

Three Rivers College — Missouri S&T
Education BS with Early Childhood, Elementary, or Middle School Teacher Education
 Transfer Guide Effective as of Fall 2025

Complete Group 1 - Core Requirements and Group 2 - Major Requirements for major of choice.

Group 1 - Core Requirements: All Emphasis/Focus Areas Take All Courses

Education students take all Group 1 - Core Requirements and Group 2 - Emphasis Area Requirements for major of choice.

<u>Three Rivers College</u>			<u>Semester</u>	<u>Missouri S&T</u>		
ENGL 111	College Writing	3	ENG 1120	Exposition and Argumentation	3	
ENGL 112	Advanced College Writing	3	ENG 1160	Writing and Research	3	
SCOM 110	Public Speaking	3	SP&MS 1185	Principles of Speech	3	
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3	
GOVT 121	National and State Government	3	POL SCI 1200	American Government	3	
EDUC 230	Foundations of Education	3	EDUC 1074	Education in a Diverse Society	3	
EDUC 201	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1	
EDUC 210	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3	
PSYC 243	Human Development Across the Life Span	3	PSYCH 3310	Developmental Psychology	3	
EDUC 260	Education of the Exceptional Learner	3	EDUC 2310 or PSYCH 4310	Education of the Exceptional Child or Psychology of the Exceptional Child	3	
Total Hours		30	Total Hours		28	

**Group 2 - Emphasis/Focus Area Requirements:
Take All Courses for Emphasis/Focus of Choice**

Middle School Teacher Education students take all Group 1 - Core Requirements (above) and Group 2 - Emphasis Area Requirements for chosen emphasis area from list below. See course requirements on following pages.

Early Childhood
Elementary Education STEM Focus
Middle School English Emphasis
Middle School Mathematics Emphasis
Middle School Science Emphasis
Middle School Social Sciences Emphasis

Middle School Teacher Education Emphasis Area Requirements are detailed on the following pages.

Humanities/Social Science (HSS) Electives: HSS electives may include any history, economics, political science, sociology, psychology, philosophy, fine art, literature, or foreign language. Missouri S&T approved HSS courses are listed at ugs.mst.edu. Your campus may have additional acceptable options. Consult with your advisor or email transfer@mst.edu with questions.

Early Childhood

Three Rivers College

Semester

Missouri S&T

Degree Requirements

It is recommended that AAT-track students prioritize coursework in this section and the Group 1 - Core Requirements section before completing any courses from the Additional Degree Requirements section. Students should consult closely with their community college/transfer school advisor to select coursework to total no more than the maximum of 61 transferable credits.

BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology (3) and Lab (1)	4
CHEM 121 or PHYS 150	General Chemistry I (5) or Environmental Geology MOTR GEOL 100 (4)	4	CHEM 1310, 1319 or GEOLOGY 1110	General Chemistry I and Lab (5) or Physical and Environmental Geology MOTR GEOL 100 (3) Satisfies the 3-hour science requirement. Any additional credit hours apply to degree totals as general elective credit. Department will substitute CHEM 1310, 1319 or GEOLOGY 1120 for this requirement.	3
MATH 153 or MATH 163	Intermediate Algebra or College Algebra for Calculus or higher math	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra or higher math Department will substitute MATH 1103 for MATH 1140.	3
HIST 111 or HIST 112 or HIST 121 or HIST 122 or	History to 1877 or American History since 1877 or World Civilization tpo the Renaissance or World Civilization since the Renaissance or American	3	HISTORY 1300 or HISTORY 1310 or HISTORY 1100* or HISTORY 1200* or	American History to 1877 or American History since 1877 or Early Western Civilization or Modern Western Civilization or *Department will substitute HISTORY 1100 or 1200 for this requirement.	3
EDUC 250	Children's Literature	3	EDUC 3430 or ENGLISH 2240	Diverse Literature for Children or Children's Literature	3
Literature	Literature Elective	3	Literature	Literature Elective	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
ARTS 123 or ARTS 110 or MUSC 123	History and Appreciation of Art or Intro to Art or History and Appreciation of Music	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Understanding and Appreciation	3

Additional Degree Requirements

It is recommended that AAS or Certificate Program students who have completed the coursework below work closely with their community college/transfer school advisor to complete selected courses from the Recommended Transfer Coursework section and the Group 1 - Core Requirements section to total no more than the maximum of 61 transferable credits.

