

**COLORADO STATE UNIVERSITY**

Forest & Rangeland Stewardship / Ag and Resource Economics

DUAL MAJORS in Natural Resource Management/ Environmental & Natural Resource Economics

DEGREE REQUIREMENTS: **137** 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:**

Courses Completed	<b>FRESHMAN YEAR</b>	Offered	Prerequisites	Credits	AUCC Categ.	
_____	AGRI 192	Orientation to Agricultural Systems	F		1	
_____	CHEM 107/108	Fundamentals of Chemistry + Lab	F, S	MATH 117 or higher or concurrent registration in MATH 118 or higher	4 +1	3A
_____	GEOL 120/121 or 124/121	Physical Geology + Lab or Geology of Natural Resources + Lab	F, S (124 S only)		3 + 1	
_____	CO 150	College Composition	F, S	test or scores	3	1A
_____	MATH 141*	Calculus in Management Sciences	F, S	MATH 118 or test	3	1B
_____		Arts & Humanities I			3	3B
_____		Arts & Humanities II			3	3B
_____	AREC 202	Agricultural and Resource Economics	F, S	MATH 117 or concurrent registration	3	3C
_____	ECON 202	Principles of Microeconomics	F,S	MATH 117 or 118		
_____	BZ 110	Principles of Animal Biology	F, S		3	3A
_____	BZ 120	Principles of Plant Biology	F, S		4	

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

Courses Completed	<b>SOPHOMORE YEAR</b>		Offered	Prerequisites	Credits	AUCC Categ.
_____	ECON 204	Principles of Macroeconomics	F, S	MATH 117 or higher, AREC/ECON 202	3	
_____	ACT 205	Fundamentals Of Accounting	F, S	Sophomore Standing	3	
_____	AREC 240 -OR- ECON 240	Issues in Environmental Economics	F, S		3	
_____		Environmental Economics	F,S,			
_____	F 310 -OR- RS 310	Forest and Rangeland Ecogeography	F, S	BZ 101 or BZ 104 or BZ 110 or BZ 120 or LIFE 102	3	
_____	AREC 340	Economics of Natural Resources	S	AREC/ECON 202	3	
_____	F 312 -OR- RS 312	Dendrology Lab	F,S	Concurrent enrollment in F 310	1	
_____		Rangeland Plant ID Lab	F	Concurrent enrollment in RS 310		
_____	LIFE 220 -OR- LIFE 320	Fundamentals of Ecology	F	3 credits of 100 level biology or HORT; 3 credits of 100 level math	3	
_____		Ecology	F, S	BZ 120 or similar, MATH 141 or 155 or 160		
_____	SOCR 240	Intro to Soil Science	F, S	CHEM 107 or similar	4	
_____	STAT 301 -OR- STAT 307	Intro to Statistical Methods	F, S	MATH 117	3	2A
_____		Introduction to Biostatistics	F, S	MATH 117		
_____	SPCM 200	Public Speaking	F, S		3	
_____	AREC 342	Water Law, Policy, and Institutions	S		3	
<b>PINGREE PARK SUMMER FIELD PROGRAM:</b>						
_____	NR 220	Natural Resources Ecology & Measurements	SS	BZ 120 or similar, MATH 118	5	

Courses Completed	<b>JUNIOR YEAR</b>		Offered	Prerequisites	Credits	AUCC Categ.
_____	CO 300 -OR- JTC 300	Writing Arguments Prof & Tech Communication	F, S F, S	CO 150 or HONR 193 CO 150 or HONR 193	3	2
_____	AREC 341	Environmental Economics	F	AREC/ECON 202, AREC 240	3	
_____	AREC 346	Economics of Outdoor Recreation	F	AREC/ECON 202	3	
_____	F 322	Economics of the Forest Env.	F, S	ECON 202 or similar	3	
_____	NR 319 <sup>1</sup>	Geospatial Applications in NR	F, S	Junior Standing	4	
_____	NR 320	Nat Resource History & Policy	F, S	Junior Standing	3	3D
_____	AREC 305 -OR- FIN 305	Enterprise Analysis Fundamentals of Finance	F F, S	AREC/ECON 202, CS 110 or BUS 150 ACT 205 or 210, ECON 204, Jr Standing	3	
_____	AREC 335	Introduction to Econometrics	F, S	ECON 204, MATH 141, STAT 301 or similar	3	
_____	ECON 306	Intermediate Microeconomics	F, S	ECON 204, MATH 141	3	
_____	POLS 361	US Environmental Politics and Policy	F, S	POLS 101	3	
_____		Directed NRM Electives <sup>2</sup>			6	
<sup>1</sup> SIM minors take NR 322 instead of NR 319			<sup>2</sup> See NRM Directed Electives List			
		<b>Professional Work Experience</b>	For more information see the Professional Work Experience form at: <a href="http://warnercnr.colostate.edu/frs-undergraduate-study/student-resources">http://warnercnr.colostate.edu/frs-undergraduate-study/student-resources</a>		<b>200 hours</b>	

Courses Completed	<b>SENIOR YEAR</b>	Offered	Prerequisites	Credits	AUCC Categ.	
_____	NR 326 <sup>3</sup>	Forest Vegetation Management	F	NR 220	3	
_____		Global & Cultural Awareness			3	3E
_____	ECON 304	Intermediate Macroeconomics	F,S	ECON 204, MATH 141 or similar	3	
_____	AREC 440	Advanced Environmental and Resource Economics	S	AREC 340,341	3	
_____	AREC 460	Economics of World Agriculture	S	AREC/ECON 202	3	4B
_____	NR 400	Public Relations in Natural Resources	F, S	NR 320	3	4A, 4B
_____	NR 421	Natural Resources Sampling	S	NR 220; STAT 201 or similar	3	
_____	NR 420	Integrated Ecosystem Mgmt	F, S	Ecology, NR 220, NR 320, senior standing	4	4C
_____	AREC 478	Agricultural Policy	F, S	AREC/ECON202	3	4A, 4B, 4C
_____	WR 304	Sustainable Watersheds	F, S	Completion of AUCC 1B Math Requirement	3	

**Directed NRM Electives: Choose a minimum of 6 Credits**

Credits

_____	NR 300	Biological Diversity	S	NR 120A or NR 120B or one course in biology	3
_____	HIST 355	American Environmental History	S	HIST 101 or HIST 150 or HIST 171	3
_____	PHIL 345	Environmental Ethics	F,S	Sophomore Standing	3
_____	POLS 362	Global Environmental Politics	F, S	POLS 232 or POLS 241	3
_____	SOC 320	Population-Natural Resources and Environment	F	SOC 100 or SOC 105	3
_____	NR 422	GIS Applications in NR Mgmt.	S	NR 322	4
_____	NR 423	Apps. of GIS and Remote Sensing	F, S	NR 322 or NR 505	1

	RS 478	Restoration Ecology	S	BZ 450 or FRS 311 or LIFE 220; SOCR 240	3
	BSPM 365	Integrated Tree Health Mg	F	BZ 120 or similar	4
	FW 260	Principles of Wildlife Management	F, S	MATH 124; BZ 110 or LIFE 103	3

<sup>3</sup>Forestry minors take F 325 instead of NR 326

\*Additional coursework may be required because of prerequisites