



NATURAL RESOURCE ECONOMIC & POLICY MAJOR 2016-17 DEGREE PLAN

*College of
Agricultural,
Consumer and
Environmental
Sciences*

Student Name: _____
 Address: _____
 2nd Major (if any): _____
 Minor(s) (if any): _____
 Primary Advisor: _____

AGGIE ID: _____
 NMSU Email: _____
 (H) Phone: _____
 (C) Phone: _____

A total of 128 hours are needed to graduate; with 48+ at the 300+ level (eff. 5/07)

Department of Agricultural Economics & Agricultural Business

NM GENERAL EDUCATION COMMON CORE AREAS ¹	NOTE COURSE (if needed)	CR	GRADE	SEMESTER ENROLLED	COMPLETED?	APPROVED SUBSTITUTION/TR CR?
AREA I: COMMUNICATIONS						Total Hrs: 10
English Comp Level I (a grade of "C" or better is required in English Comp Level I: ENGL 111G, <i>Rhetoric and Composition</i> ; ENGL111H, <i>Rhetoric and Composition, Honors</i> ; SPCD 111G, <i>Advanced ESL Composition</i>)		4			<input type="checkbox"/>	
English Comp Level II -- Select 1 from: ENGL 203G, <i>Business & Professional Communication</i> ; ENGL 211G, <i>Writing in the Humanities & Social Sciences</i> ; ENGL 218G, <i>Technical & Scientific Communication</i> ; ENGL 311G, <i>Adv Composition</i> ; OR ENGL 318G, <i>Adv Tech and Professional Communication</i>		3			<input type="checkbox"/>	
Oral Communication -- Select 1 from: COMM 253G, <i>Public Speaking</i> ; COMM 265G, <i>Principles of Human Communication</i> ; AXED 201G, <i>Effective Leadership and Comm in Agricultural Org.</i> ; OR HON 265G, <i>Principles of Human Comm - Honors</i>		3			<input type="checkbox"/>	
AREA II: MATHEMATICS (3 crs)² - (A grade of "C" or better is required in Area II)						Total Hrs: 3
MATH 142G, <i>Calculus for The Biological and Mgmt Sciences</i> (prereq: C or better in MATH 121)		3			<input type="checkbox"/>	
AREA III: LABORATORY SCIENCE (8 crs) - (must include a LAB)						Total Hrs: 8
<i>Select TWO laboratory science courses from AREA III list</i>						
		4			<input type="checkbox"/>	
		4			<input type="checkbox"/>	
AREA IV: SOCIAL/BEHAVIORIAL SCIENCES (6-9 crs)³ - (A minimum of 15 combined credits from AREAS IV and V are required, with at least 9 credits in one of the two areas)						Total Hrs: 6-9
<i>Select TWO to THREE courses from AREA IV list</i>						
		6-9			<input type="checkbox"/>	
		6-9			<input type="checkbox"/>	
		6-9			<input type="checkbox"/>	
AREA V: HUMANITIES and FINE ARTS (6-9 crs)³ - (A minimum of 15 combined credits from AREAS IV and V are required, with at least 9 credits in one of the two areas)						Total Hrs: 6-9
<i>Select TWO to THREE courses from AREA V list</i>						
		6-9			<input type="checkbox"/>	
		6-9			<input type="checkbox"/>	
		6-9			<input type="checkbox"/>	
VIEWING A WIDER WORLD REQUIREMENT (6 crs) - Take 6 credits at the 300 or 400 level in G.E. courses <u>from TWO separate colleges</u>. One of the two courses must be in a college other than your own. The other course: 1) MUST be in a different department from your major department, 2) MUST NOT be crosslisted with a course in your home department, and 3) CANNOT be counted as one of the requirements for the student's major.						Total Hrs: 6
		3			<input type="checkbox"/>	
		3			<input type="checkbox"/>	

Approx Hrs: **-42 HRS**
Any item in this degree plan is subject to modification at any time.

