

St. Louis Community College — Missouri S&T

Environmental Science BS

Transfer Guide Effective as of Fall 2026

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

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 Applies to degree as Gen Ed communication requirement.	3
		Total Hours	6		
				Total Hours	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 (4) or Calculus I (4) *A maximum of 4 credit hours will apply to this degree requirement. Additional credit hours will apply to the degree totals as general elective credit.	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) *CHEM 1510 is not a degree requirement, transfers as general elective credit.	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	30		
				Total Hours	26

Humanities, Arts, and Social Sciences General Education Requirements

From the options listed in each group below, select 12 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 to include either HISTORY 1300 or 1310.

HST 101* or HST 102*	US History to 1865* or US History 1865 to Present* *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 211 or ENG 204 or ENG 205 or ENG 231 or HST 101* or HST 102* or ART 100 or MUS 114 or THT 101 or Literature	British Literature II or American Literature I or American Literature II or World Literature or US History to 1865* or US History 1865 to Present* or Art Appreciation or Music Appreciation or Intro to Theatre or Any literature with prerequisite of no more than English Composition I. *Satisfies the State of Missouri government requirement.	6	ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231 or HISTORY 1300* or HISTORY 1310* or ART 1180 or MUSIC 1150 or THEATRE 1190 or Literature	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 American History to 1877* or American History Since 1877* or Art Appreciation or Music Appreciation or Theatre via Video or Any literature with prerequisite of no more than ENGLISH 1120. *Satisfies the State of Missouri government requirement.	3

Behavioral and Social Sciences

Both ECON 1100 and POL SCI 1200 are required.

ECO 152	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PSC 101*	Intro to American Politics* *Satisfies the State of Missouri government requirement.	3	POL SCI 1200*	American Government* *Satisfies the State of Missouri government requirement.	3
		Total HASS Hours	12		
				Total HASS Hours	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
Electives	Free Electives	2	Electives	Free Electives	2

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

60

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.
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This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2026.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.