

# MAJOR IN ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS

## Requirements Effective Fall 2023

### Freshman

		AUCC	Credits
AREC 192	Orientation to Agricultural and Resource Econ		1
AREC 202	Agricultural and Resource Economics (GT-SS1)	3C	3
CO 150	College Composition (GT-CO2)	1A	3
ECON 204	Principles of Macroeconomics (GT-SS1)	3C	3
MATH 117	College Algebra in Context I (GT-MA1)	1B	1
MATH 118	College Algebra in Context II (GT-MA1)	1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
Select four credits from the following:			4
BZ 110	Principles of Animal Biology (GT-SC2)	3A	
& BZ 111			
BZ 120	Principles of Plant Biology (GT-SC1)	3A	
LIFE 102	Attributes of Living Systems (GT-SC1)	3A	
Select one course from the following: <sup>1</sup>			3-4
AREC 230	Agricultural Data Management and Analysis		
BUS 150	Business Computing Concepts and Applications		
CS 110	Personal Computing		
Biological and Physical Sciences ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences</a> )		3A	3
Diversity, Equity, and Inclusion ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion</a> )		1C	3
Natural Resource or Agriculture Elective <sup>2</sup>			3
<b>Total Credits</b>			<b>29-30</b>

### Sophomore

ACT 205	Fundamentals of Accounting		3
MATH 141	Calculus in Management Sciences (GT-MA1)	1B	3
SPCM 200	Public Speaking		3
Advanced Writing ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing</a> )		2	3
Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )		3B	6
Historical Perspectives ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> )		3D	3
Natural Resource or Agriculture Elective <sup>2</sup>			3
Electives			6
<b>Total Credits</b>			<b>30</b>

### Junior

AREC 335/ECON 335	Introduction to Econometrics		3
AREC 340/ECON 340	Introduction-Economics of Natural Resources		3
ECON 306	Intermediate Microeconomics		3

STAT 301	Introduction to Applied Statistical Methods		3
Select one course from the following:			3
AREC 305	Agricultural and Resource Enterprise Analysis		
FIN 305	Fundamentals of Finance		
Select nine credits from the following ENRE Applications courses:			9
AREC 342	Water Law, Policy, and Institutions		
AREC 346/ECON 346	Economics of Outdoor Recreation		
AREC 444/ECON 444	Economics of Energy Resources		
AREC 460 <sup>3</sup>	Ag- and Resource-Based Economic Development	4B	
AREC 461A	Study Abroad–Italy: Economics of the Renaissance in Modern Italy		
AREC 461B	Study Abroad–Italy: Food and Resource Economics		
Natural Resource or Agriculture Electives <sup>2</sup>			6
<b>Total Credits</b>			<b>30</b>
<b>Senior</b>			
AREC 341	Environmental Economics		3
AREC 440	Advanced Environmental and Resource Economics	4A,4C	3
AREC 492	Senior Seminar in Ag and Resource Economics		1
ECON 304	Intermediate Macroeconomics		3
Select one course from the following:			3
AREC 375	Agricultural Law		
POLS 361	U.S. Environmental Politics and Policy		
Select nine credits from the following ENRE Skills courses:			9
AREC 330	Data-Driven Ag and Res Econ Decision Making		
AREC 405	Agricultural Production Management		
AREC 478 <sup>3</sup>	Agricultural Policy	4B	
AREC 572	Social Benefit Cost Analysis		
ECON 320	Economics of Public Finance		
ECON 442	Economics of International Finance and Policy		
NR 319	Introduction to Geospatial Science		
Natural Resource or Agriculture Elective <sup>2</sup>			3
Electives <sup>4</sup>			5-6
<b>Total Credits</b>			<b>30-31</b>
<b>Program Total Credits:</b>			<b>120</b>

<sup>1</sup> AREC 230 is recommended.

<sup>2</sup> Select from courses with AB, AGED, AGRI, ANEQ, BSPM, BZ, CBE, CHEM, CIVE, ECOL, ESS, FW, F, GEOL, GES, HORT, LAND, LIFE, NR, NRRT, RS, SOCR, or WR subject codes.

<sup>3</sup> At least one of AREC 460 or AREC 478 must be taken to fulfill AUCC 4B requirement.

<sup>4</sup> Select enough elective credits to bring program total to 120 credits with a minimum of 42 upper-division (300- to 400-level) credits.