



Eastern New Mexico University
College of Education and Technology
2025-2027 Catalog
Degree Guide Checklist

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|-----------|--------------------------|---------|----------------------------|
| Major: | Animal and Dairy Science | Minor: | Optional |
| Emphasis: | Pre-Veterinary | Degree: | Bachelor of Science (B.S.) |

This degree guide is a guide only and is subject to revision. Before enrolling in courses, consult with an adviser and review the current ENMU-Portales catalog.

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: The B.A. and B.S. degrees require 120 minimum total credit hours including 40 upper-division (300- or 400-level) hours and ENMU-Portales residency requirement (30 of the final 60 hours must be taken from ENMU-Portales). B.A. candidates must satisfy the language requirement (6-14 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 and Molecular
CHEM 1215/L General Chemistry I for STEM Majors
ENGL 2210 Professional and Technical Communication
MATH 1220 College Algebra

REQUIREMENTS IN AGRICULTURE CORE (26 hours)

ACOM 1110 Introduction to Agricultural Communications
AEEC 1110 Intro to Agricultural Economics and 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 Intro to Dairy
ANSC 2340 Genetics in Animal Science
AG 325 Animal Physiology
AG 413 Experimental Design and Statistical Analysis in Agricultural Science
AG 433 Veterinary Science
AG 450 Reproductive Physiology

Complete three courses from:

AG 320 Horse Production and Management
AG 348 Swine Production
AG 349 Small Ruminant Production
AG 350 Advanced Dairy Production
AG 351 Beef Production
AG 489 Internship

REQUIREMENTS IN OTHER AREAS (34 hours)

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

ELECTIVES AS NEEDED TO FULFILL REQUIREMENT OF 120 CREDIT HOURS.