

State Fair Community College — Missouri S&T
Early Childhood, Elementary, and Middle School Teacher Education Transfer Guide
 Effective as of Fall 2023

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>State Fair Community College</u>		<u>Semester</u>	<u>Missouri S&T</u>			
ENGL 101	English Composition I	3	ENG 1120	Exposition and Argumentation	3	
ENGL 102	English Composition II	3	ENG 1160	Writing and Research	3	
COM 101	Public Speaking	3	SP&MS 1185	Principles of Speech	3	
LIT 112 or LIT 107 or LIT 109	World Literature or American Literature or British Literature (or other literature elective)	3	ENGLISH 1231 or ENGLISH 1221 or ENGLISH 1211	World Literature I or American Literature: 1600 to 1865 or British Literature I: The Beginnings to 1800 (or other literature elective)	3	
PHIL 101	Introduction to Philosophy	3	PHIL1105	Intro to Philosophy	3	
GEOG 101	World Regional Geography	3	HISTORY 2110	World Regional Geography	3	
POLS 101	American/National Government	3	POL SCI 1200	American Government	3	
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3	
EDUC 209	Foundations of Education	3	EDUC 1040	Perspectives in Education	3	
EDUC 205	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1	
EDUC 220	Educational Psychology	3	PSYCH 2300	Educational Psychology	3	
PSY 210	Lifespan Development	3	PSYCH 3310	Developmental Psychology	3	
EDUC 228	Education of Exceptional Learners Pre K-12	3	EDUC 2310	Education of the Exceptional Child	3	
Total Hours		39			Total Hours	37

**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 Studies 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

<u>State Fair Community College</u>	<u>Semester</u>	<u>Missouri S&T</u>	
BIO 112 or BIO 125	5	BIOL 1113, 1219	5
CHEM 123 or EASC 106	5	CHEM 1310, 1319 or GEOLOGY 1110 (1120)	3
MATH 114	3	MATH 1140	3
PHYS 105 or EASC 120	3	PHYSICS 1145 or PHYSICS 1505	3
HIST 108 or HIST 109 or HIST 101 or HIST 102	3	HISTORY 1100 or HISTORY 1200 or HISTORY 1300 or HISTORY 1310	3
EDUC 218	3	EDUC 3430	3
ART 101 or MUS 101	3	ART 1180 or MUSIC 1150	3
	25		23
	39		37
Total Hours	64		60

*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

<u>State Fair Community College</u>	<u>Semester</u>	<u>Missouri S&T</u>	
BIO 112 or BIO 125	5	BIOL 1113, 1219	5
BIO 126	5	BIO SCI 1223, 1229	4
CHEM 123 or EASC 106	5	CHEM 1310, 1319 or GEOLOGY 1110	3
MATH 114	3	MATH 1140	3
PHYS 105 or EASC 120	3	PHYSICS 1145 or PHYSICS 1505	3
HIST 108	3	HISTORY 1100	3
HIST 109	3	HISTORY 1200	3
HIST 101 or HIST 102	3	HISTORY 1300 or HISTORY 1310	3
ECON 102 or ECON 101	3	ECON 1100 or ECON 1200	3
EDUC 218	3	EDUC 3430	3
ART 101 or MUS 101	3	ART 1180 or MUSIC 1150	3
	3		3
	3		3
	45		42
	39		37
Total Hours	84		79

*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

<u>State Fair Community College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
MATH 112 or MATH 114	Intermediate Algebra or Precalculus Algebra	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3
BIO 112 or BIO 125	Intro to Biology with Lab or Biology I with Lab	5	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
EASC 106 or EASC 120 or CHEM 123	Physical Geology with Lab (5) or Intro to Astronomy (3) or General Chemistry I with Lab (5)	3	GEOLOGY 1110 or PHYSICS 1505 or CHEM 1310	Physical and Environmental Geology (3) or Introductory Astronomy (3) or General Chemistry (4)	3
CIS 120 or CIS 155	Programming in Python or Programming in C#	3	CS 1500	Computational Problem Solving	3
ART 101 or MUS 101 or THEA 107	Art Appreciation or Music Appreciation or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
Literature Elective	Literature Elective	3	Literature Elective	Literature Elective	3
UL Literature Elective	Upper Level Literature Elective	3	UL Literature Elective	Upper Level Literature Elective	3
Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3	Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3
	Group 2 Major Requirements	29		Group 2 Major Requirements	29
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	68		Total Hours*	66

