

Crowder College — Missouri S&T

Environmental Sciences BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

Crowder College

Missouri S&T

Communication Skills (Take all courses)

ENGL 101	English Composition	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	Advanced English Composition	3	ENGLISH 1160	Writing and Research	3
COMM 104	Fundamentals of Speech	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

Social Sciences (Take all courses)

PLSC 103	National, State, Local Government	3	POL SCI 1200	American Government	3
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
Total Hours			Total Hours		
9			9		

Humanities (Take all courses)

ART 101 or MUSC 101	Art Appreciation or Music Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Appreciation	3
PHIL 101	Intro to Western Philosophy	3	PHILOS 1105	Intro to Philosophy	3
ENGL 240 or ENGL 230 or ENGL 222 or	British Literature I or Survey of American Literature I or World Literature I (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I (or other literature elective)	3
Total Hours			Total Hours		
9			9		

Mathematics and Sciences (Take all courses)

MATH 135	Algebra for Calculus (or higher level math)	3	MATH 1140	College Algebra (or higher math)	3
CHM 111	General Chemistry I	5	CHEM 1310	General Chemistry I	4
BIOL 101	General Biology	4	BIO SCI 1113,1219	General Biology and Lab	5
PHYS 190	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
Total Hours			Total Hours		
17			16		

Teacher Certification Requirements (Take all courses)

EDUC 125	Intro to Education	3	EDUC 1040	Perspectives in Education	2
EDUC 231	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSYC 211	Lifespan Development	3	PSYCH 3310	Developmental Psychology	3
EDUC 240	Education of Exceptional Learners	3	PSYCH 4310	Psychology of the Exceptional Child	3
Total Hours			Total Hours		
12			11		

Major/Additional Requirements

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

GEOG 111	World Regional Geography	3	HISTORY 2110	World Regional Geography	3
ECON 202 or ECON 201	Principles of Economics II (Micro) or Principles of Economics I (Macro)	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
GEOL 115	Intro to Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
PHYS 105	Descriptive Astronomy	3	PHYSICS 1505	Introductory Astronomy	3

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.