

AGRICULTURAL and EXTENSION EDUCATION

Professor Thomas J. Dormody, department head

Professors Gleason, Hamilton, Holley, Seevers, VanLeeuwen;
Associate Professor Hodnett, Rosencrans; **Assistant Professors**
Chamberlin, Wilhelm
(505) 646-4511

DEGREE: Bachelor of Science in Agriculture

MAJOR: Agricultural and Extension Education

OPTION: Agricultural Education Teaching

OPTION: Extension and Nonformal Education

OPTION: Agricultural Communications

OPTION: Advanced Technology Education

MINOR: Agricultural and Extension Education

The department offers a broad-based curriculum in agricultural, technology, and extension education with options for students interested in preparing for the many careers as professional educators in agriculture, technology, and related disciplines. A flexible curriculum allows you to develop individualized programs if you wish to prepare for a career as an agricultural or technology instructor, extension professional, media specialist, and agency and industry educational professional in domestic and/or international settings.

The department offers a minor in agricultural and extension education, which may be earned by completion of 18 credits in the department. The minor must include 9 credits of upper-division courses with a minimum of two courses at the 400 level.

GENERAL REQUIREMENTS

You must meet the general education and college requirements for the Bachelor of Science degree. You must establish a cumulative grade-point average of not less than 2.5 before you are admitted into the student teaching, extension field experience, or internship program. If you wish to teach in a public school, you must take/pass the New Mexico Assessment of Teacher Basic Skills before student teaching (AXED 447), and should take/pass the New Mexico Assessment of Secondary Teacher Competency before graduation. You need a minimum of 48 hours in technical agriculture for the secondary teaching certificate program in agriculture and are required to take 54 credit hours of upper-division courses (300+). In addition to the general education and technical subject matter requirements, you must complete all of the professional education courses in the option selected.

You may select technical courses required for completion of the major from the following areas: animal and range sciences; agricultural mechanics; agricultural economics; agronomy; environmental and soil sciences, horticultural science; entomology, plant pathology, and weed science; fishery and wildlife sciences; and engineering. Selected courses for the major's four options are:

OPTION: Agricultural Education Teaching

AXED 100, Introduction to Agricultural, Extension, and Technology Education.....	3
AXED 201G, Effective Leadership and Communication in Agricultural Organizations	3
AXED 230, Early Field-Based Experience.....	1
AXED 440, Methods in Career and Technical Laboratory Instruction.....	2
AXED 445, Planning and Methods in Career and Technical Education.....	3
AXED 446, Methods of Teaching Agricultural and Technology Education	6
AXED 447, Directed Teaching in Agricultural and Technology Education.....	6-10
RDG 414, Content Area Literacy	3
SPED 350, Survey of Programs for Exceptional Learners	3

OPTION: Extension and Nonformal Education

AXED 100, Introduction to Agricultural, Extension, and Technology Education	3
AXED 201G, Effective Leadership and Communication in Agricultural Organizations	3
AXED 230, Early Field-Based Experience.....	1
AXED 360, Agricultural Communications	3
AXED 415, Youth Program Development and Management.....	3
AXED 444, Planning and Methods in Nonformal Education	3

AXED 446, Methods of Teaching Agricultural and Technology Education	6
AXED 448, Directed Teaching in Extension Education	4-10

OPTION: Agricultural Communications

AXED 100, Introduction to Agricultural, Extension, and Technology Education	3
AXED 201G, Effective Leadership and Communication in Agricultural Organizations	3
AXED 230, Early Field-Based Experience.....	1
AXED 360, Agricultural Communications	3
AXED 444, Planning and Methods in Nonformal Education	3
AXED 449, Internship in Agricultural or Technology Education	4-10
AXED 490, Independent Study in Agricultural Communications	3
JOUR 105G, Introduction to Mass Communications.....	3
JOUR 110, Writing for the Mass Media	3
JOUR 210, Writing for the Print Media.....	3
JOUR 313, Radio Reporting	3
JOUR 319, Photojournalism I	3
JOUR 374, Principles of Public Relations	3

OPTION: Advanced Technology Education

AXED 100, Introduction to Agricultural, Extension, and Technology Education	3
AXED 201G, Effective Leadership and Communication in Agricultural Organizations	3
AXED 440, Methods in Career and Technical Laboratory Instruction.....	2
AXED 445, Planning and Methods in Career and Technical Education.....	3
AXED 446, Methods of Teaching Agricultural and Technology Education	6
AXED 447, Directed Teaching in Agricultural or Technology Education	6-10
E T 317, Manufacturing Technology	3
E T 320, Applications Software for Engineering Technologists.....	3
E T 340/341, AC and DC Circuits and Lab.....	5
E T 342, Digital Electronics I.....	3
E T 365, Building Utilities	3
E T 479, Developing and Managing Educational Networks.....	3
E T 480, Design and Problem Solving in Engineering and Technology	3
RDG 414, Content Area Literacy	3
SPED 350, Survey of Programs for Exceptional Learners	3

MINOR: Agricultural and Extension Education

The department offers a minor in agricultural and extension education, which may be earned by completion of 18 credits in the department. The minor must include 9 credits of upper-division courses with a minimum of two courses at the 400 level.

Accreditation

The Department of Agricultural and Extension Education is accredited by the National Council for the Accreditation of Teacher Education.

ANIMAL and RANGE SCIENCES

Professor Mark M. Wise, department head

Professor Tim T. Ross, assistant department head

Professors Allred, Halford, Hawkins, Holechek, McDaniel, Petersen, Ross, J. Thomas, Wise; **Associate Professors** Bailey, Burcham; M. Thomas; **Assistant Professors** Abbott, Cibils, Elam, Fernald, Soto, Ivey, Löest, Turner; **Co-operators (USDA)** Anderson, Barrow, Estell, Fredrickson, Gibbens, Havstad, Herrick, Peters, Sullivan (CES)
(505) 646-2514; ascience@nmsu.edu

DEGREE: Bachelor of Science in Agriculture

MAJOR: Animal Science

OPTION: Animal Industry

OPTION: Science