

St. Louis Community Colleges — Missouri S&T

Information Science and Technology BS Transfer Guide

Effective as of Fall 2020

St. Louis Community Colleges

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 <small>(if required for AA degree.)</small>	3	ENGLISH 1160	Writing and Research <small>(Will be substituted for ENGLISH 1600 requirement)</small>	3
COM 107	Public Speaking	3	SPMS 1185	Principles of Speech	3
HST 128 or HST 101 or HST 102	Western Civilization 1500 to Present or US History to 1865 or US History 1865 to Present <small>(or other history elective)</small>	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877 <small>(or other history elective)</small>	3
PSC 101	Intro to American Politics	3	POL SCI 1200	American Government	3
PSY 200	General Psychology I	3	PSYCH 1101	General Psychology	3
Total Hours			Total Hours		
18			18		

Mathematics (Take all courses)

MTH 160	Precalculus Algebra	3	MATH 1140	College Algebra	3
MTH 186	Survey of Calculus	3	MATH 1212	Business Calculus	4
Total Hours			Total Hours		
6			7		

Humanities and Social Sciences (Select 3 hours)

ART 100	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 114	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THT 101	Intro to Theatre	3	THEATRE 1190	Theatre via Video	3
ENG 210	British Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENG 204 or ENG 205	American Literature I or American Literature II	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENG 231	World Literature	3	ENGLISH 1231	World Literature I	3
ENG 216	Women in Literature	3	ENGLISH 2242	Literature by Women	3
ENG 217	Major Black Writers	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			Total Hours		
3			3		

Sciences (Select 2 lecture sections and 1 lab)

CHM 105*	General Chemistry I	5	CHEM 1310, 1319*	General Chemistry I and Lab	5
CHM 106*	General Chemistry II	5	CHEM 1320, 1510*	General Chemistry II and Qualitative Analysis	5
PHY 111	College Physics I	4	PHYSICS 1145, 1119*	College Physics I and Lab	4
PHY 112*	College Physics II	4	PHYSICS 2145, 2119*	College Physics II and Lab	4
BIO 111*	Intro to Biology I	4	BIO SCI 1113, 1219*	General Biology and Lab	5
GEO 111	Physical Geology	5	GEOLOGY 1110	Physical and Environmental Geology and Lab	3
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			Total Hours		
7			7		

Major Requirements (Select up to 25 hours)

ECO 152	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
ECO 151	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
MGT 204	Business Organization & Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACC 110	Financial Accounting I	4	BUS 1210	Financial Accounting	3
IS 187 and IS 287	Java Programming I and Java Programming II	8	IST 1561 and IST 1562	Algorithms and Programming with Java and Java and Data Structures	6
MKT 203	Principles of Marketing	3	MKT 3110	Marketing	3
Total Hours			Total Hours		
24			24		

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.