

St. Charles Community College — Missouri S&T

Biological Sciences BA Transfer Guide

Effective as of Fall 2023

St. Charles Community 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 (or other composition course)	3	ENGLISH 1160	Writing and Research (or other composition course)	3	
COM 106	Public Speaking (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)	12	
Total Hours			20	Total Hours		21

Math and Sciences (Take all courses)

MAT 161	College Algebra (or higher level math)		MATH 1140	College Algebra (or higher level math)	3
BIO 150	General Biology: Cells to Organisms	5	BIO SCI 1213, 1219	Principles of Biology and Lab	5
BIO 151	General Biology: Organisms to Environment	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
CHM 115	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 116	General Chemistry II	5	CHEM 1320	General Chemistry II	3
MAT 157 or MAT 175 or CPT 182	College Statistics-General Education (4) or Introductory Statistics (3) or Beginning Programming in C++ (3) (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3	STAT 1115 or STAT 1115 or CS 1971, 1981	Statistics for Social Sciences I or Statistics for Social Sciences I or Intro to Programming Method and Lab (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3
Total Hours		23	Total Hours		22

Humanities (Select 9 hours)

Must include one class of each in literature, philosophy, and fine arts.

ART 1001 or MUS 111 or THE 122	Art Appreciation or Music Appreciation or Intro to Theatre	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
LIT 250 or LIT 210 or LIT 272 or LIT 223	English Literature Before 1800 or American Literature From 1620-1865 or World Lit-Ancient World thru Renaissance or African American Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231or ENGLISH 2245 or	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or African American Literature (or other literature elective)	3
PHL 101	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy (or other philosophy elective)	3
Total Hours		9	Total Hours		

Social Sciences (Select 6 hours)

Must include classes in two of the following three areas: economics, political science, and psychology.

ECO 120 or ECO 110	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics (or other economics)	3		
POL 101	American Government	3	POL SCI 1200	American Government (or other political science)	3		
PSY 101	Intro to Psychology	3	PSYCH 1101	General Psychology (or other psychology)	3		
		Total Hours	6			Total Hours	6

Additional Degree Requirements

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

CHEM 240	Organic Chemistry I	3	CHEM 2210	Organic Chemistry I	4
CHEM 241	Organic Chemistry II	3	CHEM 2220	Organic Chemistry II	4
HIS 145	Western Civ: Ancient and Medieval Heritage	3	HISTORY 1100	Early Western Civilization	3
HIS 146	Western Civ: Modern European Heritage	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.

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, transfer@mst.edu, or 800-522-0938.