

State Fair Community College — Missouri S&T

Environmental Science BS with Secondary Education Teacher Certification in Earth Science

Transfer Guide Effective as of Fall 2025

State Fair Community College

Missouri S&T

Communication Skills

Take all courses.

Take all courses:					
ENGL 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102 or ENGL 112	English Composition II or Technical Writing	3	ENGLISH 1160 or ENGLISH 3560	Writing and Research or Technical Writing	3
		Total Hours	6	Total Hours	6

Humanities and Social Sciences

Take all courses.

Take an course.					
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
HIST 108 or	World Civilization Before 1500 or	3	HISTORY 1100 or	Early Western Civilization or	3
HIST 109 or	World Civilization After 1500 or		HISTORY 1200 or	Modern Western Civilization or	
HIST 101 or	US History Before 1877 or		HISTORY 1300 or	American History to 1877 or	
HIST 102	US History Since 1877		HISTORY 1310	American History since 1877	
ECON 102	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PHIL 102	Ethics	3	PHILOS 1130	How Should I Live? An Intro to Ethics	3
		Total Hours	12		
				Total Hours	12

Mathematics and Sciences

Take all courses.

Take an courses:					
MATH 130 or MATH 131	Calculus and Analytic Geometry I or Calculus and Analytic Geometry II	5	MATH 1214 or MATH 1215	Calculus I or Calculus II	4
CHEM 123	General Chemistry I with Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 124	General Chemistry II with Lab	5	CHEM 1320, 1510*	General Chemistry II (3) and Qualitative Analysis (2) *CHEM 1510 is not an S&T degree requirement. Will transfer as general credit.	3
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 or Engineering Physics I	4
		Total Hours	20		
				Total Hours	16

Teacher Certification Requirements

Take all courses.

Take all courses:							
EDUC 209	Foundations of Education	3	EDUC 1074	Education in a Diverse Society	3		
EDUC 205	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1		
EDUC 220	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3		
PSY 210	Lifespan Development	3	PSYCH 3310	Developmental Psychology	3		
EDUC 228	Education of Exceptional Learners Pre K-12	3	EDUC 2310 or PSYCH 4310	Education of the Exceptional Child or Psychology of the Exceptional Child	3		
		Total Hours	15			Total Hours	13

Major/Additional Requirements

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

BIO 210	Principles of Genetics with Lab	5	BIO SCI 2223	General Genetics	3
EASC 118	Environmental Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
EASC 120	Intro to Astronomy	3	PHYSICS 1505	Introductory Astronomy	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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2025. Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.