

Crowder 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>Crowder College</u>			<u>Semester</u>	<u>Missouri S&T</u>		
ENGL 101	English Composition	3	ENG 1120	Exposition and Argumentation	3	
ENGL 102	Advanced English Composition	3	ENG 1160	Writing and Research	3	
COMM 104	Fundamentals of Speech	3	SP&MS 1185	Principles of Speech	3	
ENGL 240 or	British Literature I or		ENGLISH 1211 or	British Literature I: The Beginnings to 1800 or		
ENGL 230 or	Survey of American Literature I or	3	ENGLISH 1221 or	American Literature: 1600 to 1865 or	3	
ENGL 222 or	World Literature I (or other literature elective)		ENGLISH 1231	World Literature I (or other literature elective)		
PHIL 101 or	Intro to Western Philosophy or		PHILOS 1105 or	Self and World: Intro to Philosophy or		
PHIL 201	Logic	3	PHILOS 1115	Logic and Reasoning: An Introduction	3	
GEOG 111	World Regional Geography	3	HISTORY 2110	World Regional Geography	3	
PLSC 103	National, State, Local Government	3	POL SCI 1200	American Government	3	
PSYC 101	General Psychology	3	PSYCH 1101	General Psychology	3	
EDUC 125	Intro to Education	3	EDUC 1040	Perspectives in Education	3	
EDUC 220	Educational Field Experience	2	EDUC 1104	Teacher Field Experience I	1	
EDUC 231	Educational Psychology	3	PSYCH 2300	Educational Psychology	3	
PSYC 211	Lifespan Development	3	PSYCH 3310	Developmental Psychology	3	
EDUC 240	Education of Exceptional Learners	3	EDUC 2310	Education of the Exceptional Child	3	
Total Hours 38			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>Crowder College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology (3) and Lab (2)	5
CHEM 111 or GEOL 115	General Chemistry I (5) or Intro to Geology (4)	4	CHEM 1310, 1319 or GEOLOGY 1110	General Chemistry I and Lab or Physical and Environmental Geology	3
MATH 135	Algebra for Calculus (or higher level math)	3	MATH 1140	College Algebra (or higher level math)	3
PHYS 105	Descriptive Astronomy	3	PHYSICS 1505	Astronomy	3
HIST 101 or HIST 102 or HIST 106 or HIST 107	Western Civilization I or Western Civilization II or US History I or US History II	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
EDUC 206	Literature for Children	3	EDUC 3430	Diverse Literature for Children	3
ART 101 or MUSC 101	Art Appreciation or Music Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Understanding and Appreciation	3
	Group 2 Major Requirements	24		Group 2 Major Requirements	23
	Group 1 Core Requirements	38		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>Crowder College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology (3) and Lab (2)	5
CHEM 111 or GEOL 115	General Chemistry I (5) or Intro to Geology (4)	4	CHEM 1310, 1319 or GEOLOGY 1110	General Chemistry I and Lab or Physical and Environmental Geology	3
MATH 135	Algebra for Calculus (or higher level math)	3	MATH 1140	College Algebra (or higher level math)	3
PHYS 105	Descriptive Astronomy	3	PHYSICS 1505	Astronomy	3
HIST 101	Western Civilization I	3	HISTORY 1100	Early Western Civilization	3
HIST 102	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
HIST 106 or HIST 107	US History I or US History II	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
ECON 202 or ECON 201	Principles of Economics II (Micro) or Principles of Economics I (Macro)	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
EDUC 206	Literature for Children	3	EDUC 3430	Diverse Literature for Children	3
ART 101 or MUSC 101	Art Appreciation 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	39		Group 2 Major Requirements	38
	Group 1 Core Requirements	38		Group 1 Core Requirements	37
	Total Hours	77		Total Hours*	75

