

Ozarks Technical Community College — Missouri S&T

Biological Sciences BA

Transfer Guide Effective as of Fall 2024

Ozarks Technical Community 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
Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12	Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12
Total Hours			Total Hours		
18			18		

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, 1510*	General Chemistry II (3) and Qualitative Analysis (2) <small>*Chem 1510 is not an S&T degree requirement. Will transfer as general credit.</small>	3
Total Hours			Total Hours		
21			19		

Humanities

Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatre), philosophy, literature.

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	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	3
PHL 101	Intro to Philosophy or other philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy or other philosophy	3
Total Hours			Total Hours		
9			9		

Social Sciences

Select 6 hours to 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 or other political science	3	POL SCI 1200	American Government or other political science	3
PSY 110	Intro to Psychology or other 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.

MTH 129 or MTH 210 or CSC 140	Introductory Statistics (3) or 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 <small>Satisfies a computer science/statistics requirement. Credit hours apply to degree totals as indicated for each course. *Will be substituted for STAT 3111.</small>	3
CHM 242	Organic Chemistry I	5	CHEM 2210, 2219*	Organic Chemistry I and Lab* <small>*The lab is not an S&T degree requirement, transfers as general elective credit.</small>	4
CHM 243	Organic Chemistry II	5	CHEM 2220, 2229*	Organic Chemistry II and Lab* <small>*The lab is not an S&T degree requirement, transfers as general elective credit.</small>	4
HST 105	Ancient and Medieval World History	3	HISTORY 1100	Early Western Civilization	3
HST 106	Modern World History	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.