

Metropolitan Community Colleges — 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.

Metropolitan Community Colleges

Missouri S&T

Communication Skills

Take all courses.

ENGL 101	Composition and Reading I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	Composition and Reading II	3	ENGLISH 1160	Writing and Research	3
Total Hours			6		
Total Hours			6		

Mathematics and Science

Take all courses.

MATH 175 or MATH 180	Survey of Calculus or Analytic Geometry & Calculus I	5	MATH 1212 or MATH 1214	Survey Calculus (4) or Calculus I (4) <small>*A maximum of 4 credit hours will apply to this degree requirement. Additional credit hours will apply to the degree totals as general elective credit.</small>	4
CHEM 111	General College Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 112	General College Chemistry II	5	CHEM 1320, 1510*	General Chemistry II (3) and Qualitative Analysis (2) <small>*CHEM 1510 is not a degree requirement, transfers as general elective credit.</small>	3
MATH 215	Engineering Statistics and Computation	3	STAT 3115	Engineering Statistics	3
PHYS 130 or PHYS 220	General Physics I or Engineering Physics I	5	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4
GEO 101	Physical Geology	5	GEOLOGY 1110	Physical and Environmental Geology	3
BIOL 124	General Biology for Majors II	4	BIO SCI 1223, 1229	Biodiversity and Lab	4
BIOL 102	Environmental Science	5	BIO SCI 1173	Intro to Environmental Sciences	3
BIOL 204	Genetics	3	BIO SCI 2223	General Genetics	3
Total Hours			40		
Total Hours			32		

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.

HIST 120* or HIST 121*	United States History to 1865* or United States History since 1865* <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
ENGL 220 or ENGL 221 or ENGL 222 or ENGL 223 or ENGL 254 or ART 108 or MUSI 108 or SPDR 106	British Literature to 1750 or British Literature 1750-Present or American Literature to 1860 or American Literature 1860-Present or World Literature I or Survey of Art or Music Appreciation or Theatre Appreciation	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231 or ART 1180 or MUSIC 1150 or THEATRE 1190	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 via Video	3

Behavioral and Social Sciences

POL SCI 1200 and ECON 1100 are required.

POLS 136	Intro to U.S. National 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
ECON 211	Microeconomics	3	ECON 1100	Principles of Microeconomics	3

Humanities, Arts, and Social Sciences

PHIL 203	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.

BIOL 202	Ecology	5	BIO SCI 2263	Ecology	3
BIOL 106	General Zoology	5	BIO SCI 2353	Zoology <small>Applies to degree as upper-division elective.</small>	3
BIOL 104	General Botany	5	BIO SCI 2383	Plant Biology <small>Applies to degree as upper-division elective.</small>	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.
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