DEPARTMENTAL REQUIREMENTS	NOTE COURSE (if needed)	CR	GRADE	SEMESTER ENROLLED	COMPLETED?	APPROVED SUBSTITUTION/TRCR?
APPLIED ECONOMICS CORE						Total Hrs: 24
ACES 111 ⁵ (fa), AND ACES 121 ⁵ (fa)		2			<input type="checkbox"/>	
ECON 251G, <i>Principles of Macroeconomics</i> ³ (prereq: MATH 120) - hrs are counted in Area IV					<input type="checkbox"/>	
ECON 252G, <i>Principles of Microeconomics</i> ³ - hrs are counted in Area IV					<input type="checkbox"/>	
ECON 350, <i>Current Economic Issues</i> (prereq: ECON 251G, 252G or consent of instructor)		3			<input type="checkbox"/>	
ECON 371, <i>Intermediate Microeconomic Theory</i> (prereq: ECON 252G or equivalent)		3			<input type="checkbox"/>	
ECON 372, <i>Intermediate Macroeconomic Theory</i> (prereq: ECON 251G or equivalent)		3			<input type="checkbox"/>	
AG E/ECON 337V (fa), <i>Natural Resource Economics</i> (prereq: ECON 201 or 252G)		3			<input type="checkbox"/>	
AG E/ECON 384V (sp), <i>Water Resource Economics</i> (prereq: AG E 100 or ECON 252G)		3			<input type="checkbox"/>	
AG E 385 (fa), <i>Applied Production Economics</i> (prereq: ECON 252G)		3			<input type="checkbox"/>	
AG E 400 ⁶ (fa/sp), <i>Seminar</i>		1			<input type="checkbox"/>	
AG E 450 (fa/sp), <i>Adv Microcomputer Application in Agriculture</i> (prereq: AG E 250 or instructor consent; Cannot receive credit for both AG E 450 and AEEC 550)		3			<input type="checkbox"/>	
SCIENCE, POLICY, and ETHICS CORE						Total Hrs 27
AG E 445V (fa), <i>Agricultural Policy</i> (prereqs: ECON 251G and 252G)		3			<input type="checkbox"/>	
FWCE 110, <i>Introduction to Natural Resources Management</i>		3			<input type="checkbox"/>	
FWCE 255, <i>Principles of Fish and Wildlife Management</i>		3			<input type="checkbox"/>	
FWCE 301, <i>Wildlife Ecology</i> (prereq(s): BIOL 111G or BIOL 190)		3			<input type="checkbox"/>	
FWCE 455, <i>Environmental Risks and Decisions</i> (prelco-req(s): MATH 142 or MATH 191G, AST 311, FWCE 301)		3			<input type="checkbox"/>	
GEOG 281, <i>Map Use and Analysis</i> OR FWCE 450 (GIS), <i>Special Topics</i>		3			<input type="checkbox"/>	
GOVT 330, <i>Introduction to Public Administration</i> (restricted to: Main campus only)		3			<input type="checkbox"/>	
PHIL 300+, <i>Any Philosophy class at 300+ level</i>		3			<input type="checkbox"/>	
RGSC 294, <i>Rangeland Resource Management</i>		3			<input type="checkbox"/>	
QUANTITATIVE SKILLS						Total Hrs: 12
MATH 120, <i>Intermediate Algebra</i> (C or better req'd)		3			<input type="checkbox"/>	
MATH 121G, <i>College Algebra</i> (C or better req'd; Prereqs: MATH 120 w/C or better)		3			<input type="checkbox"/>	
AG E 250 (fa/sp), <i>Life with Microcomputers</i>		3			<input type="checkbox"/>	
A ST 311G, <i>Statistical Applications</i> (will accept A ST 251/STAT 251, <i>Statistics for Business and the Behavioral Sciences</i>)		3			<input type="checkbox"/>	
Approx Hrs: 63						

FOOTNOTES:

