

**Bachelor of Science in Education (BSED)****Elementary Ed / Middle School Science**

The Elementary Education / Middle School Science program of study prepares future teachers to work with students in elementary or middle school settings. Elementary Education students have the opportunity to participate in Tomorrow's Teachers Learning Community, where they take courses and live in a residential hall with other education majors. Students also receive support in preparation for the Missouri General Education Assessment, which is required for admission to the Educator Preparation Program. We also provide our future educators the tools to learn to use and integrate instructional technology across our curriculum. Join our EDvolution of future educators!

**Becoming Career Ready...**

- / Students will be certified to teach grades 1–6 upon successful completion of this program and licensure exams.
- / Students will be certified to teach middle school sciences grades 5–9.
- / Students integrate technology into the curriculum with the EDvolution one-to-one instructional technology program.
- / Students have the opportunity for student teaching abroad, including our partnership with Eagles College in Iquique, Chile.
- / BS Ed. students have opportunities for leadership in numerous student organizations.
- / Full-time faculty with experience in the classroom are the primary instructors in the required courses.
- / The state of Missouri has high expectations for future educators. 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.
- / 100% of Southeast programs offer a real-world experience. Students get experience this through multiple field experiences in local classrooms. In addition, there are student teaching opportunities abroad.

/ 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.

Education Outlook

- Students secure teaching positions across the state of Missouri, in surrounding states, and beyond.
- Elementary Education graduates who add on Middle School Science certification find jobs as 1st – 6th grade teachers in public or private schools, as well as opportunities to teach science in grades 5 - 9.
- Elementary Education is considered a teacher shortage area in Missouri. Placement rates are high for alumni. Science teachers are in demand, as science is a high need field.
- Principals report elementary graduates are well-prepared as beginning teachers on our annual survey about first-year teachers.

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.

EDvolution

All students in Educator Preparation Programs must purchase an iPad for use during the program.

- Tech for You: become a better student with technology
- Tech for Us: learn how to teach with technology
- Tech for Them: use technology in your field experiences

Field and Clinical Experiences

Early – explore the role of educators before you commit to the degree

Mid-level- elementary education majors adding on middle school science certification do field experiences in both elementary grades and middle school science classrooms

Student Teaching- semester long, co-teaching capstone experience in an elementary classroom

Graduation Requirements

- GPA: 2.75 cumulative; 3.0 professional education; 3.0 science content
- Pass the following Missouri Content Assessments: **007 (English Language Arts subtest)**, **008 (Mathematics subtest)**, **009 (Science subtest)**, **10 (Social Studies subtest)**, and **013 (Middle School: Science)**.
- Complete all required course work and field experiences

Special Options with Elementary Education

This program of study is also available at the Regional Campuses (Kennett and Sikeston) and the Poplar Bluff Delivery Site.

Southeast offers a Master of Arts in Elementary Education with an emphasis in Math/Science.

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

To explore the College of Education, Health and Human Studies online, visit
semo.edu/education-health

For advising
Center for Academic Advising
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 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.

