

Ozarks Technical Community 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.

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	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, 1510*	General Chemistry II (3) and Qualitative Analysis (2) *CHEM 1510 is not a degree requirement, transfers as general elective credit.	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 150 or ATS 112	Environmental Science (4) or Intro to Environmental Science (3)	3	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 250	Genetics	4	BIO SCI 2223	General Genetics	3
		Total Hours	33		
				Total Hours	29

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 120* or HST 130*	US History I: to 1865* or US History II: 1865-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 240 or ENG 241 or ENG 270 or ENG 271 or ENG 260 or ART 100 or MUS 105 or THR 101	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	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.

PLS 101*	American Government and Politics* *Satisfies the State of Missouri government requirement.	3	POL SCI 1200*	American Government* *Satisfies the State of Missouri government requirement.	3
ECO 275	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3

Humanities, Arts, and Social Sciences

PHL 105	Intro to Ethics	3	PHILOS 1130	How Should I Live? An Intro to Ethics	3
		Total Hours	15		
				Total Hours	15

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