

BS in Natural Resource Science and Management with Emphasis in Human Dimensions

Degree Program Description

The Natural Resource Science and Management degree with an emphasis in Human Dimensions targets students who wish to link a solid background in taxonomy and ecology with social sciences. Students may focus on outdoor interpretation, natural resources economics, and resource policy. Students with degrees in Natural Resource Science and Management with an emphasis in Human Dimensions can find employment as interpretive naturalists and natural resource educators.

Major Program Requirements

In addition to completing major program requirements (<https://catalog.missouri.edu/collegeofagriculturefoodandnaturalresources/naturalresourcesciencemanagement/bs-natural-resource-science-management/>), students must complete the following additional emphasis area requirements:

Degree Program Requirements-Emphasis Area

ABM 2070	Environmental Economics and Policy	3
PRST 3230	Outdoor Recreation Policy	3
PRST 4340	Recreation Land Management	3
ENV_SC 3400	Water Quality and Natural Resources Management	3
or FOREST 4390	Watershed Management and Water Quality	
ENV_SC 4024	Foundations of Environmental Education	3
F_W 1100	Introductory Zoology with Laboratory	5
or BIO_SC 1500	Introduction to Biological Systems with Laboratory	
F_W 4220	Human Dimensions of Fish and Wildlife Conservation	3
F_W 4400	Fisheries Techniques	2-4
or F_W 4700	Wildlife Ecology Methods	
or NAT_R 4308	Methods in Stream Ecology	

Zoology Courses (choose 2; 1 of which needs to be F_W)

F_W 2600	Ornithology	
F_W 2700	Ichthyology	
F_W 3660	Mammalogy	
BIO_SC 3260W	Invertebrate Zoology - Writing Intensive	
PLNT_SCI 3710	Introductory Entomology	

Professional Electives (Choose 3 Courses)

ABM 3241W	Ethical Issues in Agriculture - Writing Intensive	
ENV_SC 2600	Sustainability Foundations: An Introduction to Sustainability	
ENV_SC 4400W	Environmental Law, Policy, and Justice - Writing Intensive If took NAT_R 4353 to fulfill degree program requirement	
ENV_SC 4600W	Sustainability Science Problem Solving - Writing Intensive	
FOREST 4350	Forest Economics	

NAT_R 2080	Outdoor Recreation Consortium
NAT_R 4353	Natural Resource Policy/Administration If took ENV_SC 4400W to fulfill degree program requirement
NAT_R 4365 or GEOG 4790	GIS Applications Geographic Information Systems for the Social Sciences
PRST 4250	Parks, Health and Wellness
SOCIOL 3330	Environmental Justice

Semester Plan

Below is a sample semester plan for the Human Dimensions Emphasis Area. A student's actual plan may vary due to course choices, course availability, transfer courses, and minors/certificates pursued. Please consult with your advisor prior to registering for courses.

First Year					
Fall	CR	Spring	CR		
BIO_SC 1200	5	NAT_R 2325	3		
MATH 1100	3	ENGLSH 1000	3		
NAT_R 1070	3	F_W 1100	5		
ATM_SC 1050	3	PRST 3231	3		
			14	14	
Second Year					
Fall	CR	Spring	CR		
ABM 2070W	3	SOIL 2100	3		
NAT_R 4110	4	SOIL 2106	2		
BIO_SC 3650 or FOREST 4320	5	Zoology Course	4		
FOREST 2151	4	CHEM 1400 & CHEM 1401	4		
				Humanities & Fine Arts	3
			16	16	
Third Year					
Fall	CR	Spring	CR	Summer	CR
MATH 1400	3	NAT_R 3400 or FOREST 4390	3	NAT_R 4940	3
Professional Elective	3	Zoology Course	5		
Humanities & Fine Arts	3	Professional Elective	3		
ENV_SC 4024	3	Missouri State Law Requirement	3		
STAT 2500	3				
			15	14	
			3		
Fourth Year					
Fall	CR	Spring	CR		
Missouri State Law Requirement	3	NAT_R 4353	3		
Professional Elective	3	PRST 4340	3		
PRST 3230	3	F_W 4650	4		
F_W 4700	4	Humanities & Fine Arts WI	3		
F_W 4600W	3	Behavioral or Social Science	3		
			16	16	

Total Credits: 124