

Ozarks Technical Community College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2017

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	3
COM 105	Public Speaking <small>for AA Degree)</small>	(Required) 3	SPMS 1185	Principles of Speech <small>(Not required for S&T degree. Transfers as a free elective)</small>	3
Total Hours			9		

Social Sciences (Select 9 credit hours to include one course to satisfy state requirement)

HST 102 or HST 120 or HST 130 or PLS 101	Western Civilization 1350 to Present or First American to War or Reconstruction to the Present or American Government Politics <small>(At least one of these courses is required to satisfy state requirement)</small>	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200	Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government <small>(At least one of these courses is required to satisfy state requirement)</small>	3
ECO 275 or ECO 270 PSY 110	Principles of Microeconomics or Principles of Macroeconomics Intro to Psychology	3 3 3	ECON 1100 or ECON 1200 PSYCH 1101	Principles of Microeconomics or Principles of Macroeconomics General Psychology Other economics, history, political science, sociology, psychology elective.	3 3 3 3
<i>See your advisor for course options</i>					
Total Hours			9		

Humanities (Select 6 hours)

ART 110	Art and Experience	3	ART 1180	Art Appreciation	3
MUS 101	Western Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THE 101	Introduction to Theatre	3	THEATRE 1190	Theatre Appreciation	3
ENG 240	British Literature Beginnings - 1790	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENG 220	American Lit Beginnings - 1870	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENG 225	American Literature 1870 - Present	3	ENGLISH 1222	American Literature: 1865 to Present	3
PHL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
<i>See your advisor for course options</i>					
Total Hours			6		

Mathematics and Sciences (Take all courses)

MTH 140	Analytical Geometry/Calculus I	5	MATH 1214	Calculus for Engineers I	4
CHM	General Chemistry	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 170	General Chemistry II	3	CHEM 1320	General Chemistry II	3
CHM 242	Organic Chemistry I	5	CHEM 2210, 2219	Organic Chemistry I and Lab	5
PHY 120 or PHY 220	General Physics I or Physics for Engineers I	4	PHYSICS 1145, 1119 or PHYSICS 1135	College Physics I and Lab or Engineering Physics I	5
PHY 130 or PHY 222	General Physics II or Physics for Engineers II	4	PHYSICS 2145, 2119 or PHYSICS 2135	College Physics II and Lab or Engineering Physics II	5
BIO 160	General Biology I	4	BIO SCI 1113, 1219	General Biology and Lab	5
Total Hours			30		

Additional Degree Requirements (Select up to 6 hours)

BIO 170	General Biology II	4	BIO SCI 1223, 1229 or Gen Biology II	Biodiversity and Lab or Principles of Biology II	4
BIO 250	Genetics	4	BIO SCI 2223	General Genetics	3
BIO 275	Environmental Biology	4	BIO SCI 2263	Ecology	3
Total Hours			6		

Maximum credit hours to be transferred to Missouri S&T degree requirements. 70

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.