

Metropolitan Community Colleges — Missouri S&T

Biological Sciences BA Transfer Guide

Effective as of Fall 2020

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 (or other composition course)	3
COMM 100	Fundamentals of Speech (if required for AA degree)	3	SPMS 1185	Principles of Speech (Not required for S&T degree. Transfers as a free elective)	3
	Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	11		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	11
Total Hours			Total Hours		
20			20		

Math and Sciences (Take all courses)

MATH 120	College Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher level math)	3
BIOI 123 or BIOL 101 or BIOL 118	General Biology for Majors I (4) or General Biology (5) or Intro to Biology (5)	4-5	BIO SCI 1213,1219 or BIO SCI 1113, 1219	Principles of Biology and Lab or General Biology and Lab	3
BIOL 124	General Biology for Majors II	4		Principles of Biology II equivalent (or BIO SCI 1223,1229 Biodiversity and Lab)	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 and Qualitative Analysis* <small>*Note: CHEM 1510 is not an S&T degree requirement; course will transfer as elective credit.</small>	3
MATH 115 or ENGR 215 or CSIS 123 or CSIS 223 or ENGR 204	Statistics or Engineering Statistics and Computation or Programming Fundamentals or Object-Oriented Programming with C++ or Programming for Engineers and Scientists (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3	STAT 1115 or STAT 3115 or CS 1971, 1981 or CS 1972, 1982	Statistics for Social Sciences I (3) or Engineering Statistics (3) or Intro to Programming Method and Lab or Intro to MATLAB Programming and Lab (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3
Total Hours			Total Hours		
24			21		

Humanities (Select 3 hours)

ART 108	Survey of Art	3	ART 1180	Art Appreciation	3
MUSI 108	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
SPDR 106	Theater Appreciation	3	THEATRE 1190	Theatre Appreciation	3
ENGL 220 or ENGL 222 or ENGL 254 or ENGL 260 or ENGL 262/268	British Literature to 1750 or American Literature I or World Literature I or African-American Literature or Women's Lives and Autobiography/Women's Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2245 or ENGLISH 2242 or	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or African American Literature or Literature by Women (or other literature elective)	3
PHIL 100	Introduction to Philosophy <i>See your advisor for course options</i>	3	PHILOS 1105	Introduction to Philosophy Other fine art, English or American literature, or philosophy elective	3
Total Hours			Total Hours		
3			3		

Social Sciences (Select 6 hours)

ECON 211 or ECON 210	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
HIST 120	United States History to 1865	3	HISTORY 1300	American History to 1877	3
HIST 121	United States History since 1865	3	HISTORY 1310	American History since 1877	3
POLS 136	Introduction to American Politics	3	POL SCI 1200	American Government	3
PSYC 140	General Psychology <i>See your advisor for course options</i>	3	PSYCH 1101	General Psychology Other history, economics, political science, psychology, or sociology.	3
Total Hours			Total Hours		
6			6		

Additional Degree Requirements (Select up to 9 hours)

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	Organic Chemistry I	4
CHEM 222	Organic Chemistry II	5	CHEM 2220	Organic Chemistry II	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
Total Hours			Total Hours		
9			9		

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.