COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

ANIMAL SCIENCE: PRODUCTION MANAGEMENT

Bachelor of Science (BS)

This is a guide based on the 2026-2027 Undergraduate Catalog and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

Major Core: 33 Hours – No minor required

Required Courses:

___ AG111 Agriculture Orientation (1)
___ AG250 Agribusiness Management (3)
___ AG355 Agriculture Seminar & Career Preparation (2)
___ AY101 Introduction to Animal Science (3)
___ AY105 Animal Science Experiences (1)
___ AY106 Systems & Structures of Livestock Animals (1)
___ AY304 Principles of Animal Nutrition (3)
___ AY343 Applied Livestock Behavior & Welfare (3)
___ AY350 Animal Reproduction (3)
___ AY430 Livestock Feeds & Feedings (3)
___ AY460 Livestock Health & Diseases (3)
___ BY063 Evolution & Ecology Lab (0)
___ BY163 Evolution & Ecology (4)

Choose 3 hours:

___ AG465 Agriculture Internship (3-6)
___ AG469 Undergraduate Research in Agriculture (3)

Additional Requirements –

Choose 4 hours:

___ CH181/184 Basic Principles of Chemistry and Lab (4)
___ CH184/185 General Chemistry I and Lab (4)

Choose 3 hours:

___ MA116 Precalculus A (3)
___ MA155 Statistical Reasoning (3)

Production Management Option

Required Courses:

___ AG245 Agricultural Economics (3)
___ AG447 Commodity Markets in Agriculture (3)
___ AG470 Agribusiness Sales & Retail Marketing (3)
___ AG480 Farm & Ranch Management (3)
___ AO120 Introduction to Plant Science (3)
___ AO125 Introduction to Plant Science Lab (1)
___ AY203 Companion Animal Healthcare & Industry (3)
___ AY375 Animal Breed Improvement (3)
___ AY485 Managing Animal Systems for Industry Success: A Capstone Experience (3)

Electives - Choose 15 hours:

___ AG465 Agriculture Internship (3-6)
___ AY205 Horse Science (3)
___ AY220 Animal Handling (1)
___ AY222 Swine Science (3)
___ AY240 Beef Production (3)
___ AY265 Small Livestock Production (2)
___ AY300 Domestic Animal A&P I (3)
___ AY305 Advanced Horse Science (3)
___ AY310 Domestic Animal A&P II (3)
___ AY320 Meat Science (3)

Choose 9 Hours:

___ AG140 Communicating in Agriculture (1)
___ AG303 Agricultural Mechanization (3)
___ AG313 Agribusiness Social Media (3)
___ AG340 Agricultural Safety (3)
___ AG512 Crisis Management & Biosecurity Risk in Agriculture (3)
___AO 215 Introduction to Soil Science (3)
___ AO301 Forages (3)

Production Management Total Hours = 121

General Education Requirements – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

SAMPLE FOUR-YEAR PLAN

FIRST YEAR		
SECOND YEA		
THIRD YEAF		
FOURTH YEA		

Degree requirements for all students: *a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Catalog or Degree Works for additional graduation requirements for your program.*

A minimum 2.0 GPA in the major and overall are required to graduate with a BS degree.

FASTTRACK

Revised 10/1/2026

DEGREE MAP 2026-2027