

## Mineral Area College

### /Associate of Arts in Teaching to Bachelor of Science in Education Middle School Education (Language Arts, Math, Social Studies, & Science)

Students are encouraged to complete the Associate of Arts in Teaching Degree (AAT) at Mineral Area College to prepare for a smooth transition to a Bachelor of Science in Education (BSE) in Middle School Education at Southeast Missouri State University.

Courses to be completed for the Associate of Arts in Teaching degree at Mineral Area

MINERAL AREA COURSE		SOUTHEAST COURSE	
ENG 1330 English Composition I	3	EN 100 English Composition I	3
ENG 1340 English Composition II	3	EN 140 Rhetoric and Critical Thinking	3
ENG 2520 Children's Literature	3	LI 243 Children's Literature	3
BIO 1150 General Biology	5	Meets BS 218 Requirement	3
PHS 1200 Introduction to Astronomy or any Natural Science	3	PH 109 Exploring the Universe or Natural Science	3
MAT 1230 College Algebra or any Mathematical Science	4	MA 134 College Algebra or Mathematical Science	4
POS 1180 American Political Systems	3	PS 103 US Political Systems	3
ENG 1440 Public Speaking	3	SC 105 Fundamentals of Oral Communication	3
HIS 1230 American History I	3	US 105 American History I	3
BUS 1330 Introduction to Economics	3	EC 101 Economic Problems and Policies	3
EDU 1100 Psychology of Adolescence	3	PY 222 Development of the Adolescent	3
GEO 1130 Regional World Geography	3	Meets UI 308 Requirement	3
EDU 2150 Multicultural Education	3	EL 274 Diversity in America's Schools	3
EDU 2100 Teaching Profession with Field Experience	3	ED 280 Intro to Education as a Profession*	3
EDU 2320 Educational Psychology	3	Elective (9 hr. electives required for Southeast)	3
PSY 1130 General Psychology	3	Elective (9 hr. electives required for Southeast)	3
EDU 2280 Educational Technology	3	Elective (9 hr. electives required for Southeast)	3
EDU 2030 Foundations in Education	3	Elective	3
PED 2700 Wellness I	1	Elective	1
PED 2710 Wellness II	1	Elective	1
Humanities Requirement	3	Elective	3
ADDITIONAL COURSES WHICH MAY BE TAKEN AT MINERAL AREA OR SEMO			
EDU 2500 Education of Exceptional Learner	3	EX 390 Psychology & Education of Child with Exception.	3

\*Includes early level field experience

#### *Additional requirements for admission to Southeast Missouri State University College of Education:*

- 2.75 cumulative GPA
- Successful completion of MO General Education Assessment (MoGEA) with 220 passing score in each section

Students in Middle School Education (Grades 5-9) choose one area of concentration. Required content courses in the area of concentration are listed below. Mineral Area equivalents are indicated in red.

Required Content Courses: 24-27 Hours

(A GPA of 3.0 in content coursework is required for graduation and certification)

<b>Language Arts Content Courses (required for certification)</b>	
EN 140	Rhetoric and Critical Thinking (3) > <b>ENG 1340 English Composition II (3)</b>
EN 201	Writing about Literature (3)
EN 378	Grammars of English (3)
LI 243	Children's Literature (3) > <b>ENG 2520 Children's Literature (3)</b>
LI 270	American Literature I (3) > <b>ENG 2430 American Literature I (3)</b>
<b>OR</b>	
LI 271	American Literature II (3) > <b>ENG 2440 American Literature II (3)</b>
LI 385	Literature for Secondary Classroom (3)
LI 542	Literature for the Young Adult (3)
SC 105	Fundamentals of Oral Communication (3) > <b>ENG 1140 Public Speaking (3)</b>

<b>Mathematics Content Courses (required for certification)</b>	
MA 128	Numbers & Operations for Educators (4) > <b>MAT 1215 Math for Elementary Teachers I (4)</b>
MA 137	Precalculus (5)
MA 138	Discrete Mathematics (3)
MA 140	Analytic Geometry & Calculus I (5) > <b>MAT 1650 Analytic Geometry &amp; Calculus I (5)</b>
MA 223	Elementary Probability & Statistics (3)
MA 228	Geometry for Educators (4) > <b>MAT 1225 Math for Elementary Teachers II (4)</b>
UI 438	The Nature and Growth of Mathematical Thought (3)

