

# AGRIBUSINESS: PLANT & SOIL 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

#### 75-76 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)

#### Plant and Soil Science Option

- \_\_\_ AG440 Precision Agriculture (3)
- \_\_\_ AO215 Soils (3)
- \_\_\_ AO260 Integrated Pest Management (3)
- \_\_\_ AO323 Plant Pathology (3)
- \_\_\_ AO420 Crop Physiology (3)
- \_\_\_ AO427 Soil Fertility & Plant Nutrition (3)
- \_\_\_ AO480 Crop Production (3)

##### Choose 11-12 hours from the following:

- \_\_\_ AG1436 Agricultural Ethics (3)
- \_\_\_ AG444 Spatial Analysis (3)
- \_\_\_ AG551 Water Management (3)
- \_\_\_ AO301 Forages (3)
- \_\_\_ AO321 Cotton & Rice Culture (3)
- \_\_\_ AO322 Weed Science (3)
- \_\_\_ AO327 Sustainable Agriculture (3)
- \_\_\_ AO401 Agriculture & Natural Resource Management (3)
- \_\_\_ AO415 Crop Systems Management (3)
- \_\_\_ AO440 Agroecosystems Analysis Field Course (3)
- \_\_\_ AO444 Principles of Plant Breeding (3)
- \_\_\_ AO555 Soil Classification & Resource Management (3)
- \_\_\_ AY105 Animal Science Experiences (1)

##### Additional Requirements:

- \_\_\_ 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)

**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	AG208	3
	EN100	3	AG111	1
	AO120/125	4	AG245	3
	HO110	3	AO215/015	3
	MA116 or MA155	3	AY101	3
	General Education	3	Agriculture elective	2-3
	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15-16</b>
<b>SECOND YEAR</b>	AO260	3	AC221 or AG381	3
	Chemistry requirement	4	AG140	3
	General Education	3	AG250	3
	General Education	3	General Education	3
	General Education	3	General Education	3
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>	
<b>THIRD YEAR</b>	AG440	3	AG334	3
	AO427	3	AG355	2
	Agriculture elective	3	AG470	3
	General Education	3	AO420	3
	General Education	3	Agriculture elective	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>14</b>
<b>FOURTH YEAR</b>	AG447	3	AG340	3
	AO323	3	AO480	3
	General Education	3	Agriculture elective	3
	Elective	3	Elective	3
	Elective	3		
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>12</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  
5/9/2024

2024-2025 *degree map*

