

# East Central College — Missouri S&T

## Environmental Science BS Transfer Guide Effective as of Fall 2024

### 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			6		

#### Mathematics and Science

Take all courses.

MTH 180 or MTH 190	Survey Calculus (3) or Analytic Geometry and Calculus I (5)	3	MATH 1212 or MATH 1214	Survey Calculus or Calculus I <small>*A maximum of 4 credit hours will apply to this degree requirement. Additional credit hours will apply to degree totals as general elective credit.</small>	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* <small>*CHEM 1510 is not an S&amp;T degree requirement; course will transfer as elective credit.</small>	3
MTH 242	Engineering Statistics	3	STAT 3115	Engineering Statistics	3
PHY 111, 112 or 211, 212	PHY 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			32		
			Total Hours		
			29		

#### Social Sciences and Humanities

Take all courses.

CIV 202 or HST 101 or HST 102	European Civilization II or US History to 1877 or US History Since 1877	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			12		
			Total Hours		
			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
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.