

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 planning for the efficient and safe future of our water supply, land and other natural resources.

The Agribusiness: Agriculture Industry major is designed for those who are transferring from a two-year program to this four-year.

The Agriculture Industry options allows students to choose 30 hours of agriculture courses (agriculture, agronomy, animal science, and/or horticulture), in consultation with an advisor, to supplement the agribusiness core courses. Students receive personal curriculum advisement from their advisor to help them prepare for the career field of their interest.

Your Home Department...

/ The Agriculture Department has a high number of scholarships, last year awarding more than \$650,000 to students.

/ Faculty sponsor nine Agriculture clubs to help students develop leadership skills and serve the community.

/ All Agriculture Department facilities employ eager students to expand experiential learning and facilitate career readiness.

Becoming Career Ready...

/ Faculty with experience in various agribusiness areas work closely with students by providing them with faculty-mentored guidance and professional development opportunities. Students receive personal curriculum advisement from their advisor.

/ The Agriculture Industry option prepares graduates for positions in management, sales, marketing, finance, policy, and related areas in the agricultural and food systems also provides an excellent basis for graduate studies. Example job titles include agricultural consultant, farm manager, sales rep, grain merchandiser and agricultural lender.

/ 100% of Southeast programs offer real-world experience. Agribusiness students earn this experience through a required internship or research project. Agribusiness students are also able to gain valuable hands-on experience in the classroom and at the departmental facilities.

/ The path to a successful career starts with you! You can maximize your career development by working closely with Career Services and Southeast faculty – they are here to help you connect your passions, interests and skills to jobs and opportunities in the field. Career Services provides professional career counseling and coaching, resume critiques, practice interviews, job search strategies, career events, networking opportunities and more.

Career Opportunities for Graduates:

- 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



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

To explore
 the College of Science,
 Technology, Engineering and
 Mathematics online, visit
semo.edu/stem

For advising
 Center for Academic Advising
semo.edu/advising

Bachelor of Science (BS)

This is a guide based on the 2021-2022 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 – 71 Hours
– No Minor Required****Required Courses:**

- ___ AG 111 Agribusiness Orientation (1)
- ___ AG 140 Communicating in Agriculture (3)
- ___ AG 208 Agriculture Bus Data Analysis (3)
- ___ AG 245 Agricultural Economics (3)
- ___ AG 250 Agribusiness Management (3)
- ___ AG 334 Agribusiness Finance (3)
- ___ AG 340 Agriculture Safety (3)
- ___ AG 355 Agriculture Seminar (2)
- ___ AG 381 Agribusiness Management II (3)
- OR
- ___ AC 221 Principles of Accounting I (3)
- ___ AG 447 Mktg of Agri Products (3)
- ___ AG 465 Agriculture Internship (3-6)
- OR
- ___ AG 469 Undergrad Research (3)
- ___ AG 470 Agribusiness Sales (3)
- ___ AO 120 Plant Science (3)
- ___ AO 125 Plant Science Lab (1)
- ___ AY 101 Animal Science (3)
- ___ HO 110 Intro to Horticulture (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 General Education requirements.

- ___ CH 181 Basic Principles of Chemistry (5)
- OR
- ___ CH 184/185 General Chemistry I and Lab (4)
- ___ MA 116 Precalculus A (3)
- OR
- ___ MA 155 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
FIRST YEAR	UI100	1	AG208	3
	EN100	3	AG111	1
	AO120/125	4	AG245	3
	AY101	3	MA116 or MA155	3
	HO110	3	General Education	3
	General Education	3	General Education	3
Total	16	Total	16	

SECOND YEAR	CH181 or CH184/185	4-5	AC221 or AG381	3
	Agriculture Elective	3	AG250	3
	General Education	3	General Education	3
	General Education	3	General Education	3
			Elective	3
Total	13-14	Total	15	

THIRD YEAR	AG140	3	AG334	3
	Agriculture Elective	3	AG340	3
	General Education	3	AG470	3
	General Education	3	Agriculture Elective	3
	Elective	3	Agriculture Elective – 300-500 level	3
Total	15	Total	15	

FOURTH YEAR	AG447	3	AG355	2
	Agriculture Elective	3	Agriculture Elective	3
	Agriculture Elective	3	Agriculture Elective	3
	Agriculture Elective – 300-500 level	3	Agriculture Elective – 300-500 level	3
	Elective	2-3	Agriculture Elective – 300-500 level	3
	Total	14-15	Total	14

SUMMER SESSION	AG465 or AG469	3
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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.