

St. Charles Community College — Missouri S&T

Environmental Sciences BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

St. Charles Community College

Missouri S&T

Communication Skills (Take all courses)

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
COM 106	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours			Total Hours
		9			9

Social Sciences (Take all courses)

POL 101	American Government	3	POL SCI 1200	American Government	3
PSY 101	Intro to Psychology	3	PSYCH 1101	General Psychology	3
HIS 145 or HIS 146 or HIS 101 or HIS 102	Western Civ: Ancient and Medieval Heritage or Western Civ: Modern European Heritage or US History to 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 1001 or MUS 111	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
LIT 250 or LIT 210 or LIT 272 or LIT 223	English Literature Before 1800 or American Literature From 1620-1865 or World Lit-Ancient World thru Renaissance or African American Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2245 or	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or African American Literature (or other literature elective)	3
		Total Hours			Total Hours
		9			9

Mathematics and Sciences (Take all courses)

MAT 158	College Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher math)	3
CHM 115	General Chemistry I	5	CHEM 1310	General Chemistry I	3
BIO 150	General Biology: Cells to Organisms	5	BIO SCI 1113, 1219	General Biology and Lab	4
BIO 122	Environmental Sciences	3	BIO SCI 1173	Intro to Environmental Sciences	3
PHY 150 or PHY 250	General Physics I (3) or Engineering Physics I (5)	3	PHYSICS 1145 or PHYSICS 1135	College Physics I (3) or Engineering Physics I (4)	3
		Total Hours			Total Hours
		19			16

Teacher Certification Requirements (Take all courses)

EDU 212	Foundations of Education in a Diverse Society	3	EDUC 1040	Perspectives in Education	2
EDU 240	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSY 110	Human Growth and Development	3	PSYCH 3310	Developmental Psychology	3
EDU 250	Education of Exceptional Learners	3	PSYCH 4310	Psychology of the Exceptional Child	3
		12			Total Hours
					11

Major/Additional Requirements

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

GEO 110	Geography for Educators	3	HISTORY 2110	World Regional Geography	3
ECO 120 or ECO 110	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
BIO 151	General Biology: Organisms to Environment	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
PHY 125	Intro to Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 130	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.