

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

The curriculum for Forest and Rangeland Stewardship - Rangeland and Forest Management concentration assumes students enter the program calculus ready. Please see the advisor in the department about any unmet prerequisites.

Major Completion Maps

Distinctive Requirements for Degree Program:

Freshman

Semester 1		Critical	Recommended	AUCC	Credits
BZ 120	Principles of Plant Biology (GT-SC1)	X		3A	4
F 101	Intro to Forest and Rangeland Stewardship				1
MATH 141	Calculus in Management Sciences (GT-MA1)	X		1B	3
NR 193	FRS First Semester Seminar				1
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)				3B	3
Diversity, Equity, and Inclusion (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion)				1C	3

Total Credits

15

Semester 2		Critical	Recommended	AUCC	Credits
CHEM 107	Fundamentals of Chemistry (GT-SC2)	X		3A	4
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)			3A	1
CO 150	College Composition (GT-CO2)	X		1A	3
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)				3B	3
Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)				3D	3

Total Credits

14

Sophomore

Semester 3		Critical	Recommended	AUCC	Credits
BZ 223	Plant Identification				3
F 209	Introduction to Forest and Rangeland Ecology	X			3
F 310/RS 310	Forest and Rangeland Ecogeography	X			3
F 312	Dendrology	X			2
RS 300	Rangeland Conservation and Stewardship	X			3
RS 312	Rangeland Plant Identification Lab	X			1
STAT 301 or STAT 307 must be completed by the end of Semester 3.					X

Total Credits

15

Semester 4		Critical	Recommended	AUCC	Credits
SOCR 240	Introductory Soil Science	X			4
SPCM 200	Public Speaking				3
STAT 301	Introduction to Applied Statistical Methods	X			3
Select one course from the following:					X
AREC 202	Agricultural and Resource Economics (GT-SS1)			3C	
ECON 202	Principles of Microeconomics (GT-SS1)			3C	

Total Credits

13

Semester 5		Critical	Recommended	AUCC	Credits
F 230	Forestry Field Measurements	X			2

NR 220	Natural Resource Ecology and Measurements	X			5
Total Credits					7
Junior					
Semester 6		Critical	Recommended	AUCC	Credits
F 311	Forest Ecology	X			3
F 321	Forest Biometry				3
NR 320	Natural Resources History and Policy	X			3
RS 351	Wildland Ecosystems in a Changing World			4A,4B	3
Select one course from the following:					4
NR 319	Geospatial Applications in Natural Resources				
NR 322	Intro. to Geographic Information Systems				
F 312 must be completed by the end of Semester 6.					X
Total Credits					16
Semester 7		Critical	Recommended	AUCC	Credits
F 322	Economics of the Forest Environment	X			3
F 325	Silviculture	X			3
GR 204/WR 204	Sustainable Watersheds (GT-SC2)			3A	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	
Total Credits					12
Semester 8		Critical	Recommended	AUCC	Credits
RS 329	Rangeland Assessment	X			1
Total Credits					1
Senior					
Semester 9		Critical	Recommended	AUCC	Credits
F 326	Wildland Fire Behavior and Management	X			3
RS 432	Rangeland Measurements and Monitoring	X			2
Select one course from the following:					3
ANEQ 472	Sheep Systems		X		
ANEQ 478	Beef Systems				
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				
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				
Total Credits					12-16
Semester 10		Critical	Recommended	AUCC	Credits
NR 420	Integrated Ecosystem Management	X		4C	4
RS 452	Rangeland Herbivore Ecology and Management	X		4B	3
RS 478	Ecological Restoration	X			3
Electives		X			1-5

The benchmark courses for the 10th semester are the remaining courses in the entire program of study. X

Total Credits	11-15
Program Total Credits:	120