

Ozarks Technical College — Missouri S&T

Environmental Sciences BS Transfer Guide

Effective as of Fall 2023

Ozarks Technical 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			Total Hours
		6			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
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			Total Hours
		33			29

Social Sciences and Humanities (Take all courses)

HST 106 or HST 120 or HST 130	World History II or US History I: to 1865 or US History II: 1865-Present	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877	3
PLS 101	American Government and Politics	3	POL SCI 1200	American Government	3
ECO 275	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PHL 105	Intro to 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.

BIO 275	Environmental Biology	4	BIO SCI 2263	Ecology	3
PHY 115	Intro to Astronomy	4	PHYSICS 1505, 1509	Introductory Astronomy and Lab (applies to degree as upper division elective)	4
		Free Electives			Free Electives
		5			5

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

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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.