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 study 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/transfercredit.

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
# Agricultural Science in Education (BSED)

This is a guide based on 2020-2021 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 Education as a Profession (3)
- **EF403** 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 Experience II (3)
- **SE365** Pedagogy 2: Interdisciplinary Methods for Middle School (4)
- **SE380** Advanced Field Experience (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 - 55 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 (2)
- **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** Introduction to Horticulture (3)
- **UI 344** Plants & Humanity (3)
- **UI 436** Animal Ethics (3)

Choose one course:

- **CH 185** General Chemistry (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

#### FIRST YEAR

<table>
<thead>
<tr>
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<th>Course #</th>
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Total: 17

Milestone: Maintain 2.75 cumulative GPA

#### SECOND YEAR

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General Education: 3

Total: 17

Milestone: Maintain 2.75 cumulative GPA, Passing score MoGEA, Complete MEP

#### THIRD YEAR

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General Education: 3

Total: 17

Milestone: Passing score Mo Content Exam, MoPTA, 2.75 cumulative GPA, 3.0 GPA in Education and content courses

#### FOURTH YEAR

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Total: 15

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, and completion of 38 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

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Revised:
6/1/2020