AGRIBUSINESS: AGRICULTURE SYSTEMS MANAGEMENT OPTION

Bachelor of Science (BS)

This is a guide based on the 2023-2024 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)
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___ AO215 Soils (3)
___ MA223 Elem Probability & Stats (3)
___ PH120 Introductory Physics (5)
Choose 3 hours:
___ AG333 Agriculture Law (3)
___ AG433 Agricultural & Food Policy (3)
Choose 6 hours:
___ AG440 Precision Agriculture (3)
___ AG444 Spatial Analysis in GIS (3)
___ AG451 Adapting Agriculture to Global Population (3)
___ AG551 Water Management (3)
          OR
___ HO464 Hydroponics & Horticulture Technologies (3)
___ AO327 Sustainable Agriculture (3)
___ AO401 Ag & Natural Resource Management (3)
___ AY320 Meat Science (3)
Choose one 9-hour sequence:
Sequence 1:
___ ET160 Basic Electric Circuits (3)
___ ET245 Logic Circuits (3)
___ ET304 Fundamentals of Programmable Logic Controllers (3)
Sequence 2:
___ CM143 Constructions Methods & Materials I (3)
___ CM320 Construction Cost Estimating (3)
___ CM330 Construction Planning and Scheduling (3)
          OR
___ CM315 Construction Contracts and Legal Issues (3)
Sequence 3:
___ CM126 Computer Aided Architectural Drafting (3)
___ CM226 Residential Architectural Drafting & Design (3)
___ CM322 Commercial Architectural Drafting & Design (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	Hrs	Spring Semester	Hrs
FIRST YEAR	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
	Total	**17**	**Total**	**16**
SECOND YEAR	AG208 or MI101	3	AG250	3
	CH181 or CH184/185	4-5	ETxxx or CMxxx	3
	ETxxx or CMxxx	3	PH120/020	5
	General Education	3	General Education	3
	Total	**13-14**	**Total**	**14**
THIRD YEAR	AC221 or AG381	3	AG140	3
	AG303	3	AO215/015	3
	AG334	3	MI375	3
	General Education	3	ETxxx or CMxxx	3
	Elective*	3	General Education	3
	Total	**15**	**Total**	**15**
FOURTH YEAR	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
	Total	**15**	**Total**	**12-13**
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 1/27/2023

FASTTRACK »

2023-2024 *degree map*