



# B.S. Natural Resources Management

*Scientific Creativity*

## Degree Checklist

*Discover interconnecting values between our natural and social worlds and help design ecologically sustainable solutions across natural resource fields.*



FOREST AND RANGELAND  
STEWARDSHIP  
COLORADO STATE UNIVERSITY

A part of Warner College of Natural Resources

# Major in Natural Resources Management

## FRESHMAN YEAR

Course	Semester	Prerequisites	Credits	AUCC 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 110	Principles of Animal Biology	F, S, SS	---	3	3A
— 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
— MATH 117	College Algebra in Context I <sup>1</sup>	F, S, SS	Math Placement Tool or Entry Level Math Tutorials	1	1B
— MATH 118	College Algebra in Context II <sup>1</sup>	F, S, SS	MATH 117 or Placement Exam	1	1B
— MATH 125	Numerical Trigonometry	F, S, SS	MATH 118 or Placement Exam	1	1B
— 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

## SOPHOMORE YEAR

— F 209	Intro to Forest and Rangeland Ecology	F	Three credits of BZ or LIFE and MATH 118 or higher	3	---
— SPCM 200	Public Speaking	F, S, SS	---	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		
— F 312	Dendrology Lab	F	BZ 120 or intro biology course	2	---
— or RS 312	Rangeland Plant ID lab	F, S	BZ 120 or intro biology course	1	---
— SOCR 240	Introductory Soil Science	F, S	CHEM 107 or higher	4	---
— STAT 301	Introduction to Statistical Methods		MATH 117 or higher	3	---
—	Minor <sup>2</sup>			3	
Choose one course from the following list:					
— GEOL 120	Exploring Earth: Physical Geology	F, S, SS	---	3	3A
— GEOL 122	The Blue Planet: Geography of our Environment	F, S	---		
— GEOL 124	Geology of Natural Resources	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

— F 311	Forest Ecology	F, S	F 209 or LIFE 220/320	3	---
— or RS 351	Wildland Ecosystems in a Changing World	F	F 209 or LIFE 220/320 and SOCR 240		
— CO 300	Writing Arguments	F, S, SS	CO 150 or HNR 193	3	2
— or CO 301B	Writing in Science Disciplines	F, S	CO 150 or HNR 193		
— or JTC 300	Professional and Technical Communication	F, S, SS	CO 150 or HNR 193		
— F322	Economics of the Forest Environment	F, S	ECON 202 or equivalent	3	---
— NR 319	Introduction to Geospatial Science	F, S	---	4	---
— WR 204	Sustainable Watersheds	F, S	---	3	3A
— NR 320	Natural Resources History and Policy	F, S	Junior Standing	3	---
—	Historical Perspectives		---	3	3D
—	Minor <sup>2</sup>			6	---

(+) = or higher F = Fall S = Spring SS = Summer Session

<sup>1</sup> After completing the Math Placement Tool, a score of 2 in the MATH 117, 118 or 125 field qualifies for credit for that course. A score of 1 places the student out of the course with no credit. AUCC requires 3 credits of math in order to graduate.

<sup>2</sup> Students must complete the requirements for a minor in any discipline

# SENIOR YEAR

Course		Semester	Prerequisites	AUCC Credits Category		
—	RS 300	Rangeland Conservation and Stewardship	F	BZ 120 or LIFE 102	3	---
—	F 325	Silviculture	S	NR 220	3	---
—	NR 400	Public Relations in Natural Resources	F, S	CO 300 or CO 301B or JTC 300, junior standing	3	4A, 4B
—	NR 420	Integrated Ecosystem Management	F, S	F 209 or LIFE 220/320; NR 220, 319 and 320; Senior Standing	4	4C
—	F321	Forest and Natural Resource Biometry	F	MATH 117+(3+ cr) and NR 220; and STAT 201 or STAT 301	3	---
—	F 326	Wildland Fire Behavior and Management	F	F 209 or LIFE 220/320	3	---
—		Minor <sup>2</sup>			12	---

## 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.

Having at least 200 hours of acceptable professional work experience in the student's field prior to graduation is required. This can include summer/seasonal/school semester employment in natural resource management through paid summer jobs, an approved internship, volunteer positions, or work study experience. Acceptable work experience includes (but is not limited to) working for federal, state, non-governmental, private and university organizations that research or manage natural resources.

