

# St. Louis Community College — Missouri S&T

## Environmental Sciences BS Transfer Guide

Effective as of Fall 2023

### St. Louis Community College

### Missouri S&T

#### Communication Skills (Take all courses)

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

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

MTH 186 or MTH 210	Survey Calculus (4) or Analytical Geometry and Calculus I (5)	4	MATH 1212 or MATH 1214	Survey Calculus or Calculus I	4
CHM 105	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 106	General Chemistry II	5	CHEM 1320, 1510	General Chemistry II (3) and Qualitative Analysis (2)* <small>*Note: CHEM 1510 is not an S&amp;T degree requirement; course will transfer as elective credit.</small>	3
PHY 111 or PHY 122	College Physics I (4) or Engineering Physics (5)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4
GEO 111	Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
BIO 141	principles of Biology II	4	BIO SCI 1223, 1229	Biodiversity and Lab	4
BIO 225	Genetics	5	BIO SCI 2223	General Genetics	3
		Total Hours			Total Hours
		30			26

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

HST 128 or HST 101 or HST 102	Western Civilization 1500 to Present or US History to 1865 or US History 1865 to Present or	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877	3
PSC 101	Intro to American Politics	3	POL SCI 1200	American Government	3
ECO 152	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PHL 104	Ethics	3	PHILOS 1130	How Should I Live? An Intro to Ethics	3
		Total Hours			Total Hours
		12			12

#### Additional Degree Requirements

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

BIO 117	Conservation and Ecology	3	BIO SCI 2263	Ecology	3
BIO 124	General Botany I	4	BIO SCI 2383	Plant Biology (applies to degree as upper division elective)	3
PSI 111	Intro to Astronomy I	3	PHYSICS 1505	Introductory Astronomy	3
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](http://transfer.mst.edu), or 800-522-0938.