

Johnson County Community College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2017

Partner School

Missouri S&T

Communication Skills (Take all courses)

ENGL 121	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 122	Composition II	3	ENGLISH 1160	Writing and Research	3
SPD 121	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		

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

HIST 126 or HIST 140 or HIST 141 or	Modern Western Civilization or U.S. History to 1877 or U.S. History since 1877 or Political Science or American National Government (At least one of these courses is required to satisfy state requirement)	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 (At least one of these courses is required to satisfy state requirement)	3
ECON 231	Economics II or	3	ECON 1100 or	Principles of Microeconomics or	3
ECON 230	Economics I	3	ECON 1200	Principles of Macroeconomics	3
PSYC 130	Introduction to Psychology	3	PSYCH 1101	General Psychology	3
Total Hours			9		
			<i>See your advisor for course options</i>		
Total Hours			9		

Humanities (Select 6 hours)

MUS 121	Introduction to Music Listening	3	MUSIC 1150	Music Understanding and Appreciation	3
THEA 120	Introduction to Theater	3	THEATRE 1190	Theatre Appreciation	3
ENGL 236	British Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
PHIL 121	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
Total Hours			6		
			<i>See your advisor for course options</i>		
Total Hours			6		

Mathematics and Sciences (Take all courses)

MATH 241 & MATH 242	Calculus I and Calculus II	10	MATH 1214 & MATH 1215	Calculus for Engineers I and Calculus II for Engineers (*Calculus II is not required however you must have both MATH 241 & 242 as they will not transfer as separate courses)	8
CHEM 122 or CHEM 124,125	Principles of Chemistry or General Chemistry I Lecture and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 131	General Chemistry II Lecture	4	CHEM 1320	General Chemistry II	3
CHEM 220	Organic Chemistry I	5	CHEM 2210, 2219	Organic Chemistry I and Lab	5
CHEM 221	Organic Chemistry II	5	CHEM 2220, 2229	Organic Chemistry II and Lab	5
PHYS 130 or PHYS 220	General Physics I or Engineering Physics I	5	PHYSICS 1145, 1119 or PHYSICS 1135	College Physics I and Lab or Engineering Physics I	5
PHYS 131 or PHYS 221	General Physics II or Engineering Physics II	5	PHYSICS 2145, 2119 or PHYSICS 2135	College Physics II and Lab or Engineering Physics II	5
BIO SCI 1113, 1219	Principles of Biology and Lab	4	BIO SCI 1113, 1219	General Biology and Lab	5
Total Hours			43		
Total Hours			41		

Additional Degree Requirements (Select up to 6 hours)

BIOL 205	General Genetics	4	BIO SCI 2223	General Genetics	3
BIOL 130	Environmental Science	3	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.