*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>Crowder College</u>	<u>Semester</u>	<u>Missouri S&T</u>		
MATH 108 or MATH 135	Basic and Intermediate Algebra (5) or Algebra for Calculus (3)	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3
BIOL 101	General Biology	BIO SCI 1113, 1219	General Biology (3) and Lab (2)	5
PHYS 105 or CHEM 111 or GEOL 115	Descriptive Astronomy (3) or General Chemistry I (5) or Intro to Geology (4)	PHYSICS 1505 or CHEM 1310 or GEOLOGY 1110	Introductory Astronomy (3) or General Chemistry (4) or Physical and Environmental Geology (3) or	3
CMP 111	Intro to Computer Science	CS 1500	Computational Problem Solving	3
ART 101 or MUSC 101 or TA 205	Art Appreciation or Music Appreciation or Intro to Theatre	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECON 202 or ECON 201	Principles of Economics II (Micro) or Principles of Economics I (Macro)	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
Literature Elective	Literature Elective	Literature Elective	Literature Elective	3
UL Literature Elective	Upper Level Literature Elective	UL Literature Elective	Upper Level Literature Elective	3
Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3
	Group 2 Major Requirements		Group 2 Major Requirements	29
	Group 1 Core Requirements		Group 1 Core Requirements	37
	Total Hours		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>Crowder College</u>	<u>Semester</u>	<u>Missouri S&T</u>		
BIOL 101	General Biology	BIO SCI 1113, 1219	General Biology (3) and Lab (2)	5
GEOL 115	Geology	GEOLOGY 1110	Physical and Environmental Geology	3
PHYS 105 or CHEM 111	Descriptive Astronomy (3) or General Chemistry I (5)	PHYSICS 1505 or CHEM 1310	Introductory Astronomy (3) or General Chemistry (4)	3
MATH 108	Basic and Intermediate Algebra	MATH 1103	Fundamentals of Algebra	3
MATH 135	Algebra for Calculus	MATH 1140	College Algebra	3
MATH 112	Trigonometry	MATH 1160	Trigonometry	2
MATH 150, 160	Calculus Part 1 and 2	MATH 1214	Calculus I	4
MATH 201	Calculus II	MATH 1215	Calculus II	4
CMP 111	Intro to Computer Science	CS 1500	Computational Problem Solving	3
MATH 130 or BSAD 236	Elementary Statistics or Business Statistics	STAT 1115	Statistics for the Social Sciences I	3
ART 101 or MUSC 101 or TA 205	Art Appreciation or Music Appreciation or Intro to Theatre	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ECON 202 or ECON 201	Principles of Economics II (Micro) or Principles of Economics I (Macro)	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	Humanities Elective	Humanities: philosophy, fine art, literature, foreign language	3
	Group 2 Major Requirements		Group 2 Major Requirements	42
	Group 1 Core Requirements		Group 1 Core Requirements	37
	Total Hours		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>Crowder College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology (3) and Lab (2)	5
GEOL 115	Geology	5	GEOLOGY 1110	Physical and Environmental Geology (3)	3
PHYS 105	Descriptive Astronomy	3	PHYSICS 1505	Astronomy	3
CHEM 111	General Chemistry	5	CHEM 1310, 1319	General Chemistry I and Lab	5
MATH 108 or MATH 135	Basic and Intermediate Algebra (5) or Algebra for Calculus (3)	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3
MATH 130 or BSAD 236	Elementary Statistics or Business Statistics	3	STAT 1115	Statistics for the Social Sciences I	3
ART 101 or MUSC 101 or TA 205	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 202 or ECON 201	Principles of Economics II (Micro) or Principles of Economics I (Macro)	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	33		Group 2 Major Requirements	31
	Group 1 Core Requirements	38		Group 1 Core Requirements	37
	Total Hours	71		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

<u>Crowder College</u>		<u>Semester</u>	<u>Missouri S&T</u>		
BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology (3) and Lab (2)	5
PHYS 105 or CHEM 111 or GEOL 115	Descriptive Astronomy (3) or General Chemistry I (5) or Intro to Geology (4)	3	PHYSICS 1505 or CHEM 1310 or GEOLOGY 1110	Introductory Astronomy (3) or General Chemistry (4) or Physical and Environmental Geology (3) or	3
MATH 108 or MATH 135	Basic and Intermediate Algebra (5) or Algebra for Calculus (3)	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra	3
CMP 111	Intro to Computer Science	4	CS 1500	Computational Problem Solving	3
HIST 101 or HIST 102	Western Civilization I or Western Civilization II	3	HISTORY 1100 or HISTORY 1200	Early Western Civilization or Modern Western Civilization	3
HIST 106 or HIST 107	US History I or US History II	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
ART 101 or MUSC 101 or TA 205	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 202 or ECON 201	Principles of Economics II (Micro) or Principles of Economics I (Macro)	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	36		Group 2 Major Requirements	35
	Group 1 Core Requirements	38		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/>.