



Eastern New Mexico University
College of Education and Technology
2021-2023 Catalog

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

This degree plan is a guideline 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.

Note: The B.S. degree requires a minimum 40 hours of upper-division courses. Developmental and vocational/technical courses will not be counted toward graduation requirements.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)	Course	Credits	Semester	Grade
	FYEX 110 First-Year Seminar	3	_____	_____
	Diversity/Global Upper-Division	3	_____	_____

GENERAL EDUCATION Requirements (31-33 hours)				
Suggested general education courses:				
	BIOL 2110/L Principles of Biology: Cellular & Molecular	4	_____	_____
	CHEM 1215/L General Chemistry I for STEM Majors	3	_____	_____
	ENGL 2210 Professional & Technical Communication	3	_____	_____
	MATH 1220 College Algebra	4	_____	_____

REQUIREMENTS IN Agriculture Core (17 hours)	Course	Credits	Semester	Grade
	ANSC 1120 Intro to Animal Science	3	_____	_____
	ANSC 1110 Animal Science Careers	1	_____	_____
	AGRO 1110C Intro to Plant Science	3	_____	_____
	SOIL 2110 Intro to Soil Science	3	_____	_____
	ANSC 2320 Principles of Animal Nutrition	3	_____	_____
	AEEC 1110 Intro to Agricultural Economics & Business	3	_____	_____
	AG 494 Senior Seminar	1	_____	_____

REQUIREMENTS IN Agriculture (24 hours)	Course	Credits	Semester	Grade
	AGRI 1120 Intro to Dairy	3	_____	_____
	ANSC 2340 Genetics in Animal Science	3	_____	_____
	AG 325 Animal Physiology	3	_____	_____
	AG 413 Experimental Design & Statistical Analysis in Animal Science	3	_____	_____
	AG 433 Veterinary Science	3	_____	_____
	AG 450 Reproductive Physiology	3	_____	_____

Complete two courses from:

AG 320 Horse Production & Management	_____	3	_____	_____
AG 348 Swine Production	_____	3	_____	_____
AG 349 Small Ruminant Production	_____	3	_____	_____
AG 350 Advanced Dairy Production	_____	3	_____	_____
AG 351 Beef Production	_____	3	_____	_____

REQUIREMENTS IN Other Areas (34 hours)

	Course	Credits	Semester	Grade
BIOL 2610/L Principles of Biology: Biodiversity, Ecology & Evolution	_____	4	_____	_____
BIOL 306/L Microbiology	_____	4	_____	_____
CHEM 1225/L General Chemistry II for STEM Majors	_____	4	_____	_____
CHEM 341/L Organic Chemistry I	_____	4	_____	_____
CHEM 342/L Organic Chemistry II	_____	4	_____	_____
CHEM 452 Biochemistry	_____	3	_____	_____
ENGL 2210 Professional & Technical Communication	_____	3	_____	_____
PHYS 1230/L Algebra-based Physics I	_____	4	_____	_____

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