

# Crowder College — Missouri S&T

## Environmental Science BS with Secondary Education Teacher Certification in Earth Science

Transfer Guide Effective as of Fall 2025

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 Englished 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 101 or HIST 102 or HIST 106 or HIST 107	Western Civilization I or Western Civilization II or US History I or US History II	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
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 or MATH 201	Calculus Part 1 and 2 or Calculus II	5	MATH 1214 or MATH 1215	Calculus I or Calculus II	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 20			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 <a href="https://teachereducation.mst.edu/secondaryeducation/">https://teachereducation.mst.edu/secondaryeducation/</a> .					
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 <a href="https://transfer.mst.edu">transfer.mst.edu</a> , <a href="mailto:transfer@mst.edu">transfer@mst.edu</a> , or 800-522-0938.					