



# B.S. Forest and Rangeland Stewardship

## Rangeland and Forest Management Concentration

*The Big Picture*

### Degree Checklist

Accredited by the  
Society For Range  
Management

*Gain the versatility to  
manage and administer  
rangeland and forest  
resources for a variety  
of land management  
objectives.*



FOREST AND RANGELAND  
STEWARDSHIP  
COLORADO STATE UNIVERSITY

A part of Warner College of Natural Resources

# Major in Forest and Rangeland Stewardship

## Rangeland and Forest Management Concentration

### FRESHMAN YEAR

AUCC

Category

Course	Semester	Prerequisites	Credits	
___ 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
___ MATH 141 Calculus in Mgmt. Sciences	F, S, SS	MATH 118 or test	3	1B
___ Arts & Humanities			3+3	3B
___ Diversity, Equity, and Inclusion			3	1C
___ Historical Perspectives			3	3D

### SOPHOMORE YEAR

___ F 209 Intro to Forest and Rangeland Ecology	F	Three credits of BZ or LIFE and MATH 118 or higher	3	---
___ BZ 223 Plant Identification	F, SS	BZ 120 or LIFE 103	3	---
___ F 312 Dendrology Lab	F, S	BZ 120 or intro biology course	2	---
___ RS 312 Rangeland Plant ID Lab	F	BZ 120 or intro biology course	1	---
___ RS 300 Rangeland Conservation & Stewardship	F	BZ 120 or LIFE 102	3	---
___ AREC 202 Agricultural and Resource Economics	F, S	MATH 117 or concurrent enrollment	3	---
___ -or- ECON 202 Principles of Microeconomics	F, S, SS	MATH 117 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	---
___ SPCM 200 Public Speaking	F, S, SS	---	3	---

### SUMMER SESSION [CSU Mountain Campus]

___ NR 220 Natural Resource Ecology and Measurements	SS	BZ 110 and BZ 111 or BZ 120 or LIFE 103	5	---
___ F 230 Forestry Field Measurements	SS	MATH 118 or higher	2	---

### JUNIOR YEAR

___ NR 320 Natural Resources History and Policy	F, S	Junior Standing	3	---
___ CO 300 Writing Arguments	F, S, SS	CO 150 or HONR 193		
___ -or- CO 301B Writing for the Disciplines - Science	F, S	CO 150 or HONR 193	3	2
___ -or- JTC 300 Professional and Technical Communication	F, S, SS	CO 150 or HONR 193		
___ F 311 Forest Ecology	F, S	F 209 or LIFE 220/320	3	---
___ F 321 Forest and Natural Resource Biometry	F	MATH 117+ (3+ cr); & NR 220; & STAT 201 or 301	3	---
___ F 322 Economics of the Forested Environment	F, S	ECON 202 or equivalent	3	---
___ F 325 Silviculture <sup>1</sup>	S	NR 220	3	---
___ RS 351 Wildland Ecosystems in a Changing World	F	F 209 or LIFE 220/320 and SOCR 240	3	4A, 4B
___ NR 319 Introduction to Geospatial Science	F, S	---	4	---
___ WR 204 Sustainable Watersheds	F, S	---	3	3A

### SUMMER SESSION

___ RS 329 Rangeland Assessment (one week course)	SS	SOCR 240 and RS 300	1	---
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F = Fall S = Spring SS = Summer Session

<sup>1</sup> Students should also take F335 if interested in taking F421

NOTE: MATH 117, 118 and 124 are considered review courses, but are enforced prerequisites for some courses.

**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.

# SENIOR YEAR

AUCC

Course			Semester	Prerequisites	Credits	Category
—	ANEQ 472 -or- ANEQ 478	Sheep Systems Beef Systems	S F	Senior Standing Senior Standing	3	---
—	NR 420	Integrated Ecosystem Management	F, S	F 209 or LIFE 220/320; NR 220, 319, 320; and Senior Standing	4	4C
—	RS 432	Rangeland Measurement and Monitoring	F	NR 220; RS 300 or concurrent; STAT 201, 301 or 307	2	---
—	RS 452	Rangeland Herbivore Ecology and Mgmt.	S	RS 300; F 209 or LIFE 220/320	3	4B
—	RS 478	Ecological Restoration	S	BZ 450 or F 209 or LIFE 220/320; SOCR 240	3	---
—	F 326	Wildland Fire Behavior and Management	F	F 209 or LIFE 220/320	3	---
—		Electives <sup>2</sup>			3	---
Select one of the following:						
—	BZ 440	Plant Physiology	S	BZ 120 or LIFE 103	3	---
—	F 324	Fire Effects and Adaptations	S	F 209 or LIFE 220/320	3	---
—	SOCR 442	Forest and Range Soils	S	---	3	---
—	SOCR 440	Pedology	F	---	4	---
Select one of the following:						
—	BSPM 308	Ecology and Management of Weeds	F	BZ 120 or LIFE 102; CHEM 107 or 111	3	---
—	BSPM 365	Integrated Tree Health Management	F	BZ 120 or LIFE 102	4	---
—	F 335	Applications of Silviculture	S	F 325 or concurrent enrollment	1	---
—	F 330	Timber Harvesting and Environment	S	F 321	1	---
—	F 421	Ecological Forest Management	F	F 311, 321, 325, and 335	3	---
—	F 422	Quantitative Methods in Forest Mgmt.	F	F321 and F322	3	---

<sup>2</sup> Select enough elective credits to bring the program to a minimum of 120 credits as needed, of which 42 credits must be (300+ to 400+ level)



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