

Ozarks Technical College — Missouri S&T

Environmental Sciences BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

Ozarks Technical College

Missouri S&T

Communication Skills (Take all courses)

ENG 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	Composition II	3	ENGLISH 1160	Writing and Research	3
COM 105	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

Social Sciences (Take all courses)

PLS 101	American Government and Politics	3	POL SCI 1200	American Government	3
PSY 110	Intro to Psychology	3	PSYCH 1101	General Psychology	3
HST 105 or HST 106 or HST 120 or HST 130	World History I or World History II or US History I: to 1865 or US History II: 1865-Present	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 100 or MUS 105	Art and Experience or Western 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
ENG 340 or ENG 350 or ENG 260	Survey of English Literature I or Survey of American Literature I or Survey of 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 130	College Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher math)	3
CHM 160	General Chemistry	4	CHEM 1310	General Chemistry I	3
BIO 100 or BIO 160	Life Science (4) or General Biology I (4)	4	BIO SCI 1113, 1219	General Biology and Lab	3
BIO 150 or ATS 112	Environmental Science (4) or Intro to Environmental Science (3)	3	BIO SCI 1173	Intro to Environmental Sciences	3
PHY 120 or PHY 220	General Physics I (4) or Physics for Engineers and Scientists I (5)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I (3) or Engineering Physics I (4)	3
Total Hours			Total Hours		
18			15		

Teacher Certification Requirements (Take all courses)

EDU 220	Foundations of Education	3	EDUC 1040	Perspectives in Education	2
EDU 250	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSY 130	Life Span Developmental Psychology	3	PSYCH 3310	Developmental Psychology	3
EDU 260	Education Exceptional Learner	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.

GRY 101	World Geography I	3	HISTORY 2110	World Regional Geography	3
ECO 275 or ECO 270	Principles of Economics II or Principles of Economics I	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
BIO 170	General Biology II	4	BIO SCI 1223, 1229	Biodiversity and Lab	4
PHY 110	Intro to Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 115	Intro to Astronomy	4	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.