

# East Central College — Missouri S&T

## Environmental Sciences BS Transfer Guide

Effective as of Fall 2023

### East Central 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 180	Survey Calculus (3) or Analytic Geometry and Calculus I (5)	3	MATH 1212 or MATH 1208	Survey Calculus (4) or Calculus with Analytic Geometry I (5)	4
CHM 111	General Chemistry I and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 112	General Chemistry II and Lab	5	CHEM 1320, 1510*	General Chemistry II and Qualitative Analysis*	5
MTH 242	Engineering Statistics	3	STAT 3115	Engineering Statistics	3
PHY 111, 112 or PHY 211, 212	College Physics I and Lab or General Physics I and Lab	5	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4
GEO 101	Intro to Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
BIO 122	Principles of Biology II and Lab	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
EVR 103	Intro to Environmental Sciences	3	BIO SCI 1173	Intro to Environmental Sciences	3
		Total Hours			Total Hours
		32			31

#### Social Sciences and Humanities (Take all courses)

HST 101 or HST 102 or CIV 202	US History to 1865 or US History 1865-1945 or European Civilization II	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877	3
PSC 102	US Government I: National and State	3	POL SCI 1200	American Government	3
ECO 102	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
PHL 203	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 110	General Ecology	4	BIO SCI 2263	Ecology	3
BIO 109	General Zoology	4	BIO SCI 2353	Zoology (applies to degree as upper division elective)	3
PHY 102	Introductory Astronomy	3	PHYSICS 1505, 1509	Introductory Astronomy and Lab (applies to degree as upper division elective)	4
		Maximum Free Electives			Maximum Free Electives
		5			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 2023. Further information or updates are available from Missouri S&T Transfer Admissions at [transfer.mst.edu](http://transfer.mst.edu), [transfer@mst.edu](mailto:transfer@mst.edu), or 800-522-0938.