ECD 202	Survey of Early Childhood Development and Education	3	EDUC 1055	Intro to Early Childhood Education	3
ECD 126	Child Health, Safety, and Nutrition	3	EDUC 1221	Health, Nutrition, and Safety in Early Childhood Education	3
ECD 245	Early Childhood Administration	3	EDUC 1820	Early Childhood Program Management	3
	Group 2 Emphasis/Focus Area Requirements	31		Group 2 Emphasis/Focus Area Requirements	33
	Group 1 Core Requirements	30		Group 1 Core Requirements	28
	Total Hours	61		Total Hours*	61

*S&T advisor permission is required to transfer more than 61 credits toward the S&T degree for Early Childhood Emphasis Area.

Professional Requirements for Teacher Education Program: Please view all Professional Standing and Curriculum requirements at <https://teachereducation.mst.edu/earlychildhood/>.

Elementary Education STEM Focus

Three Rivers College

Semester

Missouri S&T

BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology (3) and Lab (1)	4
CHEM 121 or PHYS 150	General Chemistry I (5) or Environmental Geology MOTR GEOL 100 (4)	4	CHEM 1310, 1319 or GEOLOGY 1110	General Chemistry I and Lab (5) or Physical and Environmental Geology MOTR GEOL 100 (3) Satisfies the 3-hour science requirement. Any additional credit hours apply to degree totals as general elective credit. Department will substitute CHEM 1310, 1319 or GEOLOGY 1120 for this requirement.	3
MATH 153 or MATH 163	Intermediate Algebra or College Algebra for Calculus or higher math	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra or higher math Department will substitute MATH 1103 for MATH 1140.	3
HIST 121	World Civilization to the Renaissance	3	HISTORY 1100	Early Western Civilization	3
HIST 122	World Civilization since the Renaissance	3	HISTORY 1200	Modern Western Civilization	3
HIST 111 or HIST 112	American History to 1877 or American History since 1877	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
ECON 212 or ECON 211	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
EDUC 250	Children's Literature	3	EDUC 3430 or ENGLISH 2240	Diverse Literature for Children or Children's Literature	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
ARTS 123 or ARTS 110 or MUSC 123	History and Appreciation of Art or Intro to Art or History and Appreciation of Music	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Understanding and Appreciation	3
	Group 2 Emphasis/Focus Area Requirements	33		Group 2 Emphasis/Focus Area Requirements	31
	Group 1 Core Requirements	30		Group 1 Core Requirements	28
	Total Hours	63		Total Hours*	59

*S&T advisor permission is required to transfer more than 63 credits toward the S&T degree for the Elementary Emphasis Area.

Professional Requirements for Teacher Education Program: Please view all Professional Standing and Curriculum requirements at <https://teachereducation.mst.edu/elementaryeducation/>.

