

AGRICULTURAL AND EXTENSION EDUCATION (AGRICULTURAL EDUCATION TEACHING) - 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 | | |
| Area I: Communications (10 credits) | | |
| <i>English Composition - Level 1</i> ¹ | | |
| ENGL 1110G | Composition I | 4 |
| <i>English Composition - Level 2</i> ¹ | | |
| ENGL 2210G | Professional and Technical Communication Honors | 3 |
| <i>Oral Communication</i> | | |
| ACOM 1130G | Effective Leadership and Communication in Agriculture | 3 |
| Area II: Mathematics (6 credits) ¹ | | |
| MATH 1220G | College Algebra | 3 |
| MATH 1350G | Introduction to Statistics | 3 |
| Area III/IV: Laboratory Sciences and Social/Behavioral Sciences | | |
| Area III: Laboratory Sciences Course (8 credits) ¹ | | |
| CHEM 1120G | Introduction to Chemistry Lecture and Laboratory (non majors) | 4 |
| AGRO 1110G | Introduction to Plant Science (Lecture & Lab) | 4 |
| or HORT 1115G | Introductory Plant Science | |
| Area IV: Social/Behavioral Sciences Course (3 credits) ¹ | | |
| AEEC 2130G | Survey of Food and Agricultural Issues | 3 |
| Area V: Humanities (3 credits) | | |
| Choose one from the following: | | |
| HIST 1110G | United States History I | |
| or HIST 1120G | United States History II | |
| Area VI: Creative and Fine Arts (3 credits) | | |
| Select one course from Area VI ¹ | | |
| 3 | | |
| Viewing A Wider World (6 credits) ³ | | |
| ANSC 351V | Agricultural Animals of the World | |
| or EPWS 325V | Insects, Humans, and the Environment | |
| Choose one additional VWW Course from a College outside of the College of ACES | | |
| GEOG 315V | World Agriculture and Food Problems (recommended) | |
| Departmental/College Requirements (64 credits) | | |
| ACES 1120 | Freshman Orientation | 1 |
| ACES 1210 | Financial Fitness for College Students | 1 |
| AXED 1110 | Introduction to Agricultural, Extension, and Technology Education | 3 |

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| AXED 1130 | Techniques in Agricultural Mechanization | 3 |
| AXED 2110 | Metal Fabrication | 3 |
| AXED 2130 | Early Field-Based Experience | 2 |
| AXED 3130 | Advanced Technology in the Agricultural Mechanization | 3 |
| AXED 3150 | Philosophy and Methods of Contests | 3 |
| AXED 4210 | Curriculum Development and Assessment in Agricultural Education | 3 |
| AXED 4215 | Developing Excellent Programs in Career and Technical Education | 3 |
| AXED 4220 | Methods for Teaching Agricultural and Technology Education | 3 |
| AXED 4230 | Directed Teaching in Agricultural or Technology Education | 15 |
| AXED 4520 | Methods in Career and Technical Laboratory Instruction | 2 |
| AXED 4620 | Methods of Teaching Biological, Earth and Physical Sciences in Agriculture | 3 |
| READ 4330 | Content Area Literacy | 3 |
| SPED 3105 | Introduction to Special Education in a Diverse Society | 3 |
| ANSC 1120 | Introduction to Animal Science | 3 |
| ANSC 1120L | Introduction to Animal Science Lab | 1 |
| SOIL 2110 | Introduction to Soil Science | 3 |
| SOIL 2110L | Introduction to Soil Science Laboratory | 1 |
| ANSC 304 | Feeds and Feeding | 3 |
| ANSC 310 | Exhibiting Livestock | 3 |
| ACOM 3160V | Communicating Agriculture & Science to the Public | 3 |
| Agricultural Science Electives (7 - 13 credits) ² | | |
| Select from 7 to 13 credits from the following: | | 13 |
| Agricultural Economics | | |
| Plant, Pest and Soil Sciences | | |
| Animal Science | | |
| Horticulture | | |
| Natural Resources | | |
| Second Language: (not required) | | |
| Electives, to bring the total credits to 120 (0-6 credits) ⁴ | | 6 |
| Total Credits | | 120 |

¹ See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of this catalog for a full list of courses

² ACOM 1130G Effective Leadership and Communication in Agriculture will also count towards the Departmental/College requirements.

³ See the Viewing a Wider World (<https://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 General Education course selection, 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 credits and may appear in variable form based 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 advisor.