

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 (<http://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 2070W	Environmental Economics and Policy - Writing Intensive	3
PRST 3230	Outdoor Recreation Policy	3
PRST 4340	Recreation Land Management	3
NAT_R 3400	Water Quality and Natural Resource Management	3
or FOREST 4390	Watershed Management and Water Quality	
NAT_R 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	Techniques for Fisheries Management and Conservation	4
or F_W 4700	Wildlife Ecology Methods	
or NAT_R 4300	Methods in Lake Ecology	
Zoology Courses (choose 2; minimum 1 course from F_W)		7-9
F_W 2600	Ornithology	
F_W 2700	Ichthyology	
F_W 3660	Mammalogy	
BIO_SC 3260W	Invertebrate Zoology - Writing Intensive	
PLNT_SCI 3710 & PLNT_SCI 3715	Introductory Entomology and Insect Diversity	
Emphasis Courses		9
ABM 3241W	Ethical Issues in Agriculture - Writing Intensive	
AGSC_COM 2225	Science, Technology and Society	
ENV_SC 2600	Sustainability Foundations: An Introduction to Sustainability	
ENV_SC 4400W	Environmental Law, Policy, and Justice - Writing Intensive	

ENV_SC 4600W	Sustainability Science Problem Solving - Writing Intensive
FOREST 4350	Forest Economics
NAT_R 2080	Outdoor Recreation Consortium
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

Total Credits 43-45

Semester Plan

Below is a sample semester plan for the Human Dimensions Emphasis Area. 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 1041	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 1320	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
ABM 2070W	3	Zoology Course	5		
Humanities & Fine Arts	3	Professional Elective	3		
Professional Elective	3	Humanities & Fine Arts	3		
ABM 2123	3	Missouri State Law Requirement	3		
		15	17		3

Fourth Year				
Fall	CR	Spring	CR	
F_W 4220	3	NAT_R 4353	3	
NAT_R 4024	3	PRST 4340	3	
PRST 3230	3	F_W 4650	4	
Behavioral or Social Science	3	F_W 4700	4	
F_W 4600W	3			
		15	14	

Total Credits: 124