



B.S. Forest and Rangeland Stewardship

Rangeland Conservation and Management Concentration

Wide Open Spaces

Degree Checklist

Accredited by the
Society for Range
Management

*Implement management
strategies for multiple
land uses on rangelands
- the world's largest land
cover type.*



FOREST AND RANGELAND
STEWARDSHIP
COLORADO STATE UNIVERSITY

A part of Warner College of Natural Resources

Major in Forest and Rangeland Stewardship

Rangeland Conservation and Management Concentration

FRESHMAN YEAR

					AUCC	
Course		Semester	Prerequisites	Credits	Category	
— F 101	Intro to Forest and Rangeland Stewardship	F	---	1	---	
— NR 193	First Semester Seminar	F, S	Required for all first semester CSU students in FRS	1	---	
— BZ 120	Principles of Plant Biology	F, S	---	4	3A	
— CHEM 107	Fundamentals of Chemistry	F, S, SS	MATH 117 or higher or test	4	3A	
— CHEM 108	Fundamentals of Chemistry Lab	F, S, SS	CHEM 107 or concurrent enrollment	1	3A	
— CO 150	College Composition	F, S, SS	Test or scores or CO 130	3	1A	
—	Arts & Humanities			3+3	3B	
—	Diversity, Equity, and Inclusion			3	1C	
—	Historical Perspectives			3	3D	
Choose 3 credits from the following:						
— MATH 141	Calculus in Management Sciences	F, S, SS	MATH 118 or test	3	1B	
— MATH 117	College Algebra in Context I	F, S, SS	Math Placement Tool or Entry Level Math Tutorials	1	1B	
— MATH 118	College Algebra in Context II	F, S, SS	MATH 117 or Math Placement Tool	1	1B	
— MATH 125	Numerical Trigonometry	F, S, SS	MATH 118 or Math Placement Tool	1	1B	

SOPHOMORE YEAR

— FW 104	Wildlife Ecology and Conservation	F, S	---	3	---	
— -or- NR 300	Biological Diversity	S	NR 120 or one biology course			
— RS 300	Rangeland Conservation and Stewardship	F	BZ 120 or LIFE 102	3	---	
— AREC 202	Agricultural and Resource Economics	F, S	Concurrent enrollment in MATH117 or higher	3	3C	
— -or- ECON 202	Principles of Microeconomics	F, S, SS	MATH 117 or higher			
— BZ 223	Plant Identification	F, SS	BZ 120 or LIFE 103	3	---	
— F 209	Introduction to Forest and Rangeland Ecology	F	Three credits of BZ or LIFE and MATH 118 or higher	3	---	
— SOCR 240	Introductory Soil Science	F, S	CHEM 107 or higher	4	---	
— STAT 301	Introduction to Statistical Methods	F, S, SS	MATH 117 or higher	3	---	
— -or- STAT 307	Introduction to Biostatistics	F, S, SS	MATH 117 or higher			
— SPCM 200	Public Speaking	F, S, SS	---	3	---	
— -or- NRRT 262	Principles of Environmental Communication	S	---			

SUMMER SESSION [CSU Mountain Campus]

— NR 220	Natural Resource Ecology and Measurements	SS	BZ 110 and BZ 111 or BZ 120 or LIFE 103 MATH 118 or higher	5	---	
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JUNIOR YEAR

— BZ 440	Plant Physiology	S	BZ 120 or LIFE 103	3	---	
— CO 300	Writing Arguments	F, S, SS	CO 150 or HONR 193			
— -or- CO 301B	Writing in Science Disciplines	F, S	CO 150 or HONR 193	3	2	
— -or- JTC 300	Professional and Technical Communications	F, S, SS	CO 150 or HONR 193			
— BSPM 308	Ecology and Management of Weeds	F	BZ 120 or LIFE 102; CHEM 107 or CHEM 111	3	---	
— NR 320	Natural Resources History and Policy	F, S	Junior Standing	3	---	
— RS 312	Rangeland Plant ID	F	BZ 120 or intro biology course	1	---	
— NR 319	Introduction to Geospatial Science	F, S	---	4	---	
— RS 432	Rangeland Measurement and Monitoring	F	NR 220; RS 300; STAT 201, 301 or 307	2	---	
— RS 351	Wildland Ecosystems in a Changing World	F	F 209 or LIFE 220/320 and SOCR 240	3	4A, 4B	
— WR 204	Sustainable Watersheds	F, S	---	3	3A	
— F311	Forest Ecology	F, S	F 209 or LIFE 220/320	3	---	

F = Fall S = Spring SS = Summer Session

Degree Requirements: 120 credits (42 credits at 300-400 level); 2.0 GPA
 Students are responsible for knowing and meeting requirements in the University catalog (AUCC courses). *Verify all information on this form regularly as course information can change frequently.

SUMMER SESSION

AUCC

Course	Semester	Prerequisites	Credits	Category
— RS 329 Rangeland Assessment (one week course)	SS	SOCR 240 and RS 300	1	---

SENIOR YEAR

— AREC 305 ¹	Agric. and Resource Enterprise Analysis	F, S	AGRI 140 or BUS 150 or CIS 120 or CS 110; AREC 202 or ECON 202	3	---
— ANEQ 472	Sheep Systems	S	Senior Standing	3	---
— -or- ANEQ 478	Beef Systems	F	Senior Standing	3	---
— RS452	Rangeland Herbivory Ecology and Mgmt.	S	RS 300; F 209 or LIFE 220/320	3	4B
— NR 420	Integrated Ecosystem Management	F, S	F 209 or LIFE 220/320; NR 220, 319, 320; Senior Standing	4	4C
— RS 478	Ecological Restoration	S	BZ 450 or F 209 or LIFE 220/320 and SOCR 240	3	---
— F326	Wildland Fire Behavior and Management	F	F 209 or LIFE 220/320	3	---
—	Electives ²			3	---

Choose one course from the following list:

— ESS 353	Global Change Ecology, Impacts and Mitigation	S	F 209 or LIFE 220/320	3	---
— BZ 450	Plant Ecology	S	LIFE 103 or BZ 120	4	---
— BZ 471	Stream Biology and Ecology	F (odd)	F 209 or LIFE 220/320	3	---
— LAND 444	Ecology of Landscapes	S	F 209 or LIFE 220/320	3	---
— SOCR 440	Pedology	F	---	4	---
— SOCR 442	Forest and Range Soils	S	---	3	---

Choose one course from the following list:

— NR 400	Public Relations in Natural Resources	F, S	CO 300, CO 301B, or JTC 300	3	---
— NRRT 362 ³	Environmental Conflict Management	F	NRRT 262	3	---



¹ Students will need an override from the Department of Agricultural and Resource Economics to take this course.

² Select elective credits to bring the program total to 120+ credits. (42+ must be upper-division [300- to 400-level])

³ Students planning to take NRRT 362 as a senior should take NRRT 262 as a sophomore instead of SPCM 200

