

# AGRIBUSINESS: ANIMAL SCIENCE OPTION

## Bachelor of Science (BS)

This is a guide based on the 2024-2025 Undergraduate Bulletin 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

#### 71 Hours – No minor required

##### Required Courses:

- \_\_\_ AG111 Agribusiness Orientation (1)
- \_\_\_ AG140 Communicating in Agriculture (3)
- \_\_\_ AG208 Agriculture Bus Data Analysis (3)
- \_\_\_ AG245 Agricultural Economics (3)
- \_\_\_ AG250 Agribusiness Management (3)
- \_\_\_ AG334 Agribusiness Finance (3)
- \_\_\_ AG340 Agriculture Safety (3)
- \_\_\_ AG355 Agriculture Seminar (2)
- \_\_\_ AG447 Marketing Agricultural Products (3)
- \_\_\_ AG470 Agribusiness Sales (3)
- \_\_\_ AO120 Plant Science (3)
- \_\_\_ AO125 Plant Science Lab (1)
- \_\_\_ AY101 Animal Science (3)
- \_\_\_ HO110 Introduction to Horticulture (3)

##### Choose 3 hours:

- \_\_\_ AG381 Agribusiness Management II (3)
- \_\_\_ AC221 Principles of Accounting I (3)

##### Choose 3 hours:

- \_\_\_ AG465 Agriculture Internship (3-6)
- \_\_\_ AG469 Undergraduate Research (3)

##### Animal Science Option

- \_\_\_ AY105 Animal Science Experiences (1)
- \_\_\_ AY106 System & Structure of Livestock Animals (1)
- \_\_\_ AY302 Animal Immunology (2)
- \_\_\_ AY304 Principles of Animal Nutrition (3)
- \_\_\_ AY350 Animal Reproduction (3)
- \_\_\_ AY375 Animal Breed Improvement (3)

##### Choose 3 hours:

- \_\_\_ AY306 Companion Animal Diseases (3)
- \_\_\_ AY360 Livestock Diseases (3)

##### Choose 17 hours from:

- \_\_\_ AG371 Topics in Agriculture (2)
- \_\_\_ AG436 Agricultural Ethics (3)
- \_\_\_ AO301 Forages (3)
- \_\_\_ AY200 Companion Animals (3)
- \_\_\_ AY205 Horse Science (3)
- \_\_\_ AY210 Animal Welfare (2)
- \_\_\_ AY220 Animal Handling (1)
- \_\_\_ AY222 Swine Science (3)
- \_\_\_ AY240 Beef Production (3)
- \_\_\_ AY300 Domestic Animal A&P I (3)
- \_\_\_ AY305 Advanced Horse Science (3)
- \_\_\_ AY310 Domestic Animal A&P II (3)
- \_\_\_ AY320 Meat Science (3)
- \_\_\_ AY333 Livestock Behavior and Management (3)
- \_\_\_ AY425 Feeding Nonruminants (3)
- \_\_\_ AY435 Feeding Ruminants (3)
- \_\_\_ AY440 Advanced Beef Production (3)
- \_\_\_ AY455 Form & Function of Livestock Animals (3)

##### Additional Requirements – 4-5 hours:

- \_\_\_ CH181 Basic Principles of Chemistry (5)
- \_\_\_ CH184/185 General Chemistry I and Lab (4)

##### Choose 3 hours:

- \_\_\_ MA116 Precalculus A (3)
- \_\_\_ MA155 Statistical Reasoning (3)

**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

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
<b>FIRST YEAR</b>	UI100	1	AG111	1
	EN100	3	AG208	3
	AY101	3	AG245	3
	AY105	1	AO120	3
	MA116 or MA155	3	AO125	1
	General Education	3	HO110	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>14</b>	
<b>SECOND YEAR</b>	CH181 or CH184/185	4-5	AG 250	3
	Animal Science Elective	3	Animal Science Elective	3
	General Education	3	Animal Science Elective	3
	General Education	3	General Education	3
			General Education	3
<b>Total</b>	<b>13-14</b>	<b>Total</b>	<b>15</b>	
<b>THIRD YEAR</b>	AC221 or AG 381	3	AG140	3
	AG355	2	AG334	3
	AY302	2	AG470	3
	AY304	3	AY306 or AY360	3
	General Education	3	General Education	3
	General Education	3		
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>	
<b>FOURTH YEAR</b>	AG350	3	AG340	3
	AY447	3	AY375	3
	Animal Science Elective	3	Animal Science Elective	3
	Elective	3	Animal Science Elective	3
	Elective	3	Elective	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>	
<b>SUMMER SESSION</b>			AG465 or AG469	3

**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 Bulletin 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.



Revised  
2/22/2024

2024-2025 *degree map*

