Hours</b>			<b>16</b>

### Third Year

First Semester			Credit Hours
NRRM 350		Adventure Education Leadership	3
NRRM 361		Visitor Behavior in NRRM	3
Core II Humanities (WI)			3
300/400 NRRM Elective			3
Natural/Physical Science Elective			4
<b>Credit Hours</b>			<b>16</b>

### Second Semester

NRRM 405		Park & Recreation Ecology	3
NRRM 411		Rec Resource Planning & Design	3

300/400 NRRM Elective		3
NRE 490	ES/NRRM Capstone Prep	3
Free Elective		3
<b>Credit Hours</b>		<b>15</b>

### Fourth Year

First Semester		
NRRM 310	Environmental Interpretation	3
NRRM 432	Wilderness/Protected Area Mgmt	3
300/400 NRRM Elective		3
Free Elective		3
Free Elective		3
Credit Hours		15

### Second Semester

NRRM 402	Research Eval & Assess in NRRM	3
NRRM 433	GIS/RS in Natural Resources	3
NRRM 490 🐾	Internship (C) (if not in Summer)	6
Free Elective		2
Credit Hours		14
Total Credit Hours		120