The Elementary Education / Middle School Math program prepares future teachers to work with students in elementary and middle school settings. Elementary Education majors have multiple field-based courses where you will work in classrooms in grades 1–6 and 5–9. You also have the opportunity to participate in Tomorrow’s Teachers Learning Community, where you can take courses and live in a residential hall with other education majors. The Elementary Education / Middle School Math program prepares students to use and integrate instructional technology across our curriculum. Elementary Education / Middle School Math majors are “tech ready” as beginning teachers, with both Google Educator and Apple Teacher certifications. 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 3.0 GPA in professional education and math content 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**

- Elementary Education was the second highest teacher shortage area in Missouri in the 2019-2020 school year.

- Middle School Math was in the top ten teacher shortage areas in Missouri in the 2019-202 school year.

- Placement rates are high for alumni with more than one teaching certification.

- First year teachers report feeling well prepared by Southeast Missouri State University on our annual survey of first-year teachers.

- 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

- 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.

**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: 3.0 professional education; 3.0 mathematics content

- Pass the following Missouri Content Assessments: 073-074 Elementary Education Multi-Content (English Language Arts, Social Studies, Science, Math), 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.
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.

- **MA 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 Instructional & Assistive Technology in a Universally Designed Learning Environment (3)**
- **EL 314 Literacy Field Experience (3)**
- **EL 316 Emergent and Early Literacy Instruction (3)**
- **EL 317 Literacy Methods for Elementary Teachers (3)**
- **EL 340 Classroom Management (3)**
- **EL 350 Content Field Experience (3)**
- **EL 354 Meeting the Needs of Struggling Readers (3)**
- **EL 355 Content & Disciplinary Literacy (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 380 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 232 Education Course in the First Two Years and Have Earned the Noted Grade Are Most Likely to Complete This “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.

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 436 Nature & Growth of Mathematical Thought (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)**

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

*Students who score less than 22 on the ACT math subtest 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

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<th>Fall Semester</th>
<th>Hrs</th>
<th>Course #</th>
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**FIRST YEAR**

Milestone: Maintain 2.75 cumulative GPA, 3.0 GPA in content courses

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**SECOND YEAR**

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

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**THIRD YEAR**

Milestone: Maintain 2.75 cumulative GPA, 3.0 GPA in content and professional education courses

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**FOURTH YEAR**

Milestone: Passing score MQ Content Exams and MEES; 2.75 cumulative GPA; 3.0 GPA in math 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, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.