

ELEMENTARY ED/MIDDLE SCHOOL SCIENCE

Bachelor of Science in Education (BSED)

This is a guide based on the 2024-2025 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 bolded**. 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.

Elementary Education students must be admitted to the Educator Preparation Program prior to enrolling in upper division (300 level or above) education courses.

Professional Education Requirements:

A grade of 'C' or better is required in education courses.

- ___ BS118 Introduction to Process Science for Elementary Teachers (1)
- ___ CF233 Creative Thought and Expression in Children (3)
- ___ **ED280 Introduction to Education as a Profession (3)**
- ___ ED506 Education Law and Society (3)
- ___ EF400 Student Teaching Seminar (1)
- ___ EL274 Diversity in America's Schools (3)
- ___ EL300 Instructional & Assistive Technology in a Universally Designed Learning Environment (3)
- ___ EL314 Literacy Field Experience (3)
- ___ EL316 Emergent and Early Literacy Instruction (3)
- ___ EL317 Literacy Methods for Elementary Teachers (3)
- ___ EL340 Classroom Management (3)
- ___ EL350 Content Field Experience (3)
- ___ EL354 Meeting the Needs of Struggling Readers (3)
- ___ EL355 Content & Disciplinary Literacy (3)
- ___ EL360 Integrated Math, Science, Social Sciences, Health Instruction (3)
- ___ EL410 Differentiated Instruction (3)
- ___ EL420 Assessment & Data Analysis (3)
- ___ EL430 Advanced Field Experience (3)
- ___ EL480 Elementary Education Student Teaching (12)
- ___ EN140 Rhetoric & Critical Thinking (3)
- ___ EX390 Psychology of the Exceptional Child (3)
- ___ LI243 Children's Literature (3)
- ___ MA128 Numbers & Operations for Educators (4)*
- ___ MA228 Geometry and Measurement for Educators (4)
- ___ SE320 Techniques of Teaching Science (3)
- ___ SE360 Pedagogy 2: Interdisciplinary Methods for Middle School (3)

Choose 3 hours:

- ___ *PY/CF120 The Child: Development from Conception to Adolescence (3)*
- ___ *PY222 Development of the Adolescent (3)*

Science Content Courses

- ___ BS118 Introduction to Process Science for Elementary Teachers (1)
- ___ BS105 Environmental Biology (3)
- ___ BS218 Biological Science: A Process Approach (3)
- ___ CH181/081/001 Basic Principles of Chemistry (5)
- ___ GO318/018 Earth Science: A Process Approach (3)
- ___ PH106/006 Physical Concepts (3)
- ___ PH128/129 Introduction to Astronomy & Lab (4)
- ___ PH218 Physical Science: A Process Approach (3)

Additional Requirements:

(These courses may also meet General Education requirements)

- ___ BS218 Biological Science: A Process Approach (3)
- ___ EC101 Economic Problems & Policies (3)
- ___ EN100 English Composition I (3)
- ___ PH218 Physical Science: A Process Approach (3)
- ___ PS103 U.S. Political Systems (3)
- ___ SC105 Fundamentals of Oral Communication (3)
- ___ UI308 Physical/Cultural Landscapes of the World (3)
- ___ US105 American History I (3)

* Students who score less than 22 on the ACT math subscore must also take MA 018 lab.

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	BS218	3
	EN100	3	ED280	3
	BS118	1	EN140	3
	MA128	4	MA228	4
	PH128/129	4	PY/CF120 or PY222	3
	SC105	3		
	Total	16	Total	16
Milestone: Maintain 3.0 GPA in content courses				

SECOND YEAR	BS105	3	CF233	3
	EC101	3	CH181	5
	EL274	3	GO318	3
	PH106	3	PS103	3
	PH218	3	UI308	3
	US105	3		
	Total	18	Total	17
Milestone: Maintain 3.0 GPA in content courses; Passing score MoGEA or ACT				

	Literacy Block		Content Block	
THIRD YEAR	EL300	3	EL350	3
	EL314	3	EL355	3
	EL316	3	EL360	3
	EL317	3	EX390	3
	EL340	3	SE320 or ED506	3
	LI243	3	SE360	3
	Total	18	Total	18
Milestone: Maintain 3.0 GPA in content & education courses				

	Advanced Block		Student Teaching Block	
FOURTH YEAR	EL354	3	EF400	1
	EL410	3	EL480	12
	EL420	3		
	EL430	3		
	SE320 or ED506	3		
Total	15	Total	13	
Milestone: Passing score Mo content exams, MEES, 3.0 GPA in content and education courses.				

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.

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>



Revised
2/2/2024

2024-2025 degree map



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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:

1. 42 hours of coursework completed;
2. One of the following:
 - a. Composite/Superscore of 20 or higher on the ACT exam
 - b. Composite score of 1040 or higher on the SAT exam
 - c. Passing score on the Paraprofessional exam
 - d. Have a previous 4-year degree from an accredited college/university
3. The following course requirements met:
 - a. A minimum grade of 'C' in CF/PY120 The Child (Elementary, Early, and Exceptional) or PY222 Development of the Adolescent (Middle and Secondary)
 - b. A minimum grade of 'B' in ED280 Introduction to Education as a Profession or ME222 Principles of Teaching Music.
4. International Students must also meet the following requirements:
 - a. C1 (CEFR) level
 - b. IELTS minimum score of 7.0 or TOEFL minimum score of 95
 - c. Note: This policy is for non-United States citizens who are not native English speakers. Students from the United Kingdom, Canada, Australia, and New Zealand 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:

1. 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.);
2. 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. Students who, after two attempts, have still not earned a minimum grade of 'C' in a particular professional education course will be removed from the Teacher Preparation Program.
3. Demonstrate behavior appropriate for teaching professionals. Appeals related to removal from the TPP can be found at www.semo.edu/education-health/edu-prep/admission.html

GRADUATION REQUIREMENT - A final 3.0 GPA in both pedagogy and content coursework is required for graduation.

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:

1. A final 3.0 GPA in both pedagogy and content coursework;
2. A passing score on the appropriate licensure exam(s) as required by the Missouri Department of Elementary and Secondary Education;
3. A passing score on the Teacher Candidate Instrument of the Missouri Educator Evaluation System;
4. 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. It is especially important that transfer students in the College of Education make arrangements for having ACT and/or MoGEA scores transferred to the University.