

# Metropolitan Community College — Missouri S&T

## Environmental Sciences BS Transfer Guide

Effective as of Fall 2023

### Metropolitan Community College

### Missouri S&T

#### Communication Skills (Take all courses)

ENGL 101	Composition and Reading I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	Composition and Reading II	3	ENGLISH 1160	Writing and Research	3
		Total Hours	6		
				Total Hours	6

#### Mathematics and Science (Take all courses)

MATH 175 or	Survey of Calculus or	5	MATH 1212 or	Survey Calculus or	4
MATH 180	Analytic Geometry & Calculus I		MATH 1214	Calculus I	
CHEM 111	General College Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 112	General College Chemistry II	5	CHEM 1320	General Chemistry II	3
ENGR 215	Engineering Statistics and Computation	3	STAT 3115	Engineering Statistics	3
PHYS 130 or	General Physics I or	5	PHYSICS 1145 or	College Physics I or	4
PHYS 220	Engineering Physics I		PHYSICS 1135	Engineering Physics I	
GEOL 101	General Geology	5	GEOLOGY 1110	Physical and Environmental Geology	3
BIOL 102	Environmental Science	5	BIO SCI 1173	Intro to Environmental Sciences	3
BIOL 204	Genetics	3	BIO SCI 2223	General Genetics	3
		Total Hours	36		
				Total Hours	28

#### Social Sciences and Humanities (Take all courses)

HIST 134 or	Western Civilization II or		HISTORY 1200 or	Modern Western Civilization or	
HIST 120 or	United States History to 1865 or	3	HISTORY 1300 or	American History to 1877 or	3
HIST 121	United States History since 1865		HISTORY 1310	American History Since 1877	
POL 136	Introduction to American Politics	3	POL SCI 1200	American Government	3
ECON 211	Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PHIL 203	Ethics	3	PHILOS 1130	How Should I Live? An Intro to Ethics	3
		Total Hours	12		
				Total Hours	12

#### Additional Degree Requirements

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

BIOL 202	Ecology	5	BIO SCI 2263	Ecology	3
BIOL 106	General Zoology	5	BIO SCI 2353	Zoology (applies to degree as upper division elective)	3
BIOL 104	General Botany	5	BIO SCI 2383	Plant Biology (applies to degree as upper division elective)	3
PHYS 102	General Astronomy	5	PHYSICS 1505, 1509	Introductory Astronomy and Lab (applies to degree as upper division elective)	4
Free Electives		5	Free Electives		5

#### Maximum credit hours to be transferred to Missouri S&T degree requirements.

61

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 2023. Further information or updates are available from Missouri S&T Transfer Admissions at [transfer@mst.edu](mailto:transfer@mst.edu), [transfer@mst.edu](mailto:transfer@mst.edu), or 800-522-0938.