

# Metropolitan Community Colleges — Missouri S&T

## Elementary Education - STEM Focus

### Effective Fall 2017

The following course work will apply to Missouri S&T degree requirements as outlined below.  
Students are not required to complete all course work before transferring to Missouri S&T.

#### Metropolitan Community Colleges

#### Missouri S&T

#### General Education (Take all courses)

Metropolitan Community Colleges		Missouri S&T	
General Education (Take all courses)			
ART 108	Survey of Art	3	ART 1180 Art Appreciation 3
BIOL 101	General Biology	5	BIO SCI 1113, 1219 General Biology and Lab 5
CSIS 123	Programming Fundamentals C++	3	CS 1971, 1981 Intro to Programming Method and Lab (C++) 3
ECON 211 or ECON 210	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200 Principles of Microeconomics or Principles of Macroeconomics 3
ENGL 101	Composition and Reading I	3	ENGLISH 1120 Exposition and Argumentation 3
ENGL 102	Composition and Reading II	3	ENGLISH 1160 Writing and Research 3
HIST 133	Foundations of Western Civilization	3	HISTORY 1100 Early Western Civilization 3
HIST 134	Western Civilization II	3	HISTORY 1200 Modern Western Civilization 3
HIST 120 or HIST 121	United States History to 1865 or United State History since 1865	3	HISTORY 1300 or HISTORY 1310 American History to 1877 or American History since 1877 3
GEOG 105	World Geography	3	HISTORY 2110 World Regional Geography 3
MATH 120	College Algebra or higher level math		MATH 1140 College Algebra or higher level math 3
MUSI 108	Music Appreciation	3	MUSIC 1150 Music Appreciation 3
PHYS 130 or PHSC 102	General Physics I or Physical Science II	5	PHYSICS 1145 or PHYSICS 1505 College Physics I or Astronomy 3
PSYC 140	General Psychology	3	PSYCH 1101 General Psychology 3
PSYC 241	Human Development	3	PSYCH 3310 Developmental Psychology 3
POLS 136	Introduction to American Politcs	3	POL SCI 1200 American Government 3
COMM 100	Fundamentals of Speech	3	SPMS 1185 Principles of Speech 3
PHIL 100 or PHIL 200	Introduction to Philosophy or Logic	3	PHILOS 1105 or PHILOS 1115 Introduction to Philosophy or Intro to Logic 3
EDUC 270	Educational Psychology	3	PSYCH 2300 or EDUC 2102 Educational Psychology 3
ENGL 222	American Literature I	3	ENGLISH 1221 American Literature 1600 to 1865 or other literature elective 3
EDUC 100	Introduction to Education	2	EDUC 1040 Perscpectives in Education 2
		Total Hours	Total Hours 62

**\*Teacher Certification Notes:** Passing scores on MoGEA and MoCA are required. Students must maintain a minimum 2.75 cumulative GPA and a minimum 3.0 content GPA. Students completing this program will have a BA degree in Multidisciplinary Studies with an elementary education teacher certification.

#### Maximum credit hours to be transferred to Missouri S&T degree requirements.

**64**

Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.  
Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.  
Students are not required to complete all courses on this guide before transferring to Missouri S&T.