

## **B.S. Forest and Rangeland Stewardship**

**Rangeland and Forest Management Concentration** 

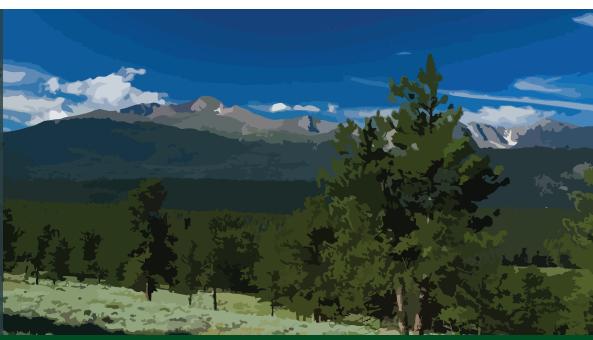
The Big Picture

## 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.





## Major in Forest and Rangeland Stewardship Rangeland and Forest Management Concentration

FRESHMA	N YEAR					AUCC
Course		Semester	ſ	Prerequisites	Cre	Categor dits
NR 193 BZ 120 CHEM 107 CHEM 108 CO 150 MATH 141	Intro. to Forest and Rangeland Stewardship First Semester Seminar Principles of Plant Biology Fundamentals of Chemistry Fundamentals of Chemistry Lab College Composition Calculus in Mgmt. Sciences Arts & Humanities Diversity, Equity, and Inclusion Historical Perspectives	F F, S F, S, SS F, S, SS F, S, SS F, S, SS	 MATH CHEM test or	ed for all first semester CSU students in FRS  117 or higher or test 107 or concurrent enrollment scores or CO 130 118 or test	1 1 2 2 1 3 3 3 3	3A 3A 3A 3A 3B 1B 3B+3 3B
SOPHOMO	IRE YEAR					
F 209 BZ 223 F 312 RS 312 RS 300 AREC 202 -or- ECON 20 SOCR 240 STAT 301 SPCM 200	Intro to Forest and Rangeland Ecology Plant Identification Dendrology Lab Rangeland Plant ID Lab Rangeland Conservation & Stewardship Agricultural and Resource Economics Principles of Microeconomics Introductory Soil Science Introduction to Statistical Methods Public Speaking	F, SS F, S F, S, SS F, S, SS F, S, SS	BZ 120 BZ 120 BZ 120 BZ 120 MATH MATH CHEM	or LIFE 103 or intro biology course or LIFE 102 intro concurrent enrollment into higher into rhigher into rhigher into rhigher into rhigher		3 3 3 3 3 3 3 3 3
SUMMER S	SESSION (CSU Mountain Campus	s]				
 NR 220 Na	itural Resource Ecology and easurements restry Field Measurements	SS I		d BZ 111 or BZ 120 or LIFE 103 8 or higher		5   2
JUNIOR YE	EAR					
NR 320 CO 300 -or- CO 301B -or- JTC 300 F 311	Natural Resources History and Policy Writing Arguments Writing for the Disciplines - Science Professional and Technical Communicat Forest Ecology	ion	F, S F, S, SS F, S F, S, SS F, S	Junior Standing CO 150 or HONR 193 CO 150 or HONR 193 CO 150 or HONR 193 F 209 or LIFE 220/320	3 3	2
 Forest Ecology F 321 Forest and Natural Resource Biometry F 322 Economics of the Forested Environment F 325 Silviculture 1 RS 351 Wildland Ecosystems in a Changing Wor NR 319 Introduction to Geospatial Science WR 204 Sustainable Watersheds		rld	F, S S F F, S	MATH 117+ (3+ cr); & NR 220; & STAT 201 or 301 ECON 202 or equivalent NR 220 F 209 or LIFE 220/320 and SOCR 240		   4A, 4B

SS

RS 329

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

Rangeland Assessment (one week course)

SOCR 240 and RS 300

F = Fall S = Spring SS = Summer Session

 $<sup>^{</sup>m 1}$  Students should also take F335 if interested in taking F421

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

<sup>&</sup>lt;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)



SENIOR YEAR