Middle School Language Arts Emphasis Area

Three Rivers College			Semester	Missouri S&T		
MATH 153 or MATH 163	Intermediate Algebra or College Algebra for Calculus	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3	
BIOL 101	General Biology	5	BIO SCI 1113, 1219*	General Biology (3) and Lab* (1)	4	
CHEM 121 or PHYS 150	General Chemistry I (5) or Environmental Geology MOTR GEOL 100 (4)	4	CHEM 1310, 1319 or GEOLOGY 1110	General Chemistry (4) or Physical and Environmental Geology MOTR GEOL 100 (3) <small>Satisfies the 3-hour science requirement. Any additional credit hours apply to degree totals as general elective credit.</small>	3	
ARTS 123 or ARTS 110 or MUSC 123 or THEA 120	History and Appreciation of Art or Intro to Art or History and Appreciation of Music or History and Appreciation of Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3	
HIST 121 or HIST 122 or HIST 111 or HIST 112	World Civilization tpo the Renaissance or World Civilization since the Renaissance or American History to 1877 or American History since 1877	3	HISTORY 1100 or HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Early Western Civilization or Modern Western Civilization or American History to 1877 or American History since 1877	3	
ECON 212 or ECON 211	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3	
Literature	Literature Elective	3	Literature	Literature Elective	3	
UL Literature	Upper Level Literature Elective	3	UL Literature	Upper Level Literature Elective	3	
Humanities	Any philosophy, fine art, literature, foreign language	3	Humanities	Any philosophy, fine art, literature, foreign language	3	
	Group 2 Emphasis/Focus Area Requirements	30		Group 2 Emphasis/Focus Area Requirements	28	
	Group 1 Core Requirements	30		Group 1 Core Requirements	28	
	Total Hours	60		Total Hours*	56	

*S&T advisor permission is required to transfer more than 62 credits toward the S&T degree for Middle School English Emphasis Area.

Professional Requirements for Teacher Education Program: Please view all program requirements at <https://teachereducation.mst.edu/middleschool/>.

Middle School Mathematics Emphasis Area

Three Rivers College			Semester	Missouri S&T		
BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology (3) and Lab (1)	4	
PHYS 150	Environmental Geology MOTR GEOL 100	4	GEOLOGY 1110	Physical and Environmental Geology MOTR GEOL 100	3	
CHEM 121	General Chemistry I	5	CHEM 1310	General Chemistry I (3) Satisfies the 3-hour science requirement. Any additional credit hours apply to degree totals as general elective credit.	3	
MATH 153	Intermediate Algebra	3	MATH 1103	Fundamentals of Algebra	3	
MATH 163	College Algebra for Calculus	3	MATH 1140	College Algebra	3	
MATH 171	Analytic Geometry and Calculus I	5	MATH 1214	Calculus I	4	
MATH 271	Analytic Geometry and Calculus II	5	MATH 1215	Calculus II	4	
MATH 223	Probability and Statistics	3	STAT 1115	Statistics for the Social Sciences I	3	
ARTS 123 or ARTS 110 or MUSC 123 or THEA 120	History and Appreciation of Art or Intro to Art or History and Appreciation of Music or History and Appreciation of Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3	
HIST 121 or HIST 122 or HIST 111 or HIST 112	World Civilization tpo the Renaissance or World Civilization since the Renaissance or American History to 1877 or American History since 1877	3	HISTORY 1100 or HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Early Western Civilization or Modern Western Civilization or American History to 1877 or American History since 1877	3	
ECON 212 or ECON 211	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomice	3	
Humanities	Any philosophy, fine art, literature, foreign language	3	Humanities	Any philosophy, fine art, literature, foreign language	3	
	Group 2 Emphasis/Focus Area Requirements	45		Group 2 Emphasis/Focus Area Requirements	39	
	Group 1 Core Requirements	30		Group 1 Core Requirements	28	
	Total Hours	75		Total Hours*	67	

*S&T advisor permission is required to transfer more than 60 credits toward the S&T degree for Middle School Math Emphasis Area.

Professional Requirements for Teacher Education Program: Please view all program requirements at <https://teachereducation.mst.edu/middleschool/>.

