

Crowder College — Missouri S&T

Environmental Science BS with Secondary Education Teacher Certification in Earth Science

Transfer Guide Effective as of Fall 2026

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

Crowder College

Missouri S&T

Communication Skills

Take all courses.

ENGL 101	English Composition	3	ENGLISH 1120	Exposition and Argumentation	3		
ENGL 102 or ENGL 203	Advanced English Composition or Technical Report 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.

PSYC 101	General Psychology	3	PSYCH 1101	General Psychology	3		
HIST 107	US History II	3	HISTORY 1310	American History since 1877	3		
ECON 202	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3		
PHIL 220	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.

MATH 150, 160	Calculus Part 1 and 2	5	MATH 1214	Calculus I	4		
CHM 111	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5		
CHEM 112	General Chemistry II	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 190	General Physics I	5	PHYSICS 1135	Engineering Physics I	4		
		Total Hours	15			Total Hours	16

Teacher Certification Requirements

Take all courses.

EDUC 125	Intro to Education	3	EDUC 1074	Education in a Diverse Society	3		
EDUC 251	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1		
EDUC 231	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3		
PSYC 211	Lifespan Development	3	PSYCH 3310	Developmental Psychology	3		
EDUC 240	Education of Exceptional Learners	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.

GEOG 111	World Regional Geography	3	GEOLOGY 1110	Physical and Environmental Geology	3
PHYS 105	Descriptive 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.

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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.
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This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2026.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.