

# Agricultural Education

## Bachelor of Science in Education (BSED)

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Choosing a degree in agricultural education leads to a variety of promising and fulfilling careers within agriculture. Individuals holding a degree in agricultural education are well qualified and in high demand throughout the agricultural sector. Career opportunities that are consistently available to graduates exist in a multitude of areas including secondary (High School) education, corporate training, management, sales, public relations, and governmental representatives. By becoming a part of Agricultural Education, you will be entering a field of endeavor that will build and maintain a quality lifestyle among a network of agricultural educators who share your passion!



### 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-mentored guidance will help you develop the professional skills needed to become a successful teacher and/or advanced student in graduate and professional programs.

/ B.S. in Agriculture Education graduates work in a multitude of areas including secondary (high school) education, corporate training, management and sales. Examples of job titles include high school agriculture education teacher and college agriculture instructor.

/ 100% of Southeast programs offer real-world experience. B.S. Ed. in Agriculture Education students earn this experience through student teaching and through valuable hands-on experience within required labs that accompany the agriculture coursework. Students are also able to gain valuable hands-on experience in the classroom and at the departmental facilities.

/ Agricultural education students currently enjoy a 100% placement rate in either secondary agricultural education programs throughout the region or in solid careers within the agribusiness sector.

/ 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.

### Transfer and Dual Credit Students

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

### Employment of Recent Graduates:

- Portageville, Missouri Public Schools
- Meadow Heights Public Schools
- Fredericktown, Missouri Public Schools
- Poplar Bluff, Missouri Public Schools
- Cuba, Missouri Public Schools
- National FFA Organization

### Admission Requirements

- 42 credit hours completed
- 2.75 cumulative GPA
- One of the following: 1) Composite/Superscore of 20 or higher on the ACT exam; 2) Passing scores on all sections of the Missouri General Education Assessment (MoGEA); or 3) A 4-year degree from an accredited college/university
- The following course requirements met:
  - A grade of C or above in CF/PY120 The Child (Elementary, Early, and Exceptional) or PY222 Development of the Adolescent (5-9, 9-12, and PK-12)
  - A grade of B or above in ED280 Introduction to Education as a Profession or ME222 Principles of Teaching Music

### Additional Information

The state of Missouri has high expectations for future educators. Students matriculating into education programs must meet the following standards to be recommended for licensure following degree completion.

Students must maintain a 2.75 cumulative GPA and a 3.0 GPA in both the area of content expertise and pedagogy courses. In addition, students must pass the MO Content Exam and the MO Educator Evaluation System for recommendation for licensure. Students must also fulfill other assessments such as a dispositions profile and be cleared through an FBI background check.

### Special Options with Secondary Education

Southeast offers a Master of Arts in Secondary Education: Educational Studies or Educational Technology.

### Facilities

The department is committed to providing a variety of experiential learning opportunities for students majoring in agribusiness. Students 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>

**To learn more**  
Office of Admissions  
(573) 651-2590  
[admissions@semo.edu](mailto:admissions@semo.edu)  
[semo.edu](http://semo.edu)

**To explore**  
the College  
of Education, Health and Human  
Studies online, visit  
[semo.edu/education-health](http://semo.edu/education-health)

**For advising**  
Center for Academic Advising  
[semo.edu/advising](http://semo.edu/advising)

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This is a guide based on the 2019-2020 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

"Critical Courses" are italicized and bold. Data shows that students who have completed this course in the first two years and have earned the noted grade are most likely to complete this program of study.

#### Professional Education Courses- 47 Hours Required

A grade of 'C' or better is required in education courses, with the exception of ED280 which requires a grade of 'B' or better.

- \_\_\_ **ED280 Introduction to Teaching (3)**
- \_\_\_ EF400 Student Teaching Seminar (1)
- \_\_\_ EX390 Psychology and Education of the Exceptional Child (3)
- \_\_\_ **PY222 Development of the Adolescent (3)**
- \_\_\_ SE307 Content Literacy Methods for Middle and High School (3)
- \_\_\_ SE317 Techniques of Teaching Agriculture (3)
- \_\_\_ SE350 Pedagogy 1: Principles of Effective Teaching (3)
- \_\_\_ SE355 Field II (3)
- \_\_\_ SE365 Pedagogy 2: Interdisciplinary Methods for Middle School (4)
- \_\_\_ SE380 Advanced Field (3)
- \_\_\_ SE385 Pedagogy 3: Advanced Methods of Middle and Secondary Teaching (3)
- \_\_\_ SE390 Instructional Interventions for Middle and Secondary Students with Special Literacy Needs (3)
- \_\_\_ SE465 Student Teaching (12)

#### Agricultural Education – 54 Hour Major - No Minor Required

Required Courses:

- \_\_\_ AG 201 World Food & Society (3)
- \_\_\_ AG 245 Agricultural Economics (3)
- \_\_\_ AG 250 Agribusiness Management (3)
- \_\_\_ AG 302 Agricultural Education Planning (3)
- \_\_\_ AG 303 Agricultural Mechanization (3)
- \_\_\_ AG 334 Agribusiness Finance (3)
- \_\_\_ AG 355 Agricultural Seminar (1)
- \_\_\_ AG 447 Marketing Agricultural Products (3)
- \_\_\_ AO 120 Plant Science (3)
- \_\_\_ AO 125 Plant Science Lab (1)
- \_\_\_ AO 215 Soils (3)
- \_\_\_ AY 101 Animal Science (3)
- \_\_\_ AY 105 Animal Science Experience (2)
- \_\_\_ CH 181 Basic Principles of Chemistry (5)  
OR
- \_\_\_ CH 185 General Chemistry (5)
- \_\_\_ HO 110 Introduction to Horticulture (3)
- \_\_\_ UI 344 Plants & Humanity (3)
- \_\_\_ UI 436 Agricultural Ethics (3)

Additional requirements:

- \_\_\_ MA 116 Precalculus A (3)
- \_\_\_ MI 101 Introduction to Computer Applications (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
<b>FIRST YEAR</b>	UI100	3	AO120	3
	EN100	3	AO125	1
	AY101	3	General Education	3
	AY105	2	General Education	3
	MA116	3	General Education	3
	MI101	3	General Education	3
	<b>Total</b>	<b>17</b>	<b>Total</b>	<b>16</b>
Milestone: Maintain 2.75 cumulative GPA				
<b>SECOND YEAR</b>	AG201	3	AG245	3
	CH181/CH185	5	AO215	3
	HO110	3	<b>ED280</b>	3
	<b>PY222</b>	3	UI344	3
	General Education	3	General Education	3
			General Education	3
	<b>Total</b>	<b>17</b>	<b>Total</b>	<b>18</b>
Milestone: Maintain 2.75 cumulative GPA, Passing score MoGEA, Complete MEP				
<b>THIRD YEAR</b>	AG250	3	AG303	3
	AG302	3	SE307	3
	AG334	3	SE355	3
	AG355	1	SE365	4
	EX390	3	UI436	3
	SE350	3		
	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>
<b>FOURTH YEAR</b>	AG447	3	EF400	1
	SE317	3	SE465	12
	SE380	3		
	SE385	3		
	SE390	3		
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>13</b>
	Milestone: Passing score Mo Content Exam, MoPTA, 2.75 cumulative GPA, 3.0 GPA in Education and content courses.			

A "Milestone" signifies a significant stage for a student in the completion of a degree.

Students have the option of adding another area of concentration or a minor to this degree.

**Degree requirements for all students:** a minimum of 120 credit hours, completion of the General Education program, completion of 39 senior division hours (300-599), Writing Proficiency Exam (WP003).

Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.