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

The Elementary Education / Middle School Math 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 math (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 in this major 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 Math certification find jobs as 1st – 6th grade teachers in public or private schools, as well as opportunities to teach math in grades 5 - 9.
• Elementary Education is considered a teacher shortage area in Missouri. Placement rates are high for alumni. Math teachers are in demand, as math is a high need field.
• Principals report elementary education 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
  o 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)
  o 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 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.
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.
- For each semester, students must have earned at least 12 credit hours.
- Students with less than 22 on the ACT math subscore must complete Math 90 (3)
- Students with less than 22 on the ACT reading subscore must complete EL 440 (3)
- Students with less than 22 on the ACT English subscore must complete EN 140 (3)
- Students with less than 22 on the ACT natural science subscore must complete NS 115 (3)

**General Education Requirements**

- Mathematics Content Courses:
  - MA 100 English Composition I (3)
  - EC 101 Economic Problems & Policies (3)
  - BS 218 Biological Science: A Process Approach (3)

- Additional Requirements:
  - (These courses also meet General Education requirements)
  - BS 118 Intro Process Science Elem Teachers (1)
  - 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)

**Sample Four-Year Plan**

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**First Year**

**Total** 17  
**Milestone:** Maintain 2.75 cumulative GPA, 3.0 GPA in content courses.

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<td>PH218</td>
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</table>

**Total** 17  
**Milestone:** Maintain 2.75 cumulative GPA, 3.0 GPA in content courses; Passing score MoGEA.

**Second Year**

**Total** 18  
**Milestone:** Maintain 2.75 cumulative GPA, 3.0 GPA in content and professional education courses.

**Third Year**

**Total** 18  
**Milestone:** Passing score Mo Content Exams and MEES; 2.75 cumulative GPA; 3.0 GPA in math content and professional education courses.

**Fourth Year**

**Total** 18  
**Milestone:** Passing score Mo Content Exams and MEES; 2.75 cumulative GPA; 3.0 GPA in math content and professional education courses.

**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 take MA 018 lab support.

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 6/29/19