- ¹The New Mexico Common Core courses are guaranteed to transfer in fulfillment of General Education requirements at other New Mexico institutions.
- ²MATH 142G is the departmental requirement and also meets the AREA II requirement; Some students will need to complete the prerequisites of MATH 120 and/or MATH 121 with a "C" or better before taking MATH 142G **UNLESS** they place out of one or both via ACT/GPA scores or MPE placement. PLACEMENT in or TR CR of MATH 190, 191, 192, OR 291 will take care of the MATH 142G requirement.
- ³ECON 251G and ECON 252G will count under the AREA IV **AND** Economic Theory requirements but credit is granted only once for each course.
- ⁴Students interested in graduate degrees should consult with their advisor early in their undergraduate program regarding prerequisites that may be required for entry into a graduate program as some undergraduate courses will require grades of "B" or better for graduate admission.
- ⁵ACES 111, AND ACES 121 combination are **REQUIRED OF ALL INCOMING FRESHMEN. **PLEASE NOTE THAT THESE 2 COURSES ARE ONLY OFFERED DURING THE "FALL SEMESTER"** in mini-semester sessions (111 from Aug/mid-Oct; 121 from mid-Oct/Dec).
- ⁶AG E 400 is to be taken when student is a JUNIOR or a SENIOR.

NOTE: AG E 200, *Special Topics* - max of 4 hrs per semester with no more than 9 credits toward degree; AG E 300, *Internship* - max of 4 hrs per semester with no more than 6 credits toward degree; AG E 420, *Special Problems* - max of 3 hrs per semester with no more than 6 credits toward degree (this also includes ANY AG E 420 carrying a subtitle). Student will lose credits in excess of the maximum hours allowed.



