

Mineral Area College — 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.

Mineral Area College

Missouri S&T

General Education (Take all courses)

ART 1490	History of Art I	3	ART 1180	Art Appreciation	3
BIO 1150	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab	5
CSC 2400	Computer Programming in C++	3	CS 1971, 1981	Intro to Programming Method and Lab (C++)	3
BUS 2940 or BUS 2930	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
ENG 1330	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 1340	English Composition II	3	ENGLISH 1160	Writing and Research	3
HIS 1130	Western Civilization I		HISTORY 1100	Early Western Civilization	3
HIS 1140	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
HIS 1230 or HIS 1240	American History I or American History II	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
GEO 1130	Regional World Geography	3	HISTORY 2110	World Regional Geography	3
MAT 1230	College Algebra or higher level math	3	MATH 1140	College Algebra or higher level math	3
MUS 1630	Appreciation of Music	3	MUSIC 1150	Music Appreciation	3
PHS 1420 or PHS 1200	College Physics I or Intro to Astronomy	4	PHYSICS 1145 or PHYSICS 1505	College Physics I or Astronomy	3
PSY 1130	General Psychology I	3	PSYCH 1101	General Psychology	3
PSY 1250	Human Growth and Development	3	PSYCH 3310	Developmental Psychology	3
POS 1180	American Political Systems	3	POL SCI 1200	American Government	3
ENG 1440	Public Speaking	3	SPMS 1185	Principles of Speech	3
PHI 1400	Intro to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
EDU 2320	Educational Psychology	3	PSYCH 2300 or EDUC 2102	Educational Psychology	3
ENG 2430	American Literature I	3	ENGLISH 1221	American Literature 1600 to 1865 or other literature elective	3
EDU 2040	Foundations of Education	3	EDUC 1040	Perspectives 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.

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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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of the 2017/2018 academic year. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.