

# MAJOR IN FOREST AND RANGELAND STEWARDSHIP, RANGELAND AND FOREST MANAGEMENT CONCENTRATION

## Requirements Effective Fall 2022

### Freshman

		AUCC	Credits
BZ 120	Principles of Plant Biology (GT-SC1)	3A	4
CHEM 107	Fundamentals of Chemistry (GT-SC2)	3A	4
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	1
CO 150	College Composition (GT-CO2)	1A	3
F 101	Intro to Forest and Rangeland Stewardship		1
MATH 141	Calculus in Management Sciences (GT-MA1)	1B	3
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	6
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>29</b>

### Sophomore

AREC 202 or ECON 202	Agricultural and Resource Economics (GT-SS1) Principles of Microeconomics (GT-SS1)	3C	3
BZ 223	Plant Identification		3
F 209	Introduction to Forest and Rangeland Ecology		3
F 310/RS 310	Forest and Rangeland Ecogeography		3
F 312	Dendrology		2
RS 300	Rangeland Conservation and Stewardship		3
RS 312	Rangeland Plant Identification Lab		1
SOCR 240	Introductory Soil Science		4
SPCM 200	Public Speaking		3
STAT 301	Introduction to Applied Statistical Methods		3
<b>Total Credits</b>			<b>28</b>

### Summer

F 230	Forestry Field Measurements		2
NR 220	Natural Resource Ecology and Measurements		5

**Total Credits** 7

### Junior

F 311	Forest Ecology		3
F 321	Forest Biometry		3
F 322	Economics of the Forest Environment		3

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F 325	Silviculture		3
GR 204/WR 204	Sustainable Watersheds (GT-SC2)	3A	3
NR 319 or 322	Geospatial Applications in Natural Resources Intro. to Geographic Information Systems		4
NR 320	Natural Resources History and Policy		3
RS 351	Wildland Ecosystems in a Changing World	4A,4B	3
Select one course from the following:			3
CO 300	Writing Arguments (GT-CO3)	2	
CO 301B	Writing in the Disciplines: Sciences (GT-CO3)	2	
JTC 300	Strategic Writing and Communication (GT-CO3)	2	
<b>Total Credits</b>			<b>28</b>
<b>Summer</b>			
RS 329	Rangeland Assessment		1
<b>Total Credits</b>			<b>1</b>
<b>Senior</b>			
ANEQ 472 or 478	Sheep Systems Beef Systems		3
F 326	Wildland Fire Behavior and Management		3
NR 420	Integrated Ecosystem Management	4C	4
RS 432	Rangeland Measurements and Monitoring		2
RS 452	Rangeland Herbivore Ecology and Management	4B	3
RS 478	Ecological Restoration		3
Select one course from the following:			3-4
BZ 440	Plant Physiology		
F 324	Fire Effects and Adaptations		
SOCR 440	Pedology		
SOCR 442	Forest and Range Soils		
Select one course from the following:			1-4
BSPM 308	Ecology and Management of Weeds		
BSPM 365	Integrated Tree Health Management		
F 330	Timber Harvesting and the Environment		
F 335	Applications of Silviculture		
F 421	Ecological Forest Management		
F 422	Quantitative Methods in Forest Management		
Electives <sup>1</sup>			1-5
<b>Total Credits</b>			<b>27</b>
<b>Program Total Credits:</b>			<b>120</b>

<sup>1</sup> Select enough elective credits to bring the program to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).