

AGRICULTURE - ASSOCIATE OF APPLIED SCIENCE

The **Associate of Applied Science in Agriculture** program prepares students with classes in the basic agricultural and foundation sciences; business and economics, education, communication, technology, agronomy, animal science, mechanics and horticulture. The purpose of this program is to prepare individuals to apply the broad-based curriculum towards an agricultural career as professional educators, communicators and leaders of agricultural, natural resource, technology and related disciplines. The courses provided through this program will assist in building a strong base of students who are willing to pursue further education opportunities in the agriculture industry. New Mexico has a viable and productive agricultural industry, with cash receipts totaling more than \$3 billion and a total economic impact with over \$6 billion. These facts alone constitute an educated workforce that is prepared for the ever-changing markets and production of the state's food supply, natural resources, and environment. This degree will equip students with the necessary skills for employment within this growing industry.

| Code | Title | Hours |
|--|--|-------|
| General Education | | |
| Courses are required from Area I, II, III, IV, V and VI ^{1,2} | | 19 |
| Area I: Communications | | |
| ACOM 1130G | Effective Leadership and Communication in Agriculture (Technical Requirement) ¹ | |
| Area II: Mathematics | | |
| Area III: Laboratory Science | | |
| AGRO 1110G | Introduction to Plant Science (Lecture & Laboratory) (Technical Requirement) ¹ | |
| Area IV: Social/Behavioral Sciences | | |
| AEEC 2130G | Survey of Food and Agricultural Issues (Technical Requirement) ¹ | |
| Area V: Humanities | | |
| Area VI: Creative and Fine Arts | | |
| Technical Requirements | | |
| AEEC 1110 | Introduction to Agricultural Economics and Business | 3 |
| AEEC 2110 | Principles of Food and Agribusiness Management | 3 |
| AGRO 2160 | Plant Propagation | 3 |
| ANSC 1120 & 1120L | Introduction to Animal Science and Introduction to Animal Science Laboratory | 4 |
| ANSC 2330 | Animal Production | 3 |
| AXED 1130 | Techniques in Agricultural Mechanization | 3 |
| BCIS 1110 | Fundamentals of Information Literacy and Systems | 3 |
| BIOL 2610G & BIOL 2610L | Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory | 4 |
| ECON 2110G or ECON 2120G | Macroeconomic Principles or Microeconomic Principles | 3 |
| MATH 1215 | Intermediate Algebra | 3 |
| POLS 1120G | American National Government | 3 |

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|---|-------------------------|-----------|
| WELD 105 | Introduction to Welding | 3 |
| Electives, to bring the total credits to 60 ³ | | 3 |
| Total Hours | | 60 |

1

Course is a Technical Requirement and must be completed regardless of transfer credit awarded.

2

See the General Education section of the catalog for a full list of courses.

A Suggested Plan of Study

Additional classes may be needed based on placement test results and/or course prerequisites. Visit with an advisor for help with creating a customized plan.

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| ACOM 1130G | Effective Leadership and Communication in Agriculture (Area I: Communications) | 3 |
| ANSC 1120 & 1120L | Introduction to Animal Science and Introduction to Animal Science Laboratory | 4 |
| AGRO 1110G | Introduction to Plant Science (Lecture & Laboratory) (Area III: Laboratory Science) | 4 |
| BCIS 1110 | Fundamentals of Information Literacy and Systems | 3 |
| Hours | | 14 |
| Spring | | |
| ANSC 2330 | Animal Production | 3 |
| AEEC 2130G | Survey of Food and Agricultural Issues (Area IV: Social/Behavioral Sciences) | 3 |
| MATH 1215 | Intermediate Algebra | 3 |
| WELD 105 | Introduction to Welding | 3 |
| Area II: Mathematics ¹ | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| AEEC 1110 | Introduction to Agricultural Economics and Business | 3 |
| AXED 1130 | Techniques in Agricultural Mechanization | 3 |
| BIOL 2610G & BIOL 2610L | Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory | 4 |
| Area V: Humanities ¹ | | 3 |
| Area VI: Creative and Fine Arts ¹ | | 3 |
| Hours | | 16 |
| Spring | | |
| AEEC 2110 | Principles of Food and Agribusiness Management | 3 |
| AGRO 2160 | Plant Propagation | 3 |
| ECON 2110G or ECON 2120G | Macroeconomic Principles or Microeconomic Principles | 3 |
| POLS 1120G | American National Government | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

2 Agriculture - Associate of Applied Science

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See the General Education section of the catalog for a full list of courses.