

**Moberly Area 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>Moberly Area Community College</u>		<u>Semester</u>	<u>Missouri S&amp;T</u>		
LAL 101	Composition I	3	ENG 1120	Exposition and Argumentation	3
LAL 102	Composition II	3	ENG 1160	Writing and Research	3
SPK 101	Public Speaking	3	SP&MS 1185	Principles of Speech	3
LAL 150 or LAL 120 or LAL 210 or LAL 255 or LAL 125	English Literature Survey to 1750 or American Literature Survey to 1870 or A Survey of World Literature I or Women's Literature or African-American Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2242 or ENGLISH 2245 or	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or Literature by Women or African American Literature (or other literature elective)	3
PHI 150 or PHI 151	Intro to Philosophy or Intro to Logic	3	PHIL1105 or PHIL 1115	Intro to Philosophy or Intro to Logic	3
GEO 101	World Geography I	3	HISTORY 2110	World Regional Geography	3
PCS 105	Intro to American Government	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
EDU 220	Foundations of Education in a Diverse Society	3	EDUC 1040	Perspectives in Education	3
EDU 225	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1
EDU 245	Educational Psychology	3	PSYCH 2300	Educational Psychology	3
PSY 205	Human Lifespan Development	3	PSYCH 3310	Developmental Psychology	3
EDU 242	Educational of Exceptional Learners	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](http://ugs.mst.edu). Your campus may have additional acceptable options. Consult with your advisor or email [transfer@mst.edu](mailto:transfer@mst.edu) with questions.

## Early Childhood

<u>Moberly Area Community College</u>		<u>Semester</u>	<u>Missouri S&amp;T</u>		
BIO 101	Biology	4	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
PHY 121 or PHY 163	General Chemistry I (5) or Geology (4)	4	CHEM 1310, 1319 or GEOLOGY 1110	General Chemistry I and Lab or Physical and Environmental Geology	3
MTH 101	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher level math)	3
PHY 181 or PHY 162	General Physics I (5) or General Astronomy (3)	3	PHYSICS 1145 or PHYSICS 1505	College Physics I or Astronomy	3
HST 101 or HST 102 or HST 105 or HST 106	Western Civilization I or Western Civilization II or American History to 1865 or American History fromn 1865	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
LAL 252	Children's Literature for the Elementary Teacher	3	EDUC 3430	Diverse Literature for Children	3
ART 101 or ART 102 or MUS 101 or MUS 102	Art Survey and Appreciation I or Art Survey and Appreciation II or Fundamentals of Music or Music Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Understanding and Appreciation	3
	Group 2 Major Requirements	23		Group 2 Major Requirements	23
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	62		Total Hours*	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>Moberly Area Community College</u>		<u>Semester</u>	<u>Missouri S&amp;T</u>		
BIO 101	Biology	4	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
BIO 160	General Biology for Majors II	4	BIO SCI 1223, 1229	Biodiversity and Lab	4
PHY 121 or PHY 163	General Chemistry I (5) or Geology (4)	4	CHEM 1310, 1319 or GEOLOGY 1110	General Chemistry I and Lab or Physical and Environmental Geology	5 or 3
MTH 101	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher level math)	3
PHY 181 or PHY 162	General Physics I (5) or General Astronomy (3)	3	PHYSICS 1145 or PHYSICS 1505	College Physics I or Astronomy	3
HST 101	Western Civilization I	3	HISTORY 1100	Early Western Civilization	3
HST 102	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
HST 105 or HST 106	American History to 1865 or American History fromn 1865	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
ECN 102 or ECN 101	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomice	3
LAL 252	Children's Literature for the Elementary Teacher	3	EDUC 3430	Diverse Literature for Children	3
ART 101 or ART 102 or MUS 101 or MUS 102	Art Survey and Appreciation I or Art Survey and Appreciation II or Fundamentals of Music or Music Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Understanding and Appreciation	3
	World History Elective	3		World History Elective	3
	American History Elective	3		American History Elective	3
	Group 2 Major Requirements	42		Group 2 Major Requirements	39
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	81		Total Hours*	76

\*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

Moberly Area Community College		Semester	Missouri S&T		
MTH 101	Precalculus Algebra	3	MATH 1140	College Algebra	3
BIO 101	Biology	4	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
PHY 121 or PHY 163 or PHY 162	General Chemistry I (5) or Geology (4) or General Astronomy (3)	3	CHEM 1310 or GEOLOGY 1110 or PHYSICS 1505	General Chemistry (4) or Physical and Environmental Geology (3) or Introductory Astronomy (3) or	3
ITC 125 or or ITC 243 or ITC 244 or ITC 247 or ITC 220	Object Oriented Programming I or Object- Oriented Programming II: Java or Object Oriented Programming : C# or Python Programming or Programming II	3	CS 1500 or CS 1500 or CS 1500 or CS 1500 or CS 1971,1981	Computational Problem Solving (preferred) or Computational Problem Solving (preferred) or Computational Problem Solving (preferred) or Computational Problem Solving (preferred) or Intro to Programming Methodology and Lab	3
ART 101 or ART 102 or MUS 101 or MUS 102 or DRM 120	Art Survey and Appreciation I or Art Survey and Appreciation II or Fundamentals of Music or Music Appreciation or Theatre Appreciation	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECN 102 or ECN 101	Microeconomics or 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	28		Group 2 Major Requirements	29
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	67		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

