

East Central 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.

East Central College

Missouri S&T

General Education (Take all courses)

ART 101	Art Appreciation	3	ART 1180	Art Appreciation	3
BIO 111	General Biology I and Lab	5	BIO SCI 1113, 1219	General Biology and Lab	5
ECO 102 or ECO 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
CIV 201	European Civilization I	3	HISTORY 1100	Early Western Civilization	3
CIV 202	European Civilization II	3	HISTORY 1200	Modern Western Civilization	3
HST 101 or HST 102	US History to 1865 or US History 1865-1945	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
MTH 183	College Algebra	3	MATH 1140	College Algebra or higher level math	3
MUS 101	Music Appreciation	3	MUSIC 1150	Music Appreciation	3
PHY 111	College Physics I Lecture	3	PHYSICS 1145	College Physics I	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
PSY 250	Human Development	3	PSYCH 3310	Developmental Psychology	3
PSC 102	US Government: National and State	3	POL SCI 1200	American Government	3
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
PHL 101	Introduction to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
EDU 241	Educational Psychology	3	PSYCH 2300 or EDUC 2102	Educational Psychology	3
ENG 221	Survey American Lit: Colonial to 1865	3	ENGLISH 1221	American Literature 1600 to 1865 or other literature elective	3
EDU 201 or EDU 214	Foundations of Education or Multicultural Education	3	EDUC 1040	Perspectives in Education	2
EDU 13	Literature for Children	3	EDUC 2001	Children's Literature	3
		Total Hours			Total Hours
		62			61

***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.