

St. Charles Community College — Missouri S&T

Biological Sciences BA Transfer Guide

Effective as of Fall 2017

St. Charles Community College

Missouri S&T

Communication Skills (Take all courses)

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
SPE 101	Oral Communications	3	SPMS 1185	Principles of Speech <small>required for S&T degree. Transfers as a free elective)</small>	(Not) 3
	Foreign Language <small>(3 semesters of same language OR 2 semesters of each of two different languages)</small>	12		Foreign Language <small>(3 semesters of same language OR 2 semesters of each of two different languages)</small>	12
Total Hours			Total Hours		
21			21		

Math and Sciences (Take all courses)

MAT 162	College Algebra- STEM	4	MATH 1140	College Algebra	3
CHM 115	General Chemistry I and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 116	General Chemistry II and lab	5	CHEM 1320	General Chemistry II	3
CHM 240	Organic Chemistry I	3	CHEM 2210	Organic Chemistry I	4
CHM 241	Organic Chemistry II	4	CHEM 2220	Organic Chemistry II	4
	Statistics Preferred. <small>(Almost any computer class.)</small>		Statistics or Computer	Statistics Elective (preferred) or Computer Elective	3
Total Hours			Total Hours		
21			22		

Humanities (Select 3 hours)

ART 1001	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 111	Music Appreciation	2	MUSIC 1150	Music Understanding and Appreciation	3
THE 122	Introduction to Theatre	3	THEATRE 1190	Theatre Appreciation	3
LIT 250	English Literature Before 1800	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
LIT 210	American Literature From 1620 - 1865	3	ENGLISH 1221	American Literature: 1600 to 1865	3
LIT 220	American Literature From 1865 - Present	3	ENGLISH 1222	American Literature: 1865 to Present	3
PHL 101	Introduction to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
	<i>See your advisor for course options</i>			Other fine art, literature, or philosophy elective	3
Total Hours			Total Hours		
3			3		

Social Sciences (Select 6 hours)

ECO 120 or	Principles of Microeconomics or	3	ECON 1100 or	Principles of Microeconomics or	3
ECO 110	Principles of Macroeconomics		ECON 1200	Principles of Macroeconomics	
HIS 101	US History to 1877	3	HISTORY 1300	American History to 1877	3
HIS 102	US History Since 1877	3	HISTORY 1310	American History since 1877	3
POL 101	American Government	3	POL SCI 1200	American Government	3
PSY 101	Introduction to Psychology	3	PSYCH 1101	General Psychology	3
	<i>See your advisor for course options</i>			Other history, economics, political science, psychology, or sociology.	
Total Hours			Total Hours		
6			6		

Additional Degree Requirements (Select up to 5 hours)

BIO 150	General Biology	5	BIO SCI 1213, 1219	Principles of Biology and Lab	5
BIO 151	General Biology II	5	BIO SCI 1223, 1229 or	Biodiversity and Lab or	
			Gen Biology II	Principles of Biology II	4
BIO 120	Introduction to Ecology	3	BIO SCI 2263	Ecology	3
HIS 145	Western Civ, Ancient and Medieval Heritage	3	HISTORY 1100	Early Western Civilization	3
HIS 146	Western Civilization of Modern Europe	3	HISTORY 1200	Modern Western Civilization	3
Total Hours			Total Hours		
5			5		

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.