

Jefferson College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2020

Jefferson College

Missouri S&T

Communication Skills (Take all courses)

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	Composition and Rhetoric II	3	ENGLISH 1160	Writing and Research	3
COM 110	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			Total Hours		
9			9		

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

HIST 102 or HIST 103 or HIST 104 or PSC 102	Renaissance to Early Modern Europe or US History I or US History II or US and Missouri Govt. and Constitution <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 102 or ECO 101	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours			Total Hours		
9			9		
<i>See your advisor for course options</i>			Other economics, history, political science, sociology, psychology elective.		
Total Hours			Total Hours		
9			9		

Humanities (Select 6 hours)

ART 101	Art Appreciation	#REF!	ART 1180	Art Appreciation	3
MUS 121	Appreciation of Music	3	MUSIC 1150	Music Understanding and Appreciation	3
SPD 120	Intro to Theatre	3	THEATRE 1190	Theatre Appreciation	3
ENG 130	English Life and Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENG 175	American Literature I	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENG 176	American Literature II	3	ENGLISH 1222	American Literature: 1865 to Present	3
PHL 102	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
Total Hours			Total Hours		
6			6		
<i>See your advisor for course options</i>			Other fine art, literature, or philosophy elective		

Mathematics and Sciences (Take all courses)

MTH 180	Calculus I	5	MATH 1212 or MATH 1214	Business Calculus or Calculus for Engineers I	4
CHM 111	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 112	General Chemistry II	5	CHEM 1320, 1510*	General Chemistry II (3) and Lab (2)* <small>*Note: CHEM 1510 is not an S&T degree requirement. Will transfer as free elective.</small>	3
CHM 200	Organic Chemistry I	5	CHEM 2210, 2219	Organic Chemistry I and Lab	4
CHM 201	Organic Chemistry II	5	CHEM 2220, 2229	Organic Chemistry II and Lab	4
PHY 223	General Physics I	4	PHYSICS 1145, 1119 or PHYSICS 1135	College Physics I and Lab or Engineering Physics I	5
PHY 224	General Physics II	4	PHYSICS 2145, 2119 or PHYSICS 2135	College Physics II and Lab or Engineering Physics II	5
BIO 101	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab	5
Total Hours			Total Hours		
38			35		

Additional Degree Requirements (Select up to 3 hours)

BIO 201	Genetics	4	BIO SCI 2223	General Genetics	3
Total Hours			Total Hours		
6			3		

Maximum credit hours to be transferred to Missouri S&T degree requirements. 64

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.