

St. Charles Community College — Missouri S&T

Environmental Sciences BS Transfer Guide

Effective as of Fall 2023

St. Charles Community College

Missouri S&T

Communication Skills (Take all courses)

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

Mathematics and Science (Take all courses)

MAT 210 or MAT 180	Survey Calculus or Calculus and Analytic Geometry I	4	MATH 1212 or MATH 1214	Survey Calculus (4) or Calculus I (4)	4
CHM 115	General Chemistry I and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 116	General Chemistry II and Lab	5	CHEM 1320,1510*	General Chemistry II (3) and Qualitative Analysis* (2) *CHEM 1510 is not an S&T degree requirement; course will transfer as elective credit.	3
PHY 150 or PHY 250	General Physics I (3) or Engineering Physics I (5)	3	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4
PHY 125	Intro to Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
BIO 151	General Biology: Organisms to Environment	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
BIO 122	Environmental Sciences	3	BIO SCI 1173	Intro to Environmental Sciences	3
		Total Hours			Total Hours
		28			26

Social Sciences and Humanities (Take all courses)

HIS 146 or HIS 101 or HIS 102 or	Western Civ: Modern European Heritage US History to 1877 or US History Since 1877	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877	3
POL 101	American Government	3	POL SCI 1200	American Government	3
ECO 120	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PHL 160	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 123	General Zoology	3	BIO SCI 2353	Zoology (applies to degree as upper division elective)	3
PHY 130	Astronomy	3	PHYSICS 1505, 1509	Introductory Astronomy and Lab (applies to degree as upper division elective)	4
		Free Electives			Free Electives
		5			5

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

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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, transfer@mst.edu, or 800-522-0938.