

# State Fair Community College — Missouri S&T

## Environmental Science BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

### State Fair Community College

### Missouri S&T

#### Communication Skills (Take all courses)

ENGL 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
COM 101	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

#### Social Sciences (Take all courses)

POLS 101	American/National Government	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
HIST 108 or HIST 109 or HIST 101 or HIST 102	World Civilization Before 1500 or World Civilization After 1500 or US History Before 1877 or US History Since 1877	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 101 or MUS 101	Art Appreciation or Music Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Appreciation	3
PHIL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
LIT 112 or LIT 107 or LIT 109	World Literature or American Literature or British Literature (or other literature elective)	3	ENGLISH 1231 or ENGLISH 1221 or ENGLISH 1211	World Literature I or American Literature: 1600 to 1865 or British Literature I: The Beginnings to 1800 (or other literature elective)	3
Total Hours			Total Hours		
9			9		

#### Mathematics and Sciences (Take all courses)

MATH 114	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher math)	3
CHEM 123	General Chemistry I with Lab	5	CHEM 1310	General Chemistry I	4
BIO 112 or BIO 125	Intro to Biology with Lab or Biology I with Lab	5	BIOL 1113, 1219	General Biology (3) and Lab (2)	5
PHYS 105 or PHYS 118	College Physics I with Lab or General Physics I with Lab	5	PHYSICS 1145 or PHYSICS 1135	College Physics I (3) or Engineering Physics I (4)	3
Total Hours			Total Hours		
18			15		

#### Teacher Certification Requirements (Take all courses)

EDUC 209	Foundations of Education	3	EDUC 1040	Perspectives in Education	2
EDUC 220	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSY 210	Lifespan Development	3	PSYCH 3310	Developmental Psychology	3
EDUC 228	Education of Exceptional Learners Pre K-12	3	PSYCH 4310	Psychology of the Exceptional Child	3
Total Hours			Total Hours		
12			11		

#### Major/Additional Requirements

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

GEOG 101	World Regional Geography	3	HISTORY 2110	World Regional Geography	3
ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
BIO 126	Biology II with Lab	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
EASC 118	Environmental Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
EASC 120	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.