


**Bachelor of Science (BS)**

# Agriculture Industry Option

Like most of our world, agriculture has changed dramatically and is infinitely more complex than most people can imagine. Today, most agriculture is seen as a technology- based industry that includes production, agriscience, and agribusiness. Not only are agriculture graduates in demand to produce food, but also to package and transport it, market it, regulate its production, and finance it. Agriculture graduates play key roles in monitoring our lakes and streams and planning for the efficient and safe future of our water supply, land, and other natural resources.

Agriculture is a challenging, highly rewarding, multi-faceted industry. It also is the production of food and fiber and maintenance of our water and natural resources. Agriculture is part of all of us. People, who choose to make agriculture a career, make a difference in the American way of life.

### Agribusiness: Agriculture Industry students will...

- Choose 30 hours of agriculture courses (agriculture, agronomy, animal science, and/or horticulture), in consultation with an advisor, to supplement the agribusiness core courses.
- Be prepared for positions in management, sales, marketing, finance, policy, and related areas in the agricultural and food systems.
- Be provided with a basis for graduate work leading to graduate studies.

### Career Planning

Career preparation is part of the mission of Southeast. 100% of programs offer our students an internship, study-abroad program, clinical opportunity, student teaching or research internship.

The Office of Career Services in Academic Hall 057 can provide students with professional career counseling and coaching, resume critiques, practice interviews, job search strategies, career events, networking opportunities, and more.

### Career Opportunities

- Agriculture Sales Representative
- Area Marketing Manager
- Assistant Farm Manager
- Bank Examiner
- Crop & Pest Advisor
- Extension Agent
- Farm Manager
- Field Inspector
- Food Production Manager
- Grain Marketing & Sales
- Loan Officer
- Operations Manager
- Production Representative
- Quality Control Analyst
- Research Technician
- Winemaker

### Facilities

The department is committed to providing a variety of experiential-learning opportunities for students majoring in Agribusiness.

Students can gain experience at the following facilities:

- David M. Barton Agriculture Research Center,
- Charles L. Hutson Horticulture Greenhouse,
- Missouri Rice Research Farm,
- Charles Nemanick Alternative Agriculture Garden, and
- With individual faculty members on projects.

For more information on the facilities, please visit the facilities website: <http://www.semo.edu/agriculture/facilities.htm>

### Transfer and Dual Credit Students

If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at [semo.edu/transfercredit](http://semo.edu/transfercredit).



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This is a guide based on the 2018-2019 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

#### Agribusiness: Agriculture Industry Option – 70 Hours – No Minor Required

##### Required Courses:

- \_\_\_ AC 221 Principles of Accounting I (3)  
AND
- \_\_\_ AD 101 Introduction to Microcomputer Applications (3)  
OR
- \_\_\_ AG 208 Agriculture Business Data Analysis (3)  
AND
- \_\_\_ AG 381 Agribusiness Management II (3)
- \_\_\_ AG245 Agricultural Economics (3)
- \_\_\_ AG250 Agribusiness Management (3)
- \_\_\_ AG334 Agribusiness Finance (3)
- \_\_\_ AG355 Agriculture Seminar (1)
- \_\_\_ AG447 Marketing of Agricultural Products (3)
- \_\_\_ AG465 Agriculture Internship (3)  
OR
- \_\_\_ AG469 Undergraduate Research (3)
- \_\_\_ AG470 Agribusiness Sales (3)
- \_\_\_ AO120 Plant Science (3)
- \_\_\_ AO125 Plant Science Lab (1)
- \_\_\_ AY101 Animal Science (3)
- \_\_\_ HO110 Intro to Horticulture (3)
- \_\_\_ UI436 Agricultural Ethics (3)

##### Agriculture Industry Option

30 hours by advisement based on student plans/background, selected from AG, AO, AY, HO prefix courses or may include AAS Agriculture degree courses transferred to Southeast.

##### Additional Requirements

Some courses may fulfill University Studies requirements.

- \_\_\_ CH181 Basic Principles of Chemistry (5)  
OR
- \_\_\_ CH185 General Chemistry (5)
- \_\_\_ MA116 Precalculus A (3)

**University Studies Requirements** – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution requirement – 3 hours
- US History 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)

### SAMPLE FOUR-YEAR PLAN

▼	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
<b>FIRST YEAR</b>	UI100	3	AD101 or AG208	3
	EN100	3	AG245	3
	AO120/125	4	MA116	3
	AY101	3	University Studies	3
	HO110	3	University Studies	3
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>	

<b>SECOND YEAR</b>	CH181 or CH185	5	AC221 or AG381	3
	Agriculture Elective	3	AG250	3
	University Studies	3	University Studies	3
	University Studies	3	University Studies	3
			Elective	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>15</b>	

<b>THIRD YEAR</b>	Agriculture Elective	3	AG334	3
	University Studies	3	AG470	3
	University Studies	3	Agriculture Elective	3
	University Studies	3	Agriculture Elective – 300-500 level	3
	Elective	2	Elective	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>15</b>	

<b>FOURTH YEAR</b>	AG447	3	AG355	1
	Agriculture Elective	3	UI436	3
	Agriculture Elective	3	Agriculture Elective	3
	Agriculture Elective – 300-500 level	3	Agriculture Elective	3
	Elective	3	Agriculture Elective – 300-500 level	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>13</b>	

<b>SUMMER SESSION</b>	AG465 or AG469	<b>3</b>
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**Degree requirements for all students:** a minimum of 120 credit hours, completion of University Studies program, completion of 39 senior division hours (300-599), Writing Proficiency Exam (WP003), and completion of the Measure of Academic Proficiency and Progress (MAPP) at the senior level. Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.