- ___ BS 118 Intro Process Science Elem Teachers (1)
- ___ CF 233 Creative Thought and Expression in Children (3)
- ___ **ED 280 Introduction to Education as a Profession (3)**
- ___ ED 506 Education Law and Society (3)
- ___ EF 400 Student Teaching Seminar (1)
- ___ EL 274 Diversity in America's Schools (3)
- ___ EL 300 Assistive and Instructional Technology in a Universally Designed Learning Environment (3)
- ___ EL 314 Literacy Field Experience (3)
- ___ EL 316 Emergent and Early Literacy Instruction (3)
- ___ EL 317 Elementary and Middle School Literacy Instruction (3)
- ___ EL 340 Classroom Management (3)
- ___ EL 350 Content Field Experience (3)
- ___ EL 354 Meeting the Needs of Struggling Readers (3)
- ___ EL 355 Literacy in the Content Area (3)
- ___ EL 360 Integrated Math, Science, Social Sciences, Health Instruction (3)
- ___ EL 410 Differentiated Instruction (3)
- ___ EL 420 Assessment & Data Analysis (3)
- ___ EL 430 Advanced Field Experience (3)
- ___ EL 480 Elementary Education Student Teaching (12)
- ___ EN 140 Rhetoric & Critical Thinking (3)
- ___ EX 390 Psychology of the Exceptional Child (3)
- ___ LI 243 Children's Literature (3)
- ___ MA 128 Numbers & Operations for Educators (4)
- ___ MA 228 Geometry and Measurement for Educators (4)
- ___ **PY/CF 120 The Child: Development from Conception to Adolescence (3)**
- OR
- ___ **PY 222 Development of the Adolescent (3)**
- ___ SE 320 Techniques of Teaching Science (3)
- ___ SE 360 Pedagogy 2: Interdisciplinary Methods for Middle School (3)

Science Content Courses

- ___ BI/CH/EP 405 Engineering in Science Education (1)
- ___ BS 118 Intro Process Science Elem Teachers (1)
- ___ BS 105 Environmental Biology (3)
- ___ BS 218 Biological Science: A Process Approach (3)
- ___ CH 181/081/001 Basic Principles of Chemistry (5)
- ___ PH 106/006 Physical Concepts (3)
- ___ PH 109/009 Explore the Universe (3)
- ___ PH 218 Physical Science: A Process Approach (3)
- ___ UI 318/018 Earth Science: A Process Approach (3)

Additional Requirements:

(These courses may also meet General Education requirements)

- ___ BS 218 Biological Science: A Process Approach (3)
- ___ EC 101 Economic Problems & Policies (3)
- ___ EN 100 English Composition I (3)
- ___ PH 218 Physical Science: A Process Approach (3)
- ___ PS 103 U.S. Political Systems (3)
- ___ SC 105 Fundamentals of Oral Communication (3)
- ___ UI 308 Physical/Cultural Landscapes of the World (3)
- ___ US 105 American History I (3)

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

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	UI 100	3	BS 218	3	
	EN 100	3	ED 280	3	
	BS 118	1	EN 140	3	
	MA 128	4	MA 228	4	
	PH 109	3	PY/CF 120 or PY 222	3	
	SC 105	3			
	Total	17	Total	16	
Milestone: Maintain 2.75 cumulative GPA, 3.0 GPA in content courses					
SECOND YEAR	BS 105	3	CF 233	3	
	EC 101	3	CH 181	5	
	EL 274	3	PS 103	3	
	PH 106	3	UI 308	3	
	PH 218	3	UI 318	3	
	US 105	3			
	Total	18	Total	17	
Milestone: Maintain 2.75 cumulative GPA, 3.0 GPA in content courses; Passing score MoGEA					
THIRD YEAR	Literacy Block		Content Block		
	EL 300	3	EL 350	3	
	EL 314	3	EL 355	3	
	EL 316	3	EL 360	3	
	EL 317	3	EX 390	3	
	EL 340	3	SE 320 or ED 506	3	
	LI 243	3	SE 360	3	
		Total	18	Total	18
	Milestone: Maintain 2.75 cumulative GPA, 3.0 GPA in content courses; 3.0 GPA in professional education courses				
	FOURTH YEAR	Advanced Block		Student Teaching Block	
BI/CH/EP 405		1	EF 400	1	
EL 354		3	EL 480	12	
EL 410		3			
EL 420		3			
EL 430		3			
SE 320 or ED 506	3				
	Total	16	Total	13	
Milestone: Passing score MO Content Exams, and MEES; 2.75 cumulative GPA; 3.0 GPA in science content and professional 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, 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.

Revised
4/29/2019

Degree Map 2019-2020

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

To explore the College
of Education, Health and
Human Studies online, visit
semo.edu/education-health

For advising
Center for Academic Advising
semo.edu/advising