

# Ozarks Technical College — Missouri S&T

## Biological Sciences BA Transfer Guide

Effective as of Fall 2020

### 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)	11
Total Hours			Total Hours		
21			20		

#### 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 CIS 150 or CSC 210 or CSC 140	Statistical Methods (3) or C# Programming I (3) or Data Structures (4) or C++ Programming (4) (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3-4	STAT 1115 or IST 1551 or CS 1500 or CS 1971, 1981	Statistics for Social Sciences I or Implementing Infor Sys: User Persp or Computational Problem Solving or Intro to Programming Method and Lab (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3
Total Hours			Total Hours		
24			22		

#### Humanities (Select 3 hours)

ART 100	Art and Experience	3	ART 1180	Art Appreciation	3
MUS 105	Western Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THR 101	Intro to Theater	3	THEATRE 1190	Theatre Appreciation	3
ENG 340 or ENG 350 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	3	PHILOS 1105	Intro to Philosophy	3
	<i>See your advisor for course options</i>			Other fine art, English or American literature, or philosophy elective	
Total Hours			Total Hours		
3			3		

#### Social Sciences (Select 6 hours)

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	3
HST 120	US History I: to 1865	3	HISTORY 1300	American History to 1877	3
HST 130	US History II: 1865-Present	3	HISTORY 1310	American History since 1877	3
PLS 101	American Government and Politics	3	POL SCI 1200	American Government	3
PSY 110	Intro to Psychology	3	PSYCH 1101	General Psychology	3
	<i>See your advisor for course options</i>			Other history, economics, political science, psychology, or sociology.	
Total Hours			Total Hours		
6			6		

#### Additional Degree Requirements (Select up to 9 hours)

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 2210,2219*	Organic Chemistry I (4) and Lab* (1) *Note: CHEM 2219 is not an S&T degree requirement; course will transfer as elective credit.	4
CHM 243	Organic Chemistry II	5	CHEM 2220, 2229*	Organic Chemistry II (4) and Lab* (1) *Note: CHEM 2229 is not an S&T degree requirement; course will transfer as elective credit.	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
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.