



Eastern New Mexico University
College of Education and Technology
2023-2025 Catalog

Major: Animal & Dairy Science	Minor: Not required
Emphasis: Pre-Veterinary	Degree: Bachelor of Science (B.S.)

This degree plan is a guide only. Consult with an adviser before enrolling in courses. For more detailed information on coursework and degree requirements, refer to the catalog and consult with an adviser.

All course requirements in the major must have a grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit.

Note: All Bachelor degrees at ENMU require 120 minimum total credit hours including 40 upper-division (300-/400-level) hours. Developmental and vocational/technical courses will not be counted toward graduation requirements.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)

FYEX 1110 First-Year Seminar
Diversity/Global Upper-Division

GENERAL EDUCATION REQUIREMENTS (non-teaching) (31-33 hours)

Suggested General Education courses:

BIOL 2110/L Principles of Biology: Cellular & Molecular & Lab
CHEM 1215/L General Chemistry I for STEM Majors & Lab
MATH 1220 College Algebra

REQUIREMENTS in Agriculture Core (23 hours)

AEEC 1110 Introduction to Agricultural Economics & Business
AGRI 1110 Introduction to Agricultural Education
AGRO 1110C Introduction to Plant Science
ANSC 1110 Animal Science Careers
ANSC 1120 Introduction to Animal Science
ANSC 2320 Principles of Animal Nutrition
SOIL 2110 Introduction to Soil Science
AG 394 Professional Leadership Development
AG 494 Senior Seminar

REQUIREMENTS in Agriculture (30 hours)

AGRI 1120 Introduction to Dairy
ANSC 2340 Genetics in Animal Science
AG 325 Animal Physiology
AG 350 Advanced Dairy Science
AG 413 Experimental Design & Statistical Analysis in Agricultural Science
AG 433 Veterinary Science
AG 450 Reproductive Physiology

Complete 3 courses from:

AG 320 Horse Production & Management
AG 348 Swine Production
AG 349 Small Ruminant Production
AG 351 Beef Production
AG 489 Internship

REQUIREMENTS in Other Areas (34 hours)

BIOL 2610/L Principles of Biology: Biodiversity, Ecology & Evolution & Lab
BIOL 306/L Microbiology & Lab
CHEM 1225/L General Chemistry II for STEP Majors & Lab
CHEM 341/L Organic Chemistry I & Lab
CHEM 342/L Organic Chemistry II & Lab
CHEM 452 Biochemistry
ENGL 2210 Professional & Technical Communication
PHYS 1230/L Algebra-based Physics I & Lab
PHYS 1240/L Algebra-based Physics II & Lab

ELECTIVES as needed to fulfill requirement of 120 total credit hours.