

**DEPARTMENT OF AGRICULTURAL AND EXTENSION EDUCATION  
 AGRICULTURAL EDUCATION TEACHING OPTION DEGREE PLAN  
 2018-2020 Catalog**

Revised April 2018

NAME: \_\_\_\_\_

ID: \_\_\_\_\_

At least 120 hours needed for the degree

At least 48 hours must be upper division (300 level or above)

At least 45 hours must be in Technical Agriculture

**NEW MEXICO HED GENERAL EDUCATION COMMON CORE (36 CREDITS)**

**Area I: Communications (9-10 credits)**

	<u>Hrs.</u>	<u>Gr.</u>	<u>Sem.</u>
ENGL 111 (must earn a "C" or better) (Rhetoric and Composition)	3-4	_____	_____
ENGL 203 (Business and Professional Communication), ENGL 211 (Writing in the Humanities and Social Sciences), ENGL 218G (Technical and Scientific Communication), ENGL 311G (Advanced Composition), or ENGL 318G (Advanced Technical and Professional Communication) (choose one)	3	_____	_____
AXED 201G (Effective Leadership and Communication in Agricultural Organizations), or COMM 265G (Principles of Human Communication), or COMM 253G (Public Speaking: can sub for AXED 201G for transfers)	3	_____	_____

**Area II: Mathematics/Algebra (3 credits)**

MATH 121G (College Algebra)	3	_____	_____
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**Area III: Laboratory Science (8 credits)**

BIOL 111G (Natural History of Life) /111L (Laboratory)	4	_____	_____
CHEM 110G (Principles and Applications of Chemistry) or CHEM 111G (General Chemistry I)	4	_____	_____

**Area IV: Social/Behavioral Sciences (6-9 credits: If 6 credits, then need 9 credits in Area V)**

AG E 210G (Survey of Food and Agricultural Issues)	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

**Areas V: Humanities and Fine Arts (6-9 credits: If 6 credits, then need 9 credits in Area IV)**

HIST 201G (Introduction to Early American History) or HIST 202G (Introduction to Recent American History) (choose one)	3	_____	_____
ART 101G (Orientation in Art), ART 110G (Visual Concepts), MUS 101G (An Introduction to Music), THTR 101G (The World of Theatre), or MUS 201G (History of Jazz in Popular Music: A Blending of Cultures) (choose one)	3	_____	_____
_____	3	_____	_____

**VIEWING A WIDER WORLD**

**(6 credits: Two Non-AXED courses. At least one course from Non-ACES College)**

GEOG 315V (World Agriculture and Food Problems) or ECON 337 or 384 (Natural Resource or Water Resource Economics)	3	_____	_____
EPWS 325V (Insects, Humans, and the Environment) or ANTH 360V (Food and Culture Around the World)	3	_____	_____

Other VWW courses will count here, but may not also count as a technical ag class

**REQUIRED COURSES FOR TEACHER LICENSURE (built into core)**

**Teaching Core Requirements (11 credits)**

GEOL 111G (Survey of Geology) or E S 110G (Introductory Environmental Science)	4	_____	_____
HORT 100G (Introductory Plant Science)	4	_____	_____
Additional Math Elective	3	_____	_____

**DEPARTMENTAL REQUIREMENTS**

**Professional Education (42-43 Credits) (Prior to Admission into candidacy)**

ACES 111 (Freshman Orientation) (required for freshman)	1	_____	_____
AXED 100 (Introduction to Agricultural, Extension, and Technology Education) or approved substitute for transfer students: _____	3	_____	_____
AXED 232 (Early Field-Based Experience in Ag. and Tech. Education)	2	_____	_____
AXED 380 (Philosophy and Methods of Contests)	3	_____	_____
AXED 445 (Developing Excellent Programs in Career and Tech. Ed.)	3	_____	_____
SPED 350 (Introduction to Special Education in a Diverse Society)	3	_____	_____
AXED 484 (Methods of Teaching Biological, Earth, and Physical Sciences in Agriculture)	3	_____	_____
AXED 489 (The FFA Organization: An Overview)	1	_____	_____

**Professional Education (After Admission into candidacy)**

AXED 443 (Curriculum Development & Assessment in Ag. Education)	3	_____	_____
AXED 446 (Methods for Teaching Ag. and Technology Education)	3	_____	_____
AXED 460 (Methods in Career and Technical Laboratory Instruction)	2	_____	_____
RDG 414 (Content Area Literacy)	3	_____	_____
AXED 447 (Directed Teaching in Agricultural or Technology Education)	12-13	_____	_____

**Technical Agriculture and Natural Resource Sciences (at least 24-25 credits)**

**Agricultural Economics (at least 3 credits)**

AG E 100 (Introductory Agricultural Economics and Business) or AG E 236 (Agribusiness Management Principles)	3	_____	_____
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**Agricultural Mechanics (at least 12 credits)**

AXED 105 (Techniques in Agricultural Mechanization)	3	_____	_____
AXED 205 (Metal Technology-Fabrication)	3	_____	_____
*AXED 331 (Agricultural Structures) or	3	_____	_____
AXED 303 (Small Engine Technology) or			
AXED 348 (Advanced Technology in the Agricultural Industry)	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

**Choose at least 6 credits of additional upper division ag. science**

ANSC 304 (Feeds and Feeding)	3	_____	_____
EPWS 303 (Economic Entomology)	3	_____	_____
HORT 365 (Principles of Crop Production)	4	_____	_____
HORT 302V (Forestry and Society)	3	_____	_____
HORT 462 (Plant Breeding)	3	_____	_____
RGSC 316 (Rangeland Plants)	3	_____	_____
FWCE 301 (Wildlife Ecology)	3	_____	_____
FSTE 320 (Food Microbiology)	3	_____	_____

**Additional Tech. Ag. Elective (3)**

ANSC 310 (Exhibiting Livestock)	3	_____	_____
ANSC 100 (Introductory Animal Science)	3	_____	_____
EPWS 311 (Introduction to Weed Science)	3	_____	_____
HORT 250 (Plant Propagation)	3	_____	_____
FWCE 110 (Introduction to Natural Resources Management)	3	_____	_____
SOIL 252 (Soils) (SOIL 252L)	3-4	_____	_____

\*Counts for additional fine arts requirement