

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

Major Completion Map

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
NR 193	FRS First Semester Seminar				1
Select 3 credits from the following:		X			3
MATH 117	College Algebra in Context I (GT-MA1)			1B	
MATH 118	College Algebra in Context II (GT-MA1)			1B	
MATH 125	Numerical Trigonometry (GT-MA1)			1B	
MATH 141	Calculus in Management Sciences (GT-MA1)			1B	
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)				3B	3
Total Credits					12

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
Diversity, Equity, and Inclusion (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion)				1C	3
AUCC 1B (Quantitative Reasoning) must be completed by the end of Semester 2.					
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
RS 300	Rangeland Conservation and Stewardship	X			3
SOCR 240	Introductory Soil Science	X			4

Semester 4		Critical	Recommended	AUCC	Credits
Select one course from the following:					3
AREC 202	Agricultural and Resource Economics (GT-SS1)	X		3C	
ECON 202	Principles of Microeconomics (GT-SS1)			3C	
Select one course from the following:					3
FW 104	Wildlife Ecology and Conservation (GT-SC2)			3A	
NR 300	Biological Diversity				
Select one course from the following:					3
NRRT 262	Principles of Environmental Communication				

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SPCM 200	Public Speaking				
Select one course from the following:		X			3
STAT 301	Introduction to Applied Statistical Methods				
STAT 307	Introduction to Biostatistics				
Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)				3D	3
Take NRRT 262 if planning to take NRRT 360 or NRRT 362.					
Total Credits					15
Semester 5		Critical	Recommended	AUCC	Credits
NR 220	Natural Resource Ecology and Measurements	X			5
Total Credits					5
<i>Junior</i>					
Semester 6		Critical	Recommended	AUCC	Credits
BSPM 308	Ecology and Management of Weeds				3
F 310/RS 310	Forest and Rangeland Ecogeography	X			3
RS 312	Rangeland Plant Identification Lab	X			1
RS 351	Wildland Ecosystems in a Changing World			4A,4B	3
RS 432	Rangeland Measurements and Monitoring				2
Select one course from the following:					4
NR 319	Geospatial Applications in Natural Resources				
NR 322	Intro. to Geographic Information Systems				
Total Credits					16
Semester 7		Critical	Recommended	AUCC	Credits
BZ 440	Plant Physiology				3
F 311	Forest Ecology				3
GR 204/WR 204	Sustainable Watersheds (GT-SC2)			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	
CO 301B	Writing in the Disciplines: Sciences (GT-CO3)			2	
JTC 300	Strategic Writing and Communication (GT-CO3)			2	
Total Credits					15
Semester 8		Critical	Recommended	AUCC	Credits
RS 329	Rangeland Assessment	X			1
Total Credits					1
<i>Senior</i>					
Semester 9		Critical	Recommended	AUCC	Credits
F 326	Wildland Fire Behavior and Management	X			3
Select one course from the following:					3
ANEQ 472	Sheep Systems				
ANEQ 478	Beef Systems				
Select one course from the following:					3-4
BZ 450	Plant Ecology				
BZ 471	Stream Biology and Ecology				
ESS 353	Global Change Impacts, Adaptation, Mitigation				
LAND 444	Ecology of Landscapes				
SOCR 440	Pedology				
SOCR 442	Forest and Range Soils				
Select one course from the following:		X			3
NR 400	Public Communication in Natural Resources				
NRRT 362	Environmental Conflict Management				

Elective					3-4
	Total Credits				15-17
Semester 10		Critical	Recommended	AUCC	Credits
AREC 305	Agricultural and Resource Enterprise Analysis	X			3
NR 420	Integrated Ecosystem Management	X		4C	4
RS 452	Rangeland Herbivore Ecology and Management	X		4B	3
RS 478	Ecological Restoration	X			3
The benchmark courses for the 10th semester are the remaining courses in the entire program of study.		X			
	Total Credits				13
	Program Total Credits:				120