

# MAJOR IN NATURAL RESOURCES MANAGEMENT

## Major Completion Map

At least 200 hours of acceptable professional work experience in the student's field prior to graduation is highly recommended. This can

include summer/seasonal/school semester employment in natural resource management through paid summer jobs, an approved internship, volunteer positions, or work study experience. Acceptable work experience includes (but is not limited to) working for federal, state, non-governmental, private, and university organizations that research or manage natural resources, or are responsible for public policy or public relations related to natural resources.

### Freshman

Semester 1		Critical	Recommended	AUCC	Credits
BZ 120	Principles of Plant Biology (GT-SC1)	X		3A	4
CO 150	College Composition (GT-CO2)			1A	3
F 101	Intro to Forest and Rangeland Stewardship				1
MATH 117	College Algebra in Context I (GT-MA1)	X		1B	1
MATH 118	College Algebra in Context II (GT-MA1)	X		1B	1
MATH 125	Numerical Trigonometry (GT-MA1)	X		1B	1
NR 193	FRS First Semester Seminar				1
Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )				3B	3
<b>Total Credits</b>					<b>15</b>

Semester 2		Critical	Recommended	AUCC	Credits
BZ 110	Principles of Animal Biology (GT-SC2)	X		3A	3
CHEM 107	Fundamentals of Chemistry (GT-SC2)	X		3A	4
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)			3A	1
SPCM 200	Public Speaking				3
Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )				3B	3
CO 150 must be completed by the end of Semester 2.				X	
<b>Total Credits</b>					<b>14</b>

### Sophomore

Semester 3		Critical	Recommended	AUCC	Credits
ECON 202	Principles of Microeconomics (GT-SS1)	X		3C	3
F 209	Introduction to Forest and Rangeland Ecology	X			3
F 310/RS 310	Forest and Rangeland Ecogeography				3
SOCR 240	Introductory Soil Science	X			4
Select one course from the following:					1-2
F 312	Dendrology				
RS 312	Rangeland Plant Identification Lab				
Elective					0-1
<b>Total Credits</b>					<b>15</b>

Semester 4		Critical	Recommended	AUCC	Credits
STAT 301	Introduction to Applied Statistical Methods	X			3
Select one course from the following:					3
GEOL 120	Exploring Earth - Physical Geology (GT-SC2)			3A	
GEOL 122	The Blue Planet - Geology of Our Environment (GT-SC2)			3A	
GEOL 124	Geology of Natural Resources (GT-SC2)			3A	
Minor Course					3
Diversity, Equity, and Inclusion ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion</a> )				1C	3
Historical Perspectives ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> )				3D	3
<b>Total Credits</b>					<b>15</b>

<b>Semester 5</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
NR 220	Natural Resource Ecology and Measurements	X			5
<b>Total Credits</b>					<b>5</b>
<i>Junior</i>					
<b>Semester 6</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
NR 319	Introduction to Geospatial Science				4
F 322	Economics of the Forest Environment				3
Select one course from the following:					3
F 311	Forest Ecology				
RS 351	Wildland Ecosystems in a Changing World				
Minor Course					3
Forestry minors take F 325 instead of NR 326.					
<b>Total Credits</b>					<b>13</b>
<b>Semester 7</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
F 325	Silviculture				3
GR 204/WR 204	Sustainable Watersheds (GT-SC2)	X		3A	3
NR 320	Natural Resources History and Policy	X			3
Select one course from the following:					3
CO 300	Writing Arguments (GT-CO3)			2	
JTC 300	Strategic Writing and Communication (GT-CO3)			2	
Minor Course					3
<b>Total Credits</b>					<b>15</b>
<b>Semester 8</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
Professional Work Experience					
<b>Total Credits</b>					<b>0</b>
<i>Senior</i>					
<b>Semester 9</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
F 321	Forest and Natural Resource Biometry				3
F 326	Wildland Fire Behavior and Management				3
RS 300	Rangeland Conservation and Stewardship				3
Minor Courses					6
<b>Total Credits</b>					<b>15</b>
<b>Semester 10</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
NR 400	Public Communication in Natural Resources			4A,4B	3
NR 420	Integrated Ecosystem Management	X		4C	4
Minor Courses		X			6
The benchmark courses for the 10th semester are the remaining courses in the entire program of study.		X			
<b>Total Credits</b>					<b>13</b>
<b>Program Total Credits:</b>					<b>120</b>