

COLORADO STATE UNIVERSITY
 Department of Forest & Rangeland Stewardship
MAJOR IN NATURAL RESOURCE MANAGEMENT

*****NEW PROGRAM REQUIREMENTS*****

Effective for all new students beginning Fall 2015 or later. Students who have started prior to Fall 2015 have the option of completing their degree under the old OR the new requirements. See your advisor for further details.

DEGREE REQUIREMENTS:

- 120-121 credits; including 42 credits at 300-400 level; 2.0 GPA
- Students are also responsible for knowing and meeting requirements in the University catalog (AUCC Category courses) and verifying all information on this form as course information can change frequently

Name of Student: _____

Advisor: _____

FRESHMAN YEAR			Offered	Prerequisites	Credits	AUCC Category
_____	NR 193	First Semester Seminar	F, S	Required for all first semester (at CSU) students in Forest & Rangeland Stewardship	1	
_____	BZ 110	Principles of Animal Biology	F, S		3	3A
_____	BZ 120	Principles of Plant Biology	F, S		4	3A
_____	CHEM 107	Fundamentals of Chemistry	F, S	MATH 117 or higher or concurrent registration in MATH 118 or higher	4	3A
_____	CHEM 108	Fundamentals of Chemistry Lab	F, S	CHEM 107 (or concurrent)	1	3A
_____	MATH 117	College Algebra in Context I ¹	F, S	Placement Exam	1	
_____	MATH 118	College Algebra in Context II ¹	F, S	Math 117 or Placement Exam	1	
_____	MATH 125	Numerical Trigonometry ¹	F, S	MATH 118 or Placement Exam	1	1B
_____		Arts/Humanities			3 & 3	3B
_____	CO 150	College Composition	F, S	test or scores	3	1A
_____		Electives			2 to 3	

¹A math placement exam 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.

SOPHOMORE YEAR			Offered	Prerequisites	Credits	AUCC Category
_____		Global and Cultural Awareness			3	3E
_____	LIFE 220 -OR- LIFE 320	Fundamentals of Ecology Ecology ²	F F, S	3 credits of 100 level biology or HORT; 3 credits of 100 level math BZ 120 or similar, MATH 141 or 155 or 160	3	
_____	SPCM 200	Public Speaking	F, S		3	

	ECON 202	Principles of Microeconomics	F, S	MATH 117 or higher	3	3C
	F 310 AND F 312	Forest and Rangeland Ecogeography	F, S	BZ 120 or any intro. biology and concurrent enrollment in F 312	3	
	<u>OR</u>	Dendrology Lab	F, S	Concurrent enrollment in F 310	1	
	RS 310 AND RS 312	Forest and Rangeland Ecogeography	F, S	BZ 120 or any intro. biology and concurrent enrollment in RS 312	3	
		Rangeland Plant ID Lab	S	Concurrent enrollment in RS 310	1	
	GEOL 120 -OR- GEOL 124	Exploring Earth: Physical Geology	F, S		3	3A
		Geology of Natural Resources	S			
	GEOL 121	Intro Geology Lab	F, S	GEOL 120, GEOL 122, or GEOL 124 or concurrent registration	1	3A
	SOCR 240	Introductory Soil Science	F, S	CHEM 107 or similar	4	
	STAT 301	Intro to Statistical Methods	F, S	MATH 117 or higher	3	
		Minor ³			3	
SUMMER						
	NR 220	Natural Resources Ecology & Measurements	SS	(BZ 110 and BZ 111) or BZ 120 or LIFE 103; MATH 118 or one course from MATH 141 to 161, or one course from MATH 229 or higher.	5	

¹MATH 117 and MATH 118 are considered review courses, but are necessary prerequisites for MATH 125.

²Other majors/minor may require LIFE 320

³Students must complete the requirements for a minor in any discipline, or the interdisciplinary studies program in either conservation biology or environmental affairs.

JUNIOR YEAR		Offered	Prerequisites	Credits	AUCC Category	
	F 311 -OR- RS 351	Forest Ecology Wildland Ecosystems in a Changing World	F, S F	Ecology LIFE 220 or LIFE 320; SOCR 240	3	
	CO 300 -OR- JTC 300	Writing Arguments Prof & Tech Communication	F, S F, S,	CO 150 or HNR 193 CO 150 or HNR 193	3	2B
	F 322	Econ of Forest Environment ⁴	F, S	ECON 202 or similar	3	
	NR 319	Geospatial Applications in NR ⁵	F, S	junior standing	4	
	WR 304	Principles of Watershed Management	F, S	Completion of the AUCC 1B mathematics requirement	3	3A
	NR 320	Nat Resource History & Policy	F, S	junior standing	3	3D
		Minor ³			6	
		Electives			3	

⁴If double major in Natural Resource Economics, take AREC/ECON 340 instead of F322)

⁵SIM minors take NR 322 instead of NR 319

SENIOR YEAR			Offered	Prerequisites	Credits	AUCC Category
	RS 300	Rangeland Conservation & Stewardship	F	BZ 120 or LIFE 102	3	
	NR 326	Forest Vegetation Management ⁷	F	NR 220	3	
	NR 400	Public Relations in NR	F, S	NR 320	3	4A, 4B
	NR 420	Integrated Ecosystem Mgmt.	F, S	Senior standing; or LAND 220/LIFE 220 or LIFE 320; NR 220; NR 319; NR 320.	4	4C
	NR 421	Natural Resource Sampling	S	NR 220; STAT 201 or STAT 301	3	
	F 424	Wildland Fire Behavior & Mgmt.	F	LAND 220/LIFE 220 or LIFE 320	3	
		Minor ²			12	
		Electives			3	

⁷ Forestry minors take F 325 instead of NR 326

At least 200 hours of acceptable professional work experience in the student's field prior to graduation is highly recommended. 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, or are responsible for public policy or public relations related to natural resources.