

Jefferson College — Missouri S&T

Environmental Science BS

Transfer Guide Effective as of Fall 2025

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

Jefferson 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.

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, 1510*	General Chemistry II (3) and Qualitative Analysis (2) *CHEM 1510 is not a degree requirement, transfers as general elective credit.	3
PHY 111 or PHY 223	Elementary College Physics I (5) MOTR PHYS 150L or General Physics I (4)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I MOTR PHYS 150L 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

Humanities, Arts, and Social Sciences General Education Requirements

From the options listed in each group below, select 15 hours to include
6 hours Humanities and Fine Arts from at least two specific disciplines and
6 hours Behavioral and Social Sciences from at least two specific disciplines.

*At least one course must be selected from HISTORY 1200, 1300, 1310, or POL SCI 1200 to satisfy the State of Missouri government requirement.

Humanities and Fine Arts

Select 6 hours from at least two specific disciplines.

HST 103* or HST 104*	US History I to Reconstruction* or US History II from Reconstruction* *Satisfies the State of Missouri government requirement.	3	HISTORY 1300* or HISTORY 1310*	American History to 1877 or American History since 1877 *Satisfies the State of Missouri government requirement.	3
ENG 225 or ENG 226 or ENG 228 or ENG 229 or ENG 215 or ART 101 or MUS 121 or THT 100	English Literature before 1800 or English Literature after 1800 or American Literature before 1865 or American Literature after 1865 or World Literature before 1650 or Art Appreciation or Appreciation of Music or Theatre Appreciation	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231 or ART 1180 or MUSIC 1150 or THEATRE 1150	British Literature I: The Beginnings to 1800 or British Literature II: 1800 to Present American Literature: 1600 to 1865 or American Literature: 1865 to Present or World Literature I: Beginnings to the Renaissance or Art Appreciation or Music Understanding and Appreciation or Theatre for Social Change	3

Behavioral and Social Sciences

Take all courses.

PSC 102*	U.S. and Missouri Govt and Constitutions* *Satisfies the State of Missouri government requirement.	3	POL SCI 1200*	American Government* *Satisfies the State of Missouri government requirement.	3
ECO 102	Microeconomics	3	ECON 1100	Principles of Microeconomics	3

Humanities, Arts, and Social Sciences

PHL 202	Ethics	3	PHILOS 1130	How Should I Live? An Intro to Ethics	3
		Total Hours			Total Hours
		15			15

Additional Degree Requirements

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

Electives	Free Electives	5	Electives	Free Electives	5
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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 2025.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.