

St. Charles Community College — Missouri S&T

Information Science and Technology BS Transfer Guide

Effective as of Fall 2020

St. Charles Community College

Missouri S&T

General Education (Take all courses)

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	English Composition II (if required for AA degree)	3	ENGLISH 1160	Writing and Research (Will be substituted for ENGLISH 1600 requirement)	3
COM 106	Public Speaking	3	SPMS 1185	Principles of Speech	3
HIS 146 or HIS 101 or HIS 102	Western Civ: Modern European Heritage or US History to 1877 or US History Since 1877 (or other history elective)	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877 (or other history elective)	3
POL 101	American Government	3	POL SCI 1200	American Government	3
PSY 101	Intro to Psychology	3	PSYCH 1101	General Psychology	3
Total Hours		18	Total Hours		18

Mathematics (Take all courses)

MAT 158	College Algebra	4	MATH 1140	College Algebra	3
MAT 210	Survey Calculus	4	MATH 1212	Business Calculus	4
Total Hours		8	Total Hours		7

Humanities and Social Sciences (Select 3 hours)

ART 1001	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 111	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THE 122	Intro of Theatre	3	THEATRE 1190	Theatre via Video	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 272	World Lit-Ancient World thru Renaissance	3	ENGLISH 1231	World Literature I	3
LIT 223	African American Literature	3	ENGLISH 2245	African American Literature	3
PHL 101	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
<i>See your advisor for course options</i>			Other fine art, literature, economic, social sciences, or philosophy elective		
Total Hours		3	Total Hours		3

Sciences (Select 2 lecture sections and 1 lab)

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, 1510*	General Chemistry II and Qualitative Analysis*	5
PHY 150,153*	General Physics I and Lab*	4	PHYSICS 1145, 1119	College Physics I and Lab	4
PHY 151,154*	General Physics II and Lab*	4	PHYSICS 2145, 2119	College Physics II and Lab	4
BIO 105,106*	Essentials of Biology and Lab*	4	BIO SCI 1113, 1219	General Biology and Lab	5
PHY 125	Intro to Physical Geology	3	GEOLOGY 1110, 1119*	Physical and Environmental Geology and Lab	4
	Other biology, chemistry, physics, or geology lecture.	3		Other biology, chemistry, physics, or geology lecture.	3
	Any biology, chemistry, physics, geology lab if not already taken above.	1		Any biology, chemistry, physics, geology lab if not already taken above.	1
<small>*Note: Any lab listed above will satisfy the lab requirement.</small>			<small>*Note: Any lab listed above will satisfy the lab requirement.</small>		
Total Hours		7	Total Hours		7

Major Requirements (Select up to 25 hours)

ECO 120	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
ECO 110	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
BUS 201	Principles of Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACT 110	Financial Accounting I	4	BUS 1210	Financial Accounting	3
BUS 220	Principles of Finance	3	FINANCE 2150	Corporate Finance I	3
BUS 230	Principles of Marketing	3	MKT 3110	Marketing	3
Total Hours		18	Total Hours		18

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.