<b>Science Content Courses (required for certification)</b>	
BI/CH/EP 405	Engineering in Science Education (1)
BS 105	Environmental Biology (3) > <b>BIO 1430 Environmental Science (3)</b>
BS 118	Process Science for Elementary Teachers (1)
BS 218	Biological Science: A Process Approach (3) > <b>BIO 1150 General Biology (meets BS 218 requirement) (5)</b>
CH 181	Basic Principles of Chemistry (5) > <b>PHS 1250 Introductory Chemistry (5)</b>
PH 106	Physical Concepts (3) > <b>PHS 1130 Physical Science (5)</b>
PH 109	Exploring the Universe (3) > <b>PHS 1200 Introductory Astronomy (3)</b>
PH 218	Physical Science: A Process Approach (3)
UI 318	Earth Science: A Process Approach (3)

<b>Social Studies Content Courses (required for certification)</b>	
EC 101	Economic Problems & Policies (3) > <b>BUS 1330 Survey of Economics (3)</b>
EH 101	Early European Civilization (3) > <b>HIS 1100 World Civilization I or HIS 1130 Western Civilization I (3)</b>
OS 200	Survey of Social Science (3)
PS 103	US Political Systems (3) > <b>POS 1180 American Political Systems (3)</b>
UI 308	Culture & Physical Landscapes of the World (3) > <b>GEO 1130 Regional World Geography (meets UI 308 requirement) (3)</b>
US 105	American History I (3) > <b>HIS 1230 American History I (3)</b>
US 107	American History II (3) > <b>HIS 1240 American History II (3)</b>
WH 305	World Civilization (3)

**Requirements prior to beginning pedagogy:**

- 42 course hours completed
- 2.75 cumulative GPA
- Score of 220 or higher on all sections of the Missouri General Education Assessment (MoGEA)
- Grade of 'C' or above in PY 222 Development of the Adolescent
- Grade of 'B' or above in ED 280 Introduction to Education as a Profession

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**PEDAGOGY 1 SEMESTER COURSES - 6 hr.**

SE 350 Pedagogy 1: Principles of Effective Teaching (3)

EX 390 Psychology & Education of Exceptional Child *or* EDU 235 Education of Exceptional Learners (AATelec)(3)

**PEDAGOGY 2 SEMESTER COURSES - 9 hr.**

SE 355 Field II (3)

SE 360 Pedagogy 2: Interdisciplinary Methods for Middle School (3)

SE 307 Reading/Writing in the Content Area (3)

**PEDAGOGY 3 SEMESTER COURSES - 15 hr.**

SE 380 Advanced Field (3)

SE 385 Pedagogy 3: Middle and Secondary Education Methods of Teaching (3)

SE 390 Instructional Interventions for Middle and Secondary Students with Special Literacy Needs (3)

SE 3XX Techniques of Teaching in Content Area (3)

UI 506 Education, Law, and Society (3)

**STUDENT TEACHING SEMESTER - 13 hr.**

SE 465 Student Teaching (12)

EF 400 Student Teaching Seminar (1)

**Additional requirements for graduation/certification:**

- Writing Proficiency Exam
- MAPP 2 Exam
- 2.75 cumulative GPA, 3.0 cumulative GPA in professional education courses

Successful completion of:

- Missouri Content Exam (Middle School Content: LA, Math, SS, or Science)
- MO Pre-Service Teacher Assessment (MoPTA)

A minimum of 30 credit hours must be taken in residence (at Southeast) which could result in needing additional credit hours. In addition, 39 upper-division courses numbered at or above the 300-level are required for graduation (must be taken at a four year institution).

Students should refer to Southeast's Undergraduate Bulletin and online advising system for all current degree requirements (e.g., admission requirements to the College of Education, GPA, and writing examination).