



Eastern New Mexico University  
College of Education and Technology  
2019-2021 Catalog

Date:	Major:	Animal and Dairy Science
Name:	Emphasis:	Pre-Veterinary
ID#:	Minor:	Optional
	Degree:	Bachelor of Science

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)				
<b>Suggested general education courses:</b>				
BIOL 2110/L Principles of Biology: Cellular & Molecular	_____	4	_____	_____
CHEM 1215/L General Chemistry I for STEM Majors	_____		_____	_____
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	_____		_____	_____
AG 413 Experimental Design & Statistical Analysis in Animal Science	_____	3	_____	_____
AG 311 Farm Management & Records	_____	3	_____	_____
AG 433 Veterinary Science	_____	3	_____	_____

AG 450 Reproductive Physiology	_____	3	_____	_____
<b>Complete two courses from:</b>				
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.**