

AGRIBUSINESS: PLANT & SOIL SCIENCE OPTION

Bachelor of Science (BS)

This is a guide based on the 2025-2026 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:

- ___ AGI436 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
FIRST YEAR	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
Total	16		Total	15-16
SECOND YEAR	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
Total	16		Total	15
THIRD YEAR	AG440	3	AG334	3
	AO427	3	AG355	2
	Agriculture elective	3	AG470	3
	General Education	3	AO420	3
	General Education	3	Agriculture elective	3
Total	15		Total	14
FOURTH YEAR	AG447	3	AG340	3
	AO323	3	AO480	3
	General Education	3	Agriculture elective	3
	Elective	3	Elective	3
	Elective	3		
Total	15		Total	12
SUMMER SESSION			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
3/3/2025

2025-2026 *degree map*