Student Name: _____ AGGIE ID: _____

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Course Subject and Title Shaded courses are MAJOR requirements	CR	COMPLETED	MIN. GRADE	ADDITIONAL NOTES
FRESHMEN - FALL SEMESTER				Total Semester Credits: <u>15</u>
AREA I: ENGL 1 - ENGL 111G - Rhetoric and Comp.	4	<input type="checkbox"/>	C	
ACES 111 - FR Orientation/ACES 121 - Financial Fitness	2	<input type="checkbox"/>		(FA) Required of all incoming Freshmen
FWCE 110 - Intro. to Natural Resource Management	3	<input type="checkbox"/>		
AREA IV: Social/Beh. Sci(1) e.g., GOVT 100G-Amer Nat Govt	3	<input type="checkbox"/>		Select one course from AREA IV
AREA V - Hum./FinArts(1) e.g., PHIL 100G-Phil, Law, Ethics	3	<input type="checkbox"/>		Select one courwe from Area V
FRESHMEN - SPRING SEMESTER				Total Semester Credits: <u>16</u>
MATH 120 - Intermediate Algebra	3	<input type="checkbox"/>	C	
FWCE 255 - Principles of Fish and Wildlife Management	3	<input type="checkbox"/>		
AREA III - Lab. Sci.(1) e.g., BIOL 111G/L-Nat Hist of Life	4	<input type="checkbox"/>		Select one course from Area III
AG E 250 - Tech/Comm for Business Management	3	<input type="checkbox"/>		
AREA IV: ECON 251G - Principles of Macroeconomics	3	<input type="checkbox"/>		Prereq: Satisfy math basic skills; Satisfies 3 hrs from Area IV rqmt.
SOPHOMORE - FALL SEMESTER				Total Semester Credits: <u>15</u>
AREA I: ENGL 2 - e.g., ENGL 203G-Bus & Prof Comm	3	<input type="checkbox"/>		Select from ENGL 203G, 211G, 218G, 311G, or 318G
AREA IV: ECON 252G - Principles of Microeconomics	3	<input type="checkbox"/>		rqmt.
AREA II: MATH 121G - College Algebra	3	<input type="checkbox"/>	C	Prereqs: MATH 120, C or better
FWCE 301 - Wildlife Ecology	3	<input type="checkbox"/>		Prereqs: Biol 111G or BIOL 190
AREA I - Oral Comm. e.g., AXED 201G-Eff Ldrshp & Comm	3	<input type="checkbox"/>		Select from: COMM 253G, 265G, or AXED 201G
SOPHOMORE - SPRING SEMESTER				Total Semester Credits: <u>16</u>
AREA V - Hum./FinArts(2) e.g., PHIL 201G-Intro to Phil	3	<input type="checkbox"/>		Select one from Area V
MATH 142G - Calculus for Biological and Mgmt Sci.	3	<input type="checkbox"/>		Prereq: MATH 121, C or better
RGSC 294 - Rangeland Resource Management	3	<input type="checkbox"/>		Restricted to main campus only
AREA III - Lab. Sci.(2) e.g., GEOG 111G/L-Geog of Nat Env	4	<input type="checkbox"/>		Select from Area III choices
ELECTIVE	3	<input type="checkbox"/>		Select Elective course
JUNIOR - FALL SEMESTER				Total Semester Credits: <u>18</u>
A ST 311G, Statistical Applications	3	<input type="checkbox"/>		Will accept A ST 251/STAT 251
AG E/ECON 337V - Natural Resource Economics	3	<input type="checkbox"/>		(FA) Prereqs: ECON 201G or ECON 252G
AG E 450 - Adv Microcomputer Appl. in Agriculture	3	<input type="checkbox"/>		Prereq: AG E 250 or instructor consent; Cannot take AEEC 550
GEOG 281 - Map Use & Analysis OR FWCE 450 - GIS	3	<input type="checkbox"/>		FWCE Prereq: Consent of instructor
ELECTIVE	3	<input type="checkbox"/>		Select Elective course
VWW(1) - e.g., HORT 302V-Forestry and Soc.	3	<input type="checkbox"/>		Follow selection criteria and select from VWW choices
JUNIOR - SPRING SEMESTER				Total Semester Credits: <u>18</u>
AG E/GEOG 384V - Water Resource Economics	3	<input type="checkbox"/>		(SP) Prereqs: AG E 100 or ECON 252G
ECON 371 - Intermediate Microeconomic Theory	3	<input type="checkbox"/>		Prereq: ECON 252G or equivalent
GOVT 330 - Introduction to Public Administration	3	<input type="checkbox"/>		Restricted to main campus only
ELECTIVE	3	<input type="checkbox"/>		Select Elective course
ELECTIVE	3	<input type="checkbox"/>		Select Elective course
VWW(2) - e.g., MGT 375V-Global Env Assess & Mgmt	3	<input type="checkbox"/>		Follow selection criteria and select from VWW choices
SENIOR - FALL SEMESTER				Total Semester Credits: <u>15</u>
AG E 445V - Agricultural Policy	3	<input type="checkbox"/>		(FA) Prereqs: ECON 251G and ECON 252G
AG E 385 - Applied Production Economics	3	<input type="checkbox"/>		(FA) Prereq: ECON 252G, MATH 142G, and A ST 311
FWCE 455 - Environmental Risks & Decisions	3	<input type="checkbox"/>		Pre/Co-reqs: MATH 142G or 191G, A ST 311, and FWCE 301
ELECTIVE	3	<input type="checkbox"/>		Select Elective course
ELECTIVE	3	<input type="checkbox"/>		Select Elective course
SENIOR - SPRING SEMESTER				Total Semester Credits: <u>16</u>
AG E 400 - Seminar	1	<input type="checkbox"/>		Prereq: Junior standing or above; graded S/U
ECON 372 - Intermediate Macroeconomic Theory	3	<input type="checkbox"/>		Prereq: ECON 251G or equivalent
ECON 350 - Current Economic Issues	3	<input type="checkbox"/>		Prereqs: ECON 251G and 252G or consent of instructor
PHIL 300+ - e.g., PHIL 322-Env Ethics	3	<input type="checkbox"/>		Select a 300+ PHIL course; note any prereqs on selection
ELECTIVE	3	<input type="checkbox"/>		Select Elective course
ELECTIVE	3	<input type="checkbox"/>		Select Elective course