

AGRICULTURAL EDUCATION

Bachelor of Science in Education (BSED)

This is a guide based on the 2026-2027 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.

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- ___ **ED280** Introduction to Education as a Profession (3)
- ___ EF400 Student Teaching Seminar (1)
- ___ EX390 Psychology and Education of Children with Exceptionalities (3)
- ___ **PY222** Psychological Development in Adolescence (3)
- ___ SE307 Reading/Writing in the Content Area (3)
- ___ SE317 Methods in Agricultural Education (3)
- ___ SE350 Pedagogy 1: Principles of Effective Teaching (3)
- ___ SE355 Field Experience II (3)
- ___ SE365 Pedagogy 2: Secondary 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)

55-57 Hour Major - No minor required

Required Courses:

- ___ AG140 Communicating in Agriculture (3)
- ___ AG245 Agricultural Economics (3)
- ___ AG250 Agribusiness Management (3)
- ___ AG302 Agricultural Education Planning (3)
- ___ AG303 Agricultural Mechanization (3)
- ___ AG355 Agricultural Seminar (2)
- ___ AG447 Marketing Agricultural Products (3)
- ___ AO120 Plant Science (3)
- ___ AO125 Plant Science Lab (1)
- ___ AO215 Soils (3)
- ___ AO260/060 Integrated Pest Management (3)
- ___ AO401 Agriculture and Natural Resource Management (3)
- ___ AY101 Animal Science (3)
- ___ AY105 Animal Science Experiences (1)
- ___ HO110 Introduction to Horticulture (3)

Choose 4 hours:

- ___ HO320 Nursery Administration & Culture (3)
AND
- ___ AG111 Agribusiness Orientation (1)
OR
- ___ HO350 Advanced Greenhouse Management (4)

Choose 7 hours:

- ___ AG340 Agriculture Safety (3)
- ___ AG440 Precision Agriculture (3)
- ___ AG470 Agribusiness Sales (3)
- ___ AO480 Crop Production (3)
- ___ AY220 Animal Handling (1)
- ___ AY333 Livestock Behavior & Management (3)

Choose 4 hours:

- ___ CH181/184 Basic Principles of Chemistry and Lab (4)
- ___ CH184/185 General Chemistry I and Lab (4)

Choose one math course:

- ___ MA115 Precalculus A with Integrated Review (5)
- ___ MA116 Precalculus A (3)
- ___ MA155 Statistical Reasoning (3)

General Education Requirements – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 3 hours
- Constitution requirement – 3 hours
- US History 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)

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	1	AG111#	1
	EN100	3	AO120	3
	AG140	3	AO125	1
	AY101	3	General Education	3
	AY105	1	General Education	3
	MA115/MA116/MA155	3-5	General Education	3
			General Education	3
Total	14-16	Total	17	
SECOND YEAR	AO260	3	AG245	3
	Chemistry requirement	4	AO215	3
	HO110	3	AO401	3
	PY222	3	Ag elective	1-3
	General Education	3	ED280	3
	General Education	3	General Education	3
	Total	19	Total	16-19
Milestone: Admission to the Teacher Preparation Program				
THIRD YEAR	AG250	3	Agriculture elective	3
	AG302	3	Agriculture elective	3
	AG355	2	SE307	3
	EX390	3	SE355	3
	HO320 or HO350	3-4	SE365	4
	SE350	3		
	Total	17-18	Total	16
Milestone: Maintain a 3.0 GPA in content courses and in professional education courses.				
FOURTH YEAR	AG303	3	EF400	1
	AG447	3	SE465	12
	SE317	3		
	SE380	3		
	SE385	3		
	SE390	3		
	Total	18	Total	13
Milestone: Passing score on MO state assessment, passing score on MEES, 3.0 GPA in content courses and in professional education courses.				

#Required if HO320 is chosen in third year/fall semester.

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

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.



Revised 5/14/2026

DEGREE MAP 2026-2027



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ADMISSION TO THE TEACHER PREPARATION PROGRAM

To be eligible for enrollment in the majority of courses offered by the Teacher Preparation Program and required for a teaching degree (BSE, BSFCSE, BME), students must be admitted to the Teacher Preparation Program (TPP). Applications can be found at <https://semo.edu/colleges-departments/education-health/educator-preparation/admission.html>. Students should apply for admission to the TPP upon having met the following entrance criteria:

- 42 hours of coursework completed.
- Have a GPA of 2.5 or higher.
- The following course requirements met:
 - A minimum grade of 'C' in CF/PY120 The Child (Elementary, Early, and Exceptional) or PY222 Development of the Adolescent (Middle and Secondary)
 - A minimum grade of 'B' in ED280 Introduction to Education as a Profession or ME222 Principles of Teaching Music.
- International students must also have a minimum IELTS score of 7.0, TOEFL score of 95, PTE score of 64, or Duolingo score of 125. This requirement is for non-United States citizens who are not native English speakers. Students from countries where English is known to be the official language of education are exempt from English proficiency verification.

RETENTION IN THE TEACHER PREPARATION PROGRAM

After admission, students must continue to meet the following requirements for retention in the TPP:

- Demonstrate continued eligibility for interaction with schoolchildren by completing an MSHP/FBI background check through the use of the MSHP/FBI background check system. (A current background check is required for participation in all field and clinical experiences.);
- Pass all professional education courses with a minimum grade of 'C.' A minimum grade of 'C' must be obtained in all prerequisite courses before a student can be enrolled in subsequent coursework.
- Demonstrate behavior appropriate for teaching professionals. Appeals related to removal from the TPP can be found at <https://semo.edu/colleges-departments/education-health/educator-preparation/admission.html>

GRADUATION REQUIREMENT

- A 3.0 GPA in pedagogy coursework is required for all Education majors.
- A 2.5 GPA in content coursework is required for all middle school, secondary, and K-12 programs except Exceptional Child K-12, Music K-12 and Social Studies 9-12, which require a 3.0 GPA in content coursework.

TEACHER CERTIFICATION

Upon completion of Southeast's Teacher Preparation Program an individual is eligible to be recommended for a Missouri Teaching Certificate if the student has the following:

- A final 3.0 GPA in pedagogy coursework is required for all Education majors. A final 2.5 GPA in content coursework is required for all middle school, secondary, and K-12 programs (excluding Exceptional Child K-12).
- A passing score on the appropriate licensure exam(s) as required by the Missouri Department of Elementary and Secondary Education;
- A passing score on the Teacher Candidate Instrument of the Missouri Educator Evaluation System;
- MSHP/FBI background clearance from no earlier than one year prior to the date of the application for certification.

ADDITIONAL NOTES: Regardless of printed program requirements, any changes or additions mandated by the State of Missouri will become effective on the date cited by the regulations.

Students transferring into education programs should be aware of the need to be eligible for admission to the teacher preparation program immediately upon transfer. They should contact the Candidate Status and Certification Officer well in advance of the time of transfer.

NOTE: This program meets the educational requirements for professional licensure and/or certification in Missouri.

Please consult our State Authorization webpage, to determine information specific to your state:

<https://app.semo.edu/genl/distancelearningcompliance/DistLearnComp.aspx>.

