

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

Requirements Effective Fall 2024

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
NR 193	FRS First Semester Seminar		1
Select 3 credits from the following:			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	6
Diversity, Equity, and Inclusion (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion)		1C	3
Total Credits			26

Sophomore

BZ 223	Plant Identification		3
F 209	Introduction to Forest and Rangeland Ecology		3
RS 300	Rangeland Conservation and Stewardship		3
SOCR 240	Introductory Soil Science		4
Select one course from the following:			3
AREC 202	Agricultural and Resource Economics (GT-SS1)	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 ¹	Principles of Environmental Communication		
SPCM 200	Public Speaking		
Select one course from the following:			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
Total Credits			28

Summer			
NR 220	Natural Resource Ecology and Measurements		5
		Total Credits	5
Junior			
BSPM 308	Ecology and Management of Weeds		3
BZ 440	Plant Physiology		3
F 311	Forest Ecology		3
GR 204/WR 204	Sustainable Watersheds (GT-SC2)	3A	3
NR 319	Introduction to Geospatial Science		4
NR 320	Natural Resources History and Policy		3
RS 313/F 313	Dendrology and Herbaceous Plant ID		3
RS 351	Wildland Ecosystems in a Changing World	4A,4B	3
RS 432	Rangeland Measurements and Monitoring		2
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	30
Summer			
RS 329	Rangeland Assessment		1
		Total Credits	1
Senior			
AREC 305 ²	Agricultural and Resource Enterprise Analysis		3
F 326	Wildland Fire Behavior and Management		3
NR 420	Integrated Ecosystem Management	4C	4
RS 452	Rangeland Herbivore Ecology and Management	4B	3
RS 478	Ecological Restoration		3
Select one course from the following:			3
AN EQ 472	Sheep Systems		
AN EQ 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:			3
NR 321	Natural Resource Rights and Reconciliation		
NR 400	Public Communication in Natural Resources		
NRRT 362	Environmental Conflict Management		
Elective ³			4-5
		Total Credits	29-31
		Program Total Credits:	120

¹ Students planning to take NRRT 362 in the senior year should choose NRRT 262 in the sophomore year.

² Students will need an appropriate override from the department of Agricultural and Resource Economics to take this course.

³ 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).