

# FORESTRY/WILDLIFE/RANGE MANAGEMENT (AS)

## Associate of Science

### Transfer Program

#### Interest Areas:

Science, Tech., Engr. and Math

This program provides required coursework for students interested in pursuing a career in natural resource management. The program acquaints students with the physical, biological, and social sciences, as well as the humanities. The curriculum provides a basis of general education and scientific-professional courses addressing the use of forests, rangelands, and related natural resources.

Completion of the following courses results in an associate's degree with an area of emphasis In Forestry/Wildlife/Range Management. The required coursework normally fulfills the first half of baccalaureate degree requirements in natural resource management for a variety of disciplines, including Forestry, Wildlife, Fisheries, Range Management, etc. Course selection should be tailored to match requirements defined by the intended transfer institution.

### Contact Information:





Natural Sciences Division












Meyer Health and Sciences Building, Room 250

Phone: (208) 769-3495

Program Website (<https://www.nic.edu/programs/forestrywildliferange-management/>)

## Program Requirements

Code	Title	Credits
<b>General Education Requirements</b>		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing <sup>1</sup>		0
GEM 4 - Scientific Ways of Knowing <sup>1</sup>		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing <sup>2</sup>		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
<b>Program Requirements</b>		
BIOL-101	Forestry Orientation	1
BIOL-115	Introduction to Life Sciences 	4
BIOL-221	Forest Ecology	4
CHEM-101	Introduction to Chemistry 	4
ECON-202	Principles of Microeconomics 	3
MATH-253	Statistical Methods 	3
Select one of the following:		4-5

MATH-143 & MATH-144	College Algebra  and Analytic Trigonometry
MATH-147	College Algebra and Trigonometry 
MATH-160	Survey of Calculus 
MATH-170	Calculus I 
Select 15 credits from the following:	
BACT-250	General Microbiology 
BIOL-251	Principles of Range Resources Management
BIOL-290	Principles of Wildlife Biology
BTNY-203	General Botany 
BTNY-241	Systematic Botany 
CHEM-275	Carbon Compounds
GEOL-101	Physical Geology 
PHYS-101	Fundamentals of Physical Science 
PHYS-111	General Physics I 
ZOOL-202	General Zoology 
<b>Total Credits</b>	<b>60-63</b>

<sup>1</sup> This General Education Requirement is met by the Program Requirements.

<sup>2</sup> This General Education Requirement is partially met by the Program Requirements.

### Course Key



GEM



AAS  
Institutionally  
Designated



Gateway



Milestone

## Program Outcomes

Upon completion of the program, students will be able to:

1. Describe ecological processes that influence organisms and ecosystem change and how these impact the future sustainability of natural resources.
2. Describe how the use, management, and allocation of natural resources are impacted by legislation, economic, biological, and societal factors.
3. Communicate effectively, orally, and in writing with audiences of diverse backgrounds the management of natural resources.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.