

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

A St. Louis Outreach Office, located in Chesterfield, Mo., provides career exploration assistance, resume critiques, interview tips, job search strategies 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 Services, located in Academic Hall 057, provides professional career advising to guide students in their career development.		

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).

Bachelor of Science (BS)

This is a guide based on the 2014-2015 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**

- ___ AC221 Principles of Accounting I (3)
- ___ AD101 Introduction to Microcomputer Applications (3)
- ___ AG245 Agricultural Economics (3)
- ___ AG250 Agribusiness Management (3)
- ___ AG334 Agribusiness Finance (3)
- ___ AG 355 Agriculture Seminar (1)
- ___ AG 447 Marketing of Agricultural Products (3)
- ___ AG 465 Agriculture Internship (3)

OR

- ___ AG 469 Undergraduate Research (3)
- ___ AG 470 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)

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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**Agribusiness: Agriculture Industry Option**

Requirements for the 2014-2015 Undergraduate Bulletin

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	3	AD101	3
	EN100	3	AG245	3
	AO120/125	4	MA134	3
	AY101	3	Develop of a Major Civ	3
	HO110	3	Written Expression	3
Total	16		Total	15

SECOND YEAR	CH181 or CH185	5	AC221	3
	Agriculture Elective	3	AG250	3
	Behavioral Systems	3	Artistic Expression	3
	Literary Expression	3	Political Systems	3
			Elective	3
Total	14		Total	15

THIRD YEAR	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
Total	14		Total	15

FOURTH YEAR	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
Total	15		Total	13

SUMMER SESSION	AG465 or AG469	3
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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 (MAP) at the freshman and senior levels.

Refer to the Undergraduate Bulletin or DegreeWorks for additional graduation requirements (i.e. minimum GPA and coursework) for your program of study.

Revised
1/29/2014