

Metropolitan Community College — Missouri S&T

Environmental Sciences BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

Metropolitan Community College

Missouri S&T

Communication Skills (Take all courses)

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
COMM 100	Fundamentals of Speech	3	SPMS 1185	Principles of Speech	3
Total Hours			9		

Social Sciences (Take all courses)

POLS 136	Introduction to American Politics	3	POL SCI 1200	American Government	3
PSYC 140	General Psychology	3	PSYCH 1101	General Psychology	3
HIST 133 or HIST 134 or HIST 120 or HIST 121	Foundations of Western Civilization or Modern Western Civilization or United States History to 1865 or United States History since 1865	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			9		

Humanities (Take all courses)

ART 108 or MUSI 108	Survey of Art or Music Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Appreciation	3
PHIL 100	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
ENGL 220 or ENGL 222 or ENGL 254 or ENGL 268 or ENGL 260	British Literature to 1750 or American Literature I or World Literature I or Women's Literature or African-American Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2242 or ENGLISH 2245 or	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or Literature by Women or African American Literature (or other literature elective)	3
Total Hours			9		

Mathematics and Sciences (Take all courses)

MATH 120	College Algebra (or higher math)	3	MATH 1140	College Algebra (or higher math)	3
CHEM 111	General College Chemistry I	5	CHEM 1310	General Chemistry I	3
BIOL 101 or BIOL 123	General Biology or General Biology for Majors I	5	BIO SCI 1113/1219 or BIO SCI 1213/1219	General Biology and Lab or Principles of Biology and Lab	3
BIOL 102	Environmental Science	5	BIO SCI 1173	Intro to Environmental Sciences	3
PHYS 130 or PHYS 220	General Physics I or Engineering Physics I	5	PHYSICS 1145 or PHYSICS 1135	College Physics I (3) or Engineering Physics I (4)	3
Total Hours			13		
Total Hours			15		

Teacher Certification Requirements (Take all courses)

EDUC 100	Introduction to Education	2	EDUC 1040	Perspectives in Education	2
EDUC 270	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSYC 241	Human Development	4	PSYCH 3310	Developmental Psychology	3
EDUC 285	Education of Exceptional Learners	3	PSYCH 4310	Psychology of the Exceptional Child	3
Total Hours			11		

Major/Additional Requirements

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

GEOG 105	World Geography	3	HISTORY 2110	World Regional Geography	3
ECON 211 or ECON 210	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
GEOLOG 101	General Geology	5	GEOLOGY 1110	Physical and Environmental Geology	3
PHYS 102	General Astronomy	5	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.