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

The College of Education creates a supportive climate to help all education majors meet the rigor of teacher education. Elementary Education students have the opportunity to participate in Tomorrow’s Teachers Learning Community which links cohort learning and living opportunities. Students also receive support in preparation for the Missouri General Education Assessment required for admission. 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!

Elementary Ed/ Middle School Math students will...
- Be certified to teach elementary students in grades 1 – 6.
- Be certified to teach middle school math (grades 5 – 9).
- Participate in multiple field experiences in local classrooms.
- Integrate technology into the curriculum with our EDvolution one-to-one instructional technology program.
- Have the opportunity for student teaching abroad, including our partnership with Eagles College in Iquique, Chile.
- Have opportunities for leadership in our numerous student organizations.
- Have full-time faculty with experience in the classroom as their primary instructors.
- Enjoy the benefit of national accreditation of our programs.

Career Planning
The state of Missouri has high expectations for future educators. Students graduating spring 2017 or later 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 Missouri Preservice Teacher Assessment for licensure. Students must also fulfill other assessments such as the Missouri Educator Profile and be cleared through a FBI background check.

Career preparation is part of the mission of Southeast Missouri State University on our annual survey of first-year teachers. Principals also report elementary education graduates are well-prepared as beginning teachers.

EDvolution
All students in the College of Education must rent or 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 math certification do field experiences in both elementary grades and middle school math 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 mathematics content
- Pass the following Missouri Content Assessments: 007 (English Language Arts subtest), 008 (Mathematics subtest), 009 (Science subtest), 10 (Social Studies subtest), and 012 (Middle School: Mathematics).
- 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 Specialist and Math/Science.

Transfer and Dual Credit Students
If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at semo.edu/transfercredit.
Elementary Education students must be admitted to the College of Education 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 220 Introduction to Education as a Profession (3)**
- **ED 400 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 360 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)**
- **MA 230 The Child: Development from Conception to Adolescence (3)**
- **SE 311 Techniques of Teaching Mathematics (3)**
- **SE 360 Pedagogy 2: Interdisciplinary Methods for Middle School (3)**
- **UI 506 Education Law and Society (3)**

**Mathematics Content Courses:***

- **MA 137 Precalculus (5)**
- **MA 138 Discrete Math I (3)**
- **MA 140 Analytic Geometry and Calculus I (5)**
- **MA 223 Elementary Probability Statistics (3)**
- **UI 438 Nature & Growth of Mathematical Thought (3)**

**Additional Requirements:**  
These courses may also meet University Studies 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)**

**NOTE:** All pre-education courses are pre-requisite to all professional education courses.

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

**University Studies 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)

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**SAMPLE FOUR-YEAR PLAN**

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Milestone: Maintain 2.75 cumulative GPA; 3.0 GPA in content courses; Complete MEP

Milestone: Maintain 2.75 cumulative GPA; 3.0 GPA in content courses; Passing score MoGEA

Milestone: Maintain 2.75 cumulative GPA; 3.0 GPA in 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 University Studies program, completion of 39 senior division hours (300-599), Writing Proficiency Exam (WP003), and completion of the Measure of Academic Proficiency and Progress (MAPP) at the senior level. Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.