

Jefferson College — Missouri S&T

Environmental Sciences BS Transfer Guide

Effective as of Fall 2023

Jefferson College

Missouri S&T

Communication Skills (Take all courses)

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

Mathematics and Science (Take all courses)

MTH 161 or MTH 180	Calculus for Business and Social Sciences (3) or Calculus I (5)	3	MATH 1212 or MATH 1214	Survey Calculus or Calculus I	4
CHM 111	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 112	General Chemistry II	5	CHEM 1320	General Chemistry II	3
PHY 111 or PHY 223	Elementary College Physics I (5) or General Physics I (4)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4
PHY 105	Physical Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
BIO 109	Ecology and Environmental Conservation	3	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 1201	Genetics	4	BIO SCI 2223	General Genetics	3
		Total Hours			Total Hours
		28			25

Social Sciences and Humanities (Take all courses)

HIST 102 or HIST 103 or HIST 104 or	Renaissance to Early Modern Europe or US History I or US History II	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877	3
PSC 102	US and Missouri Govt. and Constitution	3	POL SCI 1200	American Government	3
ECO 102	Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PHL 202	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.

PHY 106	Intro to Astronomy	3	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, transfer@mst.edu, or 800-522-0938.