

St. Louis Community College — Missouri S&T

Biological Sciences BA Transfer Guide

Effective as of Fall 2023

St. Louis Community College

Missouri S&T

Communication Skills (Take all courses)

ENG 101	College Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	College Composition II	3	ENGLISH 1160	Writing and Research (or other composition course)	3
COM 101	Oral Communications (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)	12		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
		Total Hours			Total Hours
		21			21

Math and Sciences (Take all courses)

MTH 160	Precalculus Algebra (or higher level math)	4	MATH 1140	College Algebra (or higher level math)	3
BIO 111 or BIO 140	Intro to Biology I (4) or Principles of Biology I (5)	4	BIO SCI 1113, 1219 or BIO SCI 1213, 1219	General Biology (3) and Lab (2) or Principles of Biology (3) and Lab (2)	5
BIO 141	Principles of Biology II	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
CHM 105	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 106	General Chemistry II	5	CHEM 1320	General Chemistry II	3
BUS 201 or MTH 180 or ESC 101 or IS 167 or IS 267	Elementary Statistics (3) or Introductory Statistics (3) or Scientific Computer Programming (3) or C++ Programming I (40 or C++ Programming II	3	STAT 1115 or 1971, 1981	CS Statistics for Social Sciences I or Intro to Programming Methodology and Lab	3
		Total Hours			Total Hours
		26			22

Humanities (Select 9 hours)

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

ART 100 or MUS 114 or THT 101	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
ENG 210 or ENG 204 or ENG 231 or ENG 216 or ENG 217	British Literature I or American Literature I or World Literature or Women in Literature or Major Black Writers (or other literature elective)	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 elective)	3
PHL 101	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy (or other philosophy elective)	3
		Total Hours			Total Hours
		9			9

Social Sciences (Select 6 hours)

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

ECO 152 or ECO 151	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics (or other economics)	3
PSC 101	Intro to American Politics	3	POL SCI 1200	American Government (or other political science)	3
PSY 200	General 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.

BIO 225	Genetics	5	BIO SCI 2223	General Genetics	3
BIO 117	Conservation and Ecology	3	BIO SCI 2263	Ecology	3
CHM 206	Organic Chemistry I	3	CHEM 2210	Organic Chemistry I	4
CHM 207	Organic Chemistry II	3	CHEM 2220	Organic Chemistry II	4
HST 115	Ancient and Medieval History to 1500	3	HISTORY 1100	Early Western Civilization	3
HST 128	Western Civilization 1500 to Present	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.