

# AGRIBUSINESS: AGRICULTURE SYSTEMS MANAGEMENT OPTION

## Bachelor of Science (BS)

This is a guide based on the 2022-2023 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 Business 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)

#### Agriculture Systems Management Option

- \_\_\_ AG303 Agriculture Mechanization (3)
- \_\_\_ AO215 Soils (3)
- \_\_\_ MA223 Elementary Probability and Statistics (3)
- \_\_\_ MI375 Management Information Systems (3)
- \_\_\_ PH120 Introductory Physics (5)

##### Choose one course:

- \_\_\_ AG440 Precision Agriculture (3)
- \_\_\_ AO327 Sustainable Agriculture (3)
- \_\_\_ AO401 Agriculture and Natural Resource Management (3)

##### Choose one course:

- \_\_\_ AG444 Spatial Analysis in GIS (3)
- \_\_\_ AG551 Water Management (3)

##### Choose 9 hours of ET prefix courses OR 9 hours of FM prefix courses:

- \_\_\_ ET160 Basic Electricity & Electronics (3)
- \_\_\_ ET365 Industrial Electrical Power (3)
- \_\_\_ ET470 Energy Management
- \_\_\_ FM504 Facilities Management (3)
- \_\_\_ FM554 Facilities Operations and Supervision (3)
- \_\_\_ FM565 Building Automation and Technology (3)

##### Additional Requirements:

Some courses may fulfill General Education requirements.

##### Choose 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	AG208	3
	EN100	3	AG111	1
	AO120/125	4	AG245	3
	AY101	3	HO110	3
	MA116 OR MA155	3	General Education	3
	General Education	3	General Education	3
	<b>Total</b>	<b>17</b>	<b>Total</b>	<b>16</b>
<b>SECOND YEAR</b>	AG208 or MI101	3	AG250	3
	CH181 or CH184/185	4-5	ETxxx or FMxxx	3
	ETxxx or FMxxx	3	PH120/020	5
	General Education	3	General Education	3
	<b>Total</b>	<b>13-14</b>	<b>Total</b>	<b>14</b>
<b>THIRD YEAR</b>	AC221 or AG381	3	AG140	3
	AG303	3	AO215/015	3
	AG334	3	MI375	3
	General Education	3	ETxxx or FMxxx	3
	Elective*	3	General Education	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
<b>FOURTH YEAR</b>	AG444/ AO327/AO401	3	AG340	3
	AG440/AG551	3	AG355	2
	AG447	3	AG470	1
	General Education	3	Elective**	3
	General Education	3	Elective	3-4
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>12-13</b>
<b>SUMMER SESSION</b>			AG465 or AG469	<b>3</b>

\*ET381 recommended

\*\*AY320 recommended

**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  
3/3/2022

2022-2023 *degree map*

