

Metropolitan Community College — Missouri S&T

Biological Sciences BA

Transfer Guide Effective as of Fall 2024

Metropolitan Community College

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 or other composition course	3
Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12	Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12
Total Hours			Total Hours		
18			18		

Math and Sciences

Take all courses.

MATH 120	College Algebra or higher level math	3	MATH 1140	College Algebra or higher level math	3
BIOL 123 or BIOL 101	General Biology for Majors I (4) or General Biology (5)	4	BIO SCI 1213, 1219 or BIO SCI 1113, 1219	Principles of Biology and Lab or General Biology and Lab	4
BIOL 124	General Biology for Majors II	4	BIO SCI 1223, 1229	Biodiversity and Lab or Principles of Biology II equivalent	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 an S&T degree requirement. Will transfer as general credit.</small>	3
Total Hours			Total Hours		
21			19		

Humanities

Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatre), philosophy, literature.

ART 108 or MUSI 108 or SPDR 106	Survey of Art or Music Appreciation or Theatre Appreciation or other fine art	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video or other fine art	3
ENGL 220 or ENGL 222 or ENGL 254 or ENGL 268 or ENGL 260	British Literature to 1750 or American Literature I or World Literature I or Women's Literature or African-American Literature or other literature	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2242 or ENGLISH 2245 or	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or Literature by Women or African American Literature or other literature	3
PHIL 100	Intro to Philosophy or other philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy or other philosophy	3
Total Hours			Total Hours		
9			9		

Social Sciences

Select 6 hours to include classes in two of the following three areas: economics, political science, and psychology.

ECON 211 or ECON 210	Microeconomics or Macroeconomics or other economics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics or other economics	3
POLS 136	Intro to U.S. National Politics or other political science	3	POL SCI 1200	American Government or other political science	3
PSYC 140	General Psychology or other psychology	3	PSYCH 1101	General Psychology or other psychology	3
Total Hours			Total Hours		
6			6		

Additional Degree Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

MATH 115 or ENGR 215 or CSIS 123 or CSIS 223	Statistics or Engineering Statistics and Computation or Programming Fundamentals or Object-Oriented Programming with C++	3	STAT 1115* or STAT 3115* or CS 1971, 1981	Statistics for the Social Sciences I* (3) or Engineering Statistics* (3) or Intro to Programming Method and Lab (3) <small>Satisfies a computer science/statistics requirement. Credit hours apply to degree totals as indicated for each course. *Will be substituted for STAT 3111.</small>	3-4
BIOL 204	Genetics	3	BIO SCI 2223	General Genetics	3
BIOL 202	Ecology	5	BIO SCI 2263	Ecology	3
CHEM 221	Organic Chemistry I	5	CHEM 2210, 2219*	Organic Chemistry I and Lab* <small>*The lab is not required for the S&T degree, transfers as general elective credit.</small>	4
CHEM 222	Organic Chemistry II	5	CHEM 2220, 2229*	Organic Chemistry II and Lab* <small>*The lab is not required for the S&T degree, transfers as general elective credit.</small>	4
HIST 133	Foundations of Western Civilization	3	HISTORY 1100	Early Western Civilization	3
HIST 134	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3

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

60

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.