

# Ozarks Technical College — Missouri S&T

## Biological Sciences BA Transfer Guide

Effective as of Fall 2023

### Ozarks Technical College

### Missouri S&T

#### Communication Skills (Take all courses)

ENG 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	Composition II	3	ENGLISH 1160	Writing and Research (or other composition course)	3
COM 105	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)	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 130	College Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher level math)	3
BIO 100 or BIO 160	Life Science or General Biology I	4	BIO SCI 1113,1219	General Biology and Lab	4
BIO 170	General Biology II	4	BIO SCI 1223, 1229	Biodiversity and Lab	4
CHM 160, 161	General Chemistry	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 170	General Chemistry II	5	CHEM 1320	General Chemistry II	3
MTH 210 or CSC 140	Statistical Methods (3) or C++ Programming (4)	3	STAT 1115 or CS 1971, 1981	Statistics for Social Sciences I or Intro to Programming Method and Lab	3
		Total Hours			Total Hours
		24			22

#### Humanities (Select 9 hours)

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

ART 100 or MUS 105 or THR 101	Art and Experience or Western Music Appreciation or Intro to Western Theater (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
ENG 240 or ENG 270 or ENG 260	Survey of English Literature I or Survey of American Literature I or Survey of World Literature I (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I (or other literature elective)	3
PHL 101	Intro to Philosophy (or other philosophy elective)	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 275 or ECO 270	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics (or other economics)	3
PLS 101	American Government and Politics	3	POL SCI 1200	American Government (or other political science)	3
PSY 110	Intro to 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 250	Genetics	4	BIO SCI 2223	General Genetics	3
BIO 275	Environmental Biology	4	BIO SCI 2263	Ecology	3
CHM 242	Organic Chemistry I	5	CHEM 2210	Organic Chemistry I	4
CHM 243	Organic Chemistry II	5	CHEM 2220	Organic Chemistry II	4
HST 105	World History I	3	HISTORY 1100	Early Western Civilization	3
HST 106	World History 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.