

# St. Louis Community College — Missouri S&T

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

Effective as of Fall 2023

### St. Louis Community College

### Missouri S&T

#### Communication Skills (Take all courses)

ENG 101	College Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	College Composition II	3	ENGLISH 1160	Writing and Research	3
COM 107	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours		9	Total Hours		9

#### Social Sciences (Take all courses)

PSC 101	Intro to American Politics	3	POL SCI 1200	American Government	3
PSY 200	General Psychology	3	PSYCH 1101	General Psychology	3
HST 115 or HST 128 or HST 101 or HST 102	Ancient and Medieval History to 1500 or Western Civilization 1500 to Present or US History to 1865 or US History 1865 to Present	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	Total Hours		9

#### Humanities (Take all courses)

ART 100 or MUS 114	Art Appreciation or Music Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Appreciation	3
PHL 101	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
ENG 210 or ENG 204 or ENG 231 or ENG 216 or ENG 217	British Literature I or American Literature I or World Literature or Women in Literature or Major Black Writers (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	Total Hours		9

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

MTH 160	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher math)	3
CHM 105	General Chemistry I	5	CHEM 1310	General Chemistry I	4
BIO 111 or BIO 140	Intro to Biology I (4) or Principles of Biology I (5) (or other biological science)	4	BIO SCI 1113, 1219 or BIO SCI 1213, 1219	General Biology (3) and Lab (2) or Principles of Biology (3) and Lab (2) (or other biological science)	5
PHY 111 or PHY 122	College Physics I (4) or Engineering Physics I (5)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I (3) or Engineering Physics I (4)	3
Total Hours		16	Total Hours		15

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

EDU 211	Foundations of Education in a Diverse Society	3	EDUC 1040	Perspectives in Education	2
EDU 227	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSY 205	Human Growth and Development	3	PSYCH 3310	Developmental Psychology	3
EDU 219	Education of Exceptional Learners	3	PSYCH 4310	Psychology of the Exceptional Child	3
Total Hours		12	Total Hours		11

#### Major/Additional Requirements

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

GEG 101	Regional Geography	3	HISTORY 2110	World Regional Geography	3
ECO 152 or ECO 151	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
BIO 141	Principles of Biology II	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
GEO 111	Physical Geology	5	GEOLOGY 1110	Physical and Environmental Geology	3
PSI 111	Intro to Astronomy I	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.