Middle School Science Emphasis Area

<u>Three Rivers College</u>			<u>Semester</u>	<u>Missouri S&T</u>		
BIOL 101	General Biology	5	BIOL 1113, 1219	General Biology and Lab	5	
BIOL 102	Environmental Science	4	BIO SCI 1173	Intro to Environmental Sciences	3	
PHYS 150	Environmental Geology MOTR GEOL 100	4	GEOLOGY 1110	Physical and Environmental Geology MOTR GEOL 100	3	
CHEM 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5	
MATH 153 or	Intermediate Algebra or		MATH 1103 or	Fundamentals of Algebra or		
MATH 163	College Algebra for Calculus	3	MATH 1140	College Algebra	3	
MATH 223	Probability and Statistics	3	STAT 1115	Statistics for the Social Sciences I	3	
ARTS 123 or	History and Appreciation of Art or		ART 1180 or	Art Appreciation or		
ARTS 110 or	Intro to Art or		MUSIC 1150 or	Music Understanding and Appreciation or		
MUSC 123 or	History and Appreciation of Music or	3	THEATRE 1190	Theatre via Video	3	
THEA 120	History and Appreciation of Theatre					
HIST 121 or	World Civilization tpo the Renaissance or		HISTORY 1100 or	Early Western Civilization or		
HIST 122 or	World Civilization since the Renaissance or		HISTORY 1200 or	Modern Western Civilization or		
HIST 111 or	American History to 1877 or	3	HISTORY 1300 or	American History to 1877 or	3	
HIST 112	American History since 1877		HISTORY 1310	American History since 1877		
ECON 212 or	Principles of Microeconomics or		ECON 1100 or	Principles of Microeconomics or		
ECON 211	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3	
Humanities	Any philosophy, fine art, literature, foreign language	3	Humanities	Any philosophy, fine art, literature, foreign language	3	
	Group 2 Emphasis/Focus Area Requirements	36		Group 2 Emphasis/Focus Area Requirements	34	
	Group 1 Core Requirements	30		Group 1 Core Requirements	28	
	Total Hours	66		Total Hours*	62	

*S&T advisor permission is required to transfer more than 61 credits toward the S&T degree for Middle School Science Emphasis Area.

Professional Requirements for Teacher Education Program: Please view all program requirements at <https://teachereducation.mst.edu/middleschool/>.

Middle School Social Sciences Emphasis Area

<u>Three Rivers College</u>			<u>Semester</u>	<u>Missouri S&T</u>		
BIOL 101	General Biology	5		BIO SCI 1113, 1219	General Biology (3) and Lab (1)	4
CHEM 121 or PHYS 150	General Chemistry I (5) or Environmental Geology MOTR GEOL 100 (4)	4		CHEM 1310, 1319* or GEOLOGY 1110	General Chemistry (4) or Physical and Environmental Geology MOTR GEOL 100 (3) Satisfies the 3-hour science requirement. Any additional credit hours apply to degree totals as general elective credit. *CHEM 1319 is not a degree requirement, will transfer as general elective credit.	3
MATH 153 or MATH 163	Intermediate Algebra or College Algebra for Calculus	3		MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3
HIST 121 or HIST 122	World Civilization to the Renaissance or World Civilization since the Renaissance	3		HISTORY 1100 or HISTORY 1200	Early Western Civilization or Modern Western Civilization	3
HIST 111 or HIST 112	American History to 1877 or American History since 1877	3		HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
ARTS 123 or ARTS 110 or MUSC 123 or THEA 120	History and Appreciation of Art or Intro to Art or History and Appreciation of Music or History and Appreciation of Theatre	3		ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECON 212 or ECON 211	Principles of Microeconomics or Principles of Macroeconomics	3		ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
Humanities	Any philosophy, fine art, literature, foreign language	3		Humanities	Any philosophy, fine art, literature, foreign language	3
	Group 2 Emphasis/Focus Area Requirements	27			Group 2 Emphasis/Focus Area Requirements	25
	Group 1 Core Requirements	30			Group 1 Core Requirements	28
	Total Hours	57			Total Hours*	53

*S&T advisor permission is required to transfer more than 62 credits toward the S&T degree for Middle School Social Sciences Emphasis Area.