

Mineral Area College — Missouri S&T

Environmental Sciences BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

Mineral Area College

Missouri S&T

Communication Skills (Take all courses)

ENG 1330	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 1340	English Composition	3	ENGLISH 1160	Writing and Research	3
ENG 1440	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

Social Sciences (Take all courses)

POS 1180	American Political Systems	3	POL SCI 1200	American Government	3
PSY 1130	General Psychology I	3	PSYCH 1101	General Psychology	3
HIS 1140 or HIS 1230 or HIS 1240 or POS 1180	Western Civilization II or American History I or American History II or American Political Systems	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
Total Hours			Total Hours		
9			9		

Humanities (Take all courses)

ART 1490 or MUS 1630	History of Art I or Appreciation of Music	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Appreciation	3
PHI 1400	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
ENG 2330 or ENG 2430 or ENG 2492	English Literature I or American Literature I or Women's Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 2242	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or Literature by Women (or other literature elective)	3
Total Hours			Total Hours		
9			9		

Mathematics and Sciences (Take all courses)

MAT 1230	College Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher math)	3
PHS 1350	General Chemistry I	5	CHEM 1310	General Chemistry I	4
BIO 1150	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab	4
BIO 1430	Environmental Science	3	BIO SCI 1173	Intro to Environmental Sciences	3
PHS 1420 or PHS 2230	College Physics I or General Physics I	4	PHYSICS 1145 or PHYSICS 1135	College Physics I (3) or Engineering Physics I (4)	3
Total Hours			Total Hours		
20			17		

Teacher Certification Requirements (Take all courses)

EDU 2040	Foundations of Education	3	EDUC 1040	Perspectives in Education	2
EDU 2320	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSY 1250	Human Growth and Development	3	PSYCH 3310	Developmental Psychology	3
EDU 2500	Education of Exceptional Learner	3	PSYCH 4310	Psychology of the Exceptional Child	3
Total Hours			Total Hours		
11			11		

Major/Additional Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

GEO 1130	Regional World Geography	3	HISTORY 2110	World Regional Geography	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
PHS 1200	Intro to Astronomy	3	PHYSICS 1505, 1509	Introductory Astronomy and Lab	4

Professional Requirements for Teacher Education Program: Please view all program requirements at <https://teachereducation.mst.edu/secondaryeducation/>.

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

60

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.