

St. Charles Community College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2023

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
COM 106	Public Speaking (if 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		
				Total Hours	9

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

HIS 146 or HIS 101 or HIS 102 or POL 101	Western Civ: Modern European Heritage or US History to 1877 or US History Since 1877 or American 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
ECO 120 or ECO 110	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSY 101	Intro to Psychology	3	PSYCH 1101	General Psychology	3
	Other economics, history, political science, sociology, psychology elective.	3		Other economics, history, political science, sociology, psychology elective.	3
		Total Hours	9		
				Total Hours	9

Humanities (Select 6 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	Intro to Theatre	3	THEATRE 1190	Theatre via Video	3
LIT 250	English Literature before 1800		ENGLISH 1211	British Literature I: The Beginnings to 1800	3
LIT 210	American Literature from 1620-1865		ENGLISH 1221	American Literature: 1600 to 1865	3
LIT 272	World Lit-Ancient World thru Renaissance		ENGLISH 1231	World Literature I	3
LIT 223	African American Literature		ENGLISH 2245	African American Literature	3
PHL 101	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
	Other fine art, literature, or philosophy elective	3		Other fine art, literature, or philosophy elective	3
		Total Hours	6		
				Total Hours	6

Mathematics and Sciences (Take all courses)

BIO 160	General Biology I	5	BIO SCI 1213, 1219	Principles of Biology and Lab	4
MAT 210 or MAT 180	Survey Calculus (4) or Calculus and Analytic Geometry I (5)	4	MATH 1212 or MATH 1214	Survey of Calculus or Calculus I	4
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
CHEM 240	Organic Chemistry I	3	CHEM 2210, 2219	Organic Chemistry I and Lab	4
CHEM 241	Organic Chemistry II	3	CHEM 2220, 2229	Organic Chemistry II and Lab	4
PHY 150,153 or PHY 250	General Physics and Lab or Engineering Physics I	5	PHYSICS 1145, 1119 or PHYSICS 1135	College Physics I and Lab or Engineering Physics I	5
PHY 151