

# Agribusiness: Agriculture Industry Option

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. In fact, more than 90% of Southeast students participate in internships, clinical opportunities, student teaching, research assistantships, and study abroad.

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

Demonstrated Career Proficiency is a Requirement of all Southeast Students		
CL001/CL002	First Semester	Complete the FOCUS2 assessment and develop a Career Action Plan.
CL003	Junior Year	Students gain information about career planning and job searching resources.
CL004	Senior Year	Students demonstrate advanced proficiency by identifying a position in their field, developing a cover letter, and tailoring a resume for the position. Materials are critiqued to ensure preparedness for a successful job search.

### 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>

### Special Options with Agribusiness: Agricultural Industry

The first 2 years of this program of study is available at the regional campuses (Kennett, Malden and Sikeston).

**To learn more**  
Office of Admissions  
(573) 651-2590  
admissions@semo.edu  
www.semo.edu

**To explore the College**  
Science, Technology and Agriculture online, visit  
www.semo.edu/costa

**For advising**  
College of Science, Technology and Agriculture Advising Center  
(573) 651-5930  
www.semo.edu/costa/advising

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This is a guide based on the 2015-2016 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 DegreeWorks to monitor their individual progress.

### CURRICULUM CHECKLIST

#### Agribusiness: Agriculture Industry Option – 68 Hours

- \_\_\_ 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)
- \_\_\_ MA134 College Algebra (3)

#### University Studies Requirements (not already listed above):

UI100 First Year Seminar, EN100 English Composition, Artistic Expression, Written Expression, Oral Expression, Literary Expression, Behavioral Systems, Development of a Major Civilization, Economic Systems, Political Systems, Social Systems, and two IU/UI3XXs

### 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	MA134	3
	AY101	3	Develop of a Major Civ	3
	HO110	3	Written Expression	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
	Behavioral Systems	3	Artistic Expression	3
	Literary Expression	3	Political Systems	3
			Elective	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>15</b>	

<b>THIRD YEAR</b>	Agriculture Elective	3	AG334	3
	Economic Systems	3	AG470	3
	Oral Expression	3	Agriculture Elective	3
	Social Systems	3	Agriculture Elective – 300-500 level	3
	Elective	2	IU/UI3XX	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
	IU/UI3XX	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, career proficiencies (CL001-004), 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 DegreeWorks for additional graduation requirements (i.e. minimum GPA and coursework) for your program of study.

Revised  
3/24/2015