

# MAJOR IN FOREST AND RANGELAND STEWARDSHIP, 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
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	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
<b>Total Credits</b>			<b>29</b>

### Sophomore

ECON 202	Principles of Microeconomics (GT-SS1)	3C	3
F 209	Introduction to Forest and Rangeland Ecology		3
F 310/RS 310	Forest and Rangeland Ecogeography		3
F 312	Dendrology		2
GR 204/WR 204	Sustainable Watersheds (GT-SC2)	3A	3
SOCR 240	Introductory Soil Science		4
STAT 301	Introduction to Applied Statistical Methods		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
Elective			3
<b>Total Credits</b>			<b>27</b>

### Summer

F 230	Forestry Field Measurements		2
NR 220	Natural Resource Ecology and Measurements		5
<b>Total Credits</b>			<b>7</b>

### Junior

F 311	Forest Ecology		3
F 321	Forest Biometry		3
F 322	Economics of the Forest Environment		3
F 325	Silviculture		3
F 330	Timber Harvesting and the Environment		1
F 335	Applications of Silviculture		1
JTC 300	Strategic Writing and Communication (GT-CO3)	2	3

NR 319	Geospatial Applications in Natural Resources		4
NR 320	Natural Resources History and Policy		3
RS 300	Rangeland Conservation and Stewardship		3
Directed Electives (Select a minimum of 3 credits from the following):			3
F 425	Advanced Wildland Fire Behavior and Management		
F 430	Forestry Field Practices		
FW 260	Principles of Wildlife Management		
GR 323/NR 323	Remote Sensing and Image Interpretation		
HIST 355	American Environmental History		
HORT 464A	Arboriculture		
NR 400	Public Communication in Natural Resources		
NR 423	Applications of Global Positioning Systems		
NR 444	Fire Economics and Policy		
PHIL 345	Environmental Ethics		
POLS 361	U.S. Environmental Politics and Policy		
RS 312	Rangeland Plant Identification Lab		
RS 329	Rangeland Assessment		
RS 351	Wildland Ecosystems in a Changing World		
RS 432	Rangeland Measurements and Monitoring		
RS 452	Rangeland Herbivore Ecology and Management		
RS 478	Ecological Restoration		
SOC 320	Population-Natural Resources and Environment		
SOCR 440	Pedology		
<b>Total Credits</b>			<b>30</b>
<b>Senior</b>			
BSPM 365	Integrated Tree Health Management		4
F 326	Wildland Fire Behavior and Management		3
F 421	Ecological Forest Management	4A,4C	3
F 422	Quantitative Methods in Forest Management		3
NR 425	Natural Resource Policy and Sustainability	4B	3
Directed Electives (Select three credits from list in junior year not previously taken)			3
Electives <sup>1</sup>			8
<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 total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).