

Ozarks Technical 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.

Ozarks Technical Community College

Missouri S&T

Communication Skills

Take all courses.

ENG 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	Composition II	3	ENGLISH 1160	Writing and Research <small>Applies to degree as Gen Ed communication requirement.</small>	3
Total Hours					6
Total Hours					6

Mathematics and Science

Take all courses.

MTH 140	Analytic Geometry and Calculus I	5	MATH 1214	Calculus for Engineers I	4
CHM 160, 161	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 170	General Chemistry II	4	CHEM 1320	General Chemistry II	3
MTH 229	Statistics for Engineers and Scientists	3	STAT 3115*	Engineering Statistics* <small>*Will be substituted for the statistics requirement.</small>	3
PHY 120 or PHY 220	General Physics I (4) or Physics for Engineers and Scientists I (5)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4
PHY 110	Intro to Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
BIO 170	General Biology II	4	BIO SCI 1223, 1229	Biodiversity and Lab	4
BIO 105	Environmental Science	4	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 250	Genetics	4	BIO SCI 2223	General Genetics	3
Total Hours					37
Total Hours					32

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 120* or HST 130*	US History I: to 1865* or US History II: 1865-Present* <small>*Satisfies the State of Missouri government requirement.</small>	3	HISTORY 1300* or HISTORY 1310*	American History to 1877 or American History since 1877 <small>*Satisfies the State of Missouri government requirement.</small>	3
ENG 240 or ENG 241 or ENG 270 or ENG 271 or ENG 260 or ART 100 or MUS 105 or THR 101 or Literature	Survey of English Literature I or Survey of English Literature II or Survey of American Literature I or Survey of American Literature II or Survey of World Literature I or Art and Experience or Western Music Appreciation or Intro to Theater or Any literature with prerequisite of no more than English Composition I.	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231 or ART 1180 or MUSIC 1150 or THEATRE 1190 or Literature	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 Appreciation or Theatre via Video or Any literature with prerequisite of no more than ENGLISH 1120.	3

Behavioral and Social Sciences

Both ECON 1100 and POL SCI 1200 are required.

ECO 275	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PLS 101*	American Government and Politics* <small>*Satisfies the State of Missouri government requirement.</small>	3	POL SCI 1200*	American Government* <small>*Satisfies the State of Missouri government requirement.</small>	3
Total HASS Hours					15
Total HASS Hours					12

Additional Degree Requirements

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

BIO 275	Environmental Biology	4	BIO SCI 2263	Ecology	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.
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 2026.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.