Moberly Area Community College		Semester	Missouri S&T		
BIO 101	Biology	4	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
PHY 163	Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 121 or PHY 181 or PHY 162	General Chemistry I (5) or General Physics I (5) or General Astronomy (3)	3	CHEM 1310 or PHYSICS 1145 or PHYSICS 1505	General Chemistry (4) or College Physics I (4) or Introductory Astronomy (3) or	3
MTH 101	Precalculus Algebra	3	MATH 1140	College Algebra	3
MTH 145	College Trigonometry	3	MATH 1160	Trigonometry	2
MTH 201	Analytic Geometry and Calculus I	5	MATH 1214	Calculus I	4
MTH 202	Analytic Geometry and Calculus II	5	MATH 1215	Calculus II	4
ITC 125 or ITC 243 or ITC 244 or ITC 247 or ITC 220	Object Oriented Programming I or Object- Oriented Programming II: Java or Object Oriented Programming : C# or Python Programming or Programming II	3	CS 1500 or CS 1500 or CS 1500 or CS 1500 or CS 1971,1981	Computational Problem Solving (preferred) or Computational Problem Solving (preferred) or Computational Problem Solving (preferred) or Computational Problem Solving (preferred) or Intro to Programming Methodology and Lab	3
MATH 160	Elementary Statistics	3	STAT 1115	Statistics for the Social Sciences I	3
ART 101 or ART 102 or MUS 101 or MUS 102 or DRM 120	Art Survey and Appreciation I or Art Survey and Appreciation II or Fundamentals of Music or Music Appreciation or Theatre Appreciation	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECN 102 or ECN 101	Microeconomics or 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	42		Group 2 Major Requirements	39
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	81		Total Hours*	76

\*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

Moberly Area Community College		Semester	Missouri S&T		
BIO 101 or	Biology or	4	BIOL 1113, 1219 or	General Biology and Lab or	5
BIO 155	General Biology for Majors I		BIOL1213, 1219	Principles of Biology and Lab	
PHY 163	Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 181 or	General Physics I (5) or		PHYSICS 1145 or	College Physics I (4) or	
PHY 162	General Astronomy (3)	3	PHYSICS 1505	Introductory Astronomy (3) or	3
PHY 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
MTH 101	Precalculus Algebra	3	MATH 1140	College Algebra	3
MTH 160	Elementary Statistics	3	STAT 1115	Statistics for the Social Sciences I	3
ART 101 or	Art Survey and Appreciation I or		ART 1180 or	Art Appreciation or	
ART 102 or	Art Survey and Appreciation II or		MUSIC 1150 or	Music Understanding and Appreciation or	
MUS 101 or	Fundamentals of Music or	3	THEATRE 1190	Theatre via Video	3
MUS 102 or	Music Appreciation or				
DRM 120	Theatre Appreciation				
ECN 102 or	Microeconomics or	3	ECON 1100 or	Principles of Microeconomics or	
ECN 101	Macroeconomics		ECON 1200	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	31		Group 2 Major Requirements	31
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	70		Total Hours*	68

\*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

Moberly Area Community College		Semester	Missouri S&T		
BIO 101	Biology	4	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
PHY 121 or	General Chemistry I (5) or		CHEM 1310 or	General Chemistry (4) or	
PHY 163 or	Geology (4) or	3	GEOLOGY 1110 or	Physical and Environmental Geology (3)	3
PHY 181 or	General Physics I (5) or		PHYSICS 1145 or	College Physics I (4) or	
PHY 162	General Astronomy (3)	3	PHYSICS 1505	Introductory Astronomy (3)	3
MTH 101	Precalculus Algebra	3	MATH 1140	College Algebra	3
ITC 125 or	Object Oriented Programming I or		CS 1500 or	Computational Problem Solving (preferred) or	
ITC 243 or	Object- Oriented Programming II: Java or		CS 1500 or	Computational Problem Solving (preferred) or	
ITC 244 or	Object Oriented Programming : C# or	3	CS 1500 or	Computational Problem Solving (preferred) or	3
ITC 247 or	Python Programming or		CS 1500 or	Computational Problem Solving (preferred) or	
ITC 220	Programming II		CS 1971,1981	Intro to Programming Methodology and Lab	
HST 101 or	Western Civilization I or	3	HISTORY 1100 or	Early Western Civilization or	3
HST 102	Western Civilization II		HISTORY 1200	Modern Western Civilization	
HST 105 or	American History to 1865 or	3	HISTORY 1300 or	American History to 1877 or	3
HST 106	American History fromn 1865		HISTORY 1310	American History since 1877	
ART 101 or	Art Survey and Appreciation I or		ART 1180 or	Art Appreciation or	
ART 102 or	Art Survey and Appreciation II or		MUSIC 1150 or	Music Understanding and Appreciation or	
MUS 101 or	Fundamentals of Music or	3	THEATRE 1190	Theatre via Video	3
MUS 102 or	Music Appreciation or				
DRM 120	Theatre Appreciation				
ECN 102 or	Microeconomics or	3	ECON 1100 or	Principles of Microeconomics or	
ECN 101	Macroeconomics		ECON 1200	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	34		Group 2 Major Requirements	35
	Group 1 Core Requirements	39		Group 1 Core Requirements	37
	Total Hours	73		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/>.**