*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

<u>State Fair Community College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
BIO 112 or BIO 125	Intro to Biology with Lab or Biology I with Lab	5	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
EASC 106	Physical Geology with Lab	5	GEOLOGY 1110	Physical and Environmental Geology (3)	3
PHYS 105 or EASC 120 or CHEM 123	College Physics I with Lab (5) or Intro to Astronomy (3) or General Chemistry I with Lab (5)	3	PHYSICS 1145 or PHYSICS 1505 or CHEM 1310, 1319	College Physics I (5) or Astronomy (3) or General Chemistry I and Lab (5)	3
MATH 112	Intermediate Algebra	3	MATH 1103	Fundamentals of Algebra	3
MATH 114	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra	3
MATH 120	Precalculus Trigonometry	3	MATH 1160	Trigonometry	2
MATH 130	Calculus and Analytic Geometry I	5	MATH 1214	Calculus I	4
MATH 131	Calculus and Analytic Geometry II	5	MATH 1215	Calculus II	4
CIS 120 or CIS 155	Programming in Python or Programming in C#	3	CS 1500	Computational Problem Solving	3
MATH 119 or MATH 127	Statistical Reasoning or Business Statistics	3	STAT 1115	Statistics for the Social Sciences I	3
ART 101 or MUS 101 or THEA 107	Art Appreciation or Music Appreciation or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3	Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3
	Group 2 Major Requirements	47		Group 2 Major Requirements	42
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	86		Total Hours*	79

*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>State Fair Community College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
BIO 112 or BIO 125	Intro to Biology with Lab or Biology I with Lab	5	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
BIO 210	Principles of Genetics with Lab	4	BIOL 2223	General Genetics	3
EASC 106	Physical Geology with Lab	5	GEOLOGY 1110	Physical and Environmental Geology (3)	3
PHYS 105 or EASC 120	College Physics I with Lab (5) or Intro to Astronomy (3)	3	PHYSICS 1145 or PHYSICS 1505	College Physics I or Astronomy	3
CHEM 123	General Chemistry I with Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
MATH 112 or MATH 114	Intermediate Algebra or Precalculus Algebra	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3
MATH 119 or MATH 127	Statistical Reasoning or Business Statistics	3	STAT 1115	Statistics for the Social Sciences I	3
ART 101 or MUS 101 or THEA 107	Art Appreciation or Music Appreciation or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3	Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3
	Group 2 Major Requirements	37		Group 2 Major Requirements	34
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	76		Total Hours*	71

*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 Studies Emphasis Area

<u>State Fair Community College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
BIO 112 or BIO 125	Intro to Biology with Lab or Biology I with Lab	5	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
PHYS 105 or EASC 120 or CHEM 123 or EASC 106	College Physics I with Lab (5) or Intro to Astronomy (3) or General Chemistry I with Lab (5) or Physical Geology with Lab (5)	3	PHYSICS 1145 or PHYSICS 1505 or CHEM 1310, 1319 or GEOLOGY 1110	College Physics I (5) or Astronomy (3) or General Chemistry I and Lab (5) or Physical and Environmental Geology (3)	3
MATH 112 or MATH 114	Intermediate Algebra or Precalculus Algebra	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3
CIS 120 or CIS 155	Programming in Python or Programming in C#	3	CS 1500	Computational Problem Solving	3
HIST 108 or HIST 109	World Civilization Before 1500 or World Civilization After 1500	3	HISTORY 1100 or HISTORY 1200	Early Western Civilization or Modern Western Civilization	3
HIST 101 or HIST 102	US History Before 1877 or US History Since 1877	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
ART 101 or MUS 101 or THEA 107	Art Appreciation or Music Appreciation or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
World History	World History Elective	3	World History	World History Elective	3
American History	American History Elective	3	American History	American History Elective	3
Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3	Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3
	Group 2 Major Requirements	35		Group 2 Major Requirements	35
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	74		Total Hours*	72

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

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