

St. Louis Community College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2017

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	3
COM 107	Public Speaking (Required for AA degree)	3	SPMS 1185	Principles of Speech (Not required for S&T degree. Transfers as a free elective)	3
Total Hours		9			Total Hours 9

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

HST 128 or HST 101 or HST 102 or PSC 101	Western Tradition II or American History I or American History II or Introduction to American 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 152 or ECO 151	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSY 200	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours		9	<i>See your advisor for course options</i>		Total Hours 9
					Other economics, history, political science, sociology, psychology elective.
Total Hours		9			Total Hours 9

Humanities (Select 6 hours)

ART 100	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 103	Basic Music	3	MUSIC 1150	Music Understanding and Appreciation	3
THT 101	Introduction to Theatre	3	THEATRE 1190	Theatre Appreciation	3
ENG 210	British Literature Before 1800	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENG 204	American Literature Before 1865	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENG 205	American Literature Between 1865 - 1945	3	ENGLISH 1222	American Literature: 1865 to Present	3
PHL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
Total Hours		6	<i>See your advisor for course options</i>		Total Hours 6
					Other fine art, literature, or philosophy elective
Total Hours		6			Total Hours 6

Mathematics and Sciences (Take all courses)

MTH 210	Analytic Geometry/Calculus I	5	MATH 1214	Calculus for Engineers I	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
CHM 206,	Organic Chemistry I and Lab	5	CHEM 2210, 2219	Organic Chemistry I and Lab	5
CHM 207,	Organic Chemistry II and Lab	5	CHEM 2220, 2229	Organic Chemistry II and Lab	5
PHY 111 or PHY 122	College Physics I or Engineering Physics I	4 or 5	PHYSICS 1145, 1119 or PHYSICS 1135	College Physics I and Lab or Engineering Physics I	5
PHY 112 or PHY 223	College Physics II or Engineering Physics II	4 or 5	PHYSICS 2145, 2119 or PHYSICS 2135	College Physics II and Lab or Engineering Physics II	5
BIO 140	Principles of Biology I	4	BIO SCI 1113, 1219	General Biology and Lab	5
Total Hours		29			Total Hours 37

Additional Degree Requirements (Select up to 6 hours)

BIO 141	Principles of Biology II	4	BIO SCI 1223, 1229 or Gen Biology II	Biodiversity and Lab or Principles of Biology II	4
BIO 106	Human Heredity	4	BIO SCI 2223	General Genetics	3
BIO 117	Conservation and Ecology (Lecture)	3	BIO SCI 2263	Ecology	3
Total Hours		6			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.