

NATURAL RESOURCE ECONOMICS AND POLICY - BACHELOR OF SCIENCE IN AGRICULTURE

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 120 credits with 48 credits in courses numbered 300 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education		
<i>Area I: Communications</i>		
<i>English Composition - Level 1¹</i>		
ENGL 1110G	Composition I	4
<i>English Composition - Level 2¹</i>		
Select one from the following:		3
ENGL 2130G	Advanced Composition	
ENGL 2210G	Professional & Technical Communication	
ENGL 2210H	Professional and Technical Communication Honors	
ENGL 2215G	Advanced Technical and Professional Communication	
ENGL 2221G	Writing in the Humanities and Social Science	
<i>Oral Communication¹</i>		
Select one from the following:		3
ACOM 1130G	Effective Leadership and Communication in Agriculture	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
<i>Area II: Mathematics</i>		
MATH 1430G	Applications of Calculus I ²	3
<i>Area III/IV: Laboratory Science and Social/Behavioral Sciences</i>		
FWCE 1110G	Introduction to Natural Resources Management	4
ECON 2110G	Macroeconomic Principles	3
ECON 2120G	Principles of Microeconomics	3
<i>Area V: Humanities¹</i>		
<i>Area VI: Creative and Fine Arts¹</i>		
<i>General Education Elective</i>		
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory	4
Viewing A Wider World³		6
Departmental/College Requirements		
<i>Applied Economics Core</i>		
ACES 1120	Freshman Orientation	1
ACES 1210	Financial Fitness for College Students	1
AEEC/ECON 337V	Natural Resource Economics	3
AEEC/ECON 384V	Water Resource Economics	3

AEEC 385	Applied Production Economics	3
AEEC 400	Senior Seminar	1
AEEC 350	Spreadsheet Applications in Food and Agriculture	3
ECON 311	Intermediate Macroeconomic Theory	3
ECON 312	Intermediate Microeconomic Theory	3
<i>Science, Policy and Ethics</i>		
AEEC 445V	Agricultural Policy	3
Select one from the following:		3
AEEC 314	Agricultural and Natural Resource Law	
BLAW 316	Legal Environment of Business	
FWCE 447	Wildlife Law and Policy	
ECON 300+ Cocurse		3
FWCE 2110	Principles of Fish and Wildlife Management	3
FWCE 301	Wildlife Ecology	3
GEOG 2130	Map Use and Analysis	3
or FWCE 471	GIS for Natural Resource Scientists	
POLS 330	Introduction to Public Administration	3
RGSC 2110	Introduction to Rangeland Management	3
PHIL 300+ Course		3
<i>Quantitative Skills</i>		
A ST 311	Statistical Applications	3
or MATH 1350G	Introduction to Statistics	
MATH 1215	Intermediate Algebra	3
MATH 1220G	College Algebra	3
AEEC 2140	Technology and Communication for Business Management	3
Second Language: (not required)		
Electives, to bring the total credits to 120⁴		21
Total Credits		120

1

See the General Education (<http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses.

2

MATH 1430G Applications of Calculus I is required for the degree but students may first need to take any prerequisites needed before taking MATH 1430G. Students who place or transfer in a higher-level course are exempt from MATH 1430G.

3

See the Viewing a Wider World (<http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses.

4

Elective credit may vary based on prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credit and may appear in variable form base on the degree. However, students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their academic advisor.

A Suggested Plan of Study for Students

A roadmap for students coming into the Department of Agricultural Economics and Agricultural Business without deficiencies and without

advanced coursework, e.g., AP course credit or dual credits wishing to pursue the degree in Natural Economics and Policy (NREP).

This roadmap assumes student placement in MATH 1215 and ENGL 1110G. The contents and order of this roadmap may vary depending on initial student placement in mathematics and english. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year

Fall		Credits
ACES 1120	Freshman Orientation	1
ACES 1210	Financial Fitness for College Students	1
ENGL 1110G	Composition I	4
Area V: Humanities ¹		3
AEEC 2140	Technology and Communication for Business Management	3
MATH 1215	Intermediate Algebra	3
Credits		15

Spring

Choose one from the following		3
ENGL 2130G	Advanced Composition	
ENGL 2210G	Professional & Technical Communication	
ENGL 2210H	Professional and Technical Communication Honors	
ENGL 2215G	Advanced Technical and Professional Communication	
ENGL 2221G	Writing in the Humanities and Social Science	
ECON 2110G	Macroeconomic Principles	3
MATH 1220G	College Algebra	3
RGSC 2110	Introduction to Rangeland Management	3
Elective Course ²		3
Credits		15

Second Year

Fall		Credits
Choose one from the following ¹		3
COMM 1130G	Public Speaking	
COMM 1115G	Introduction to Communication	
ACOM 1130G	Effective Leadership and Communication in Agriculture	
HNRS 2175G	Introduction to Communication Honors	
MATH 1430G	Applications of Calculus I	3
ECON 2120G	Principles of Microeconomics	3
FWCE 1110G	Introduction to Natural Resources Management	4
Elective Course ²		3
Credits		16

Spring

AEEC 350	Spreadsheet Applications in Food and Agriculture	3
Choose one from the following:		3
MATH 1350G	Introduction to Statistics	
A ST 311	Statistical Applications	
ECON 312	Intermediate Microeconomic Theory	3
FWCE 2110	Principles of Fish and Wildlife Management	3
Elective Course ²		3
Credits		15

Third Year

Fall

Area VI: Creative or Fine Arts Course ¹		3
AEEC 337V or ECON 337V	Natural Resource Economics or Natural Resource Economics	3
ECON 311	Intermediate Macroeconomic Theory	3
AEEC 385	Applied Production Economics	3
GEOG 2130 or FWCE 471	Map Use and Analysis or GIS for Natural Resource Scientists	3
Credits		15

Spring

VWW - Viewing a Wider World Course ³		3
AEEC 384V or ECON 384V	Water Resource Economics or Water Resource Economics	3
ECON Course (300-level or above)		3
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory	4
Elective Course ²		3
Credits		16

Fourth Year

Fall

Viewing a Wider World (VWW) ³		3
AEEC 445V	Agricultural Policy	3
POLS 330	Introduction to Public Administration	3
Elective Course ²		3
Elective Course ²		3
Credits		15

Spring

AEEC 314 or BLAW 316 or FWCE 447	Agricultural and Natural Resource Law or Legal Environment of Business or Wildlife Law and Policy	3
AEEC 400	Senior Seminar	1
FWCE 301	Wildlife Ecology	3
PHIL Courses (300-level or above)		3
Elective Course ^{2,4}		3
Credits		13
Total Credits		120

1

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2

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4

The 4th year semester (Spring) shows 13 hours. Student's financial aid requirement may require them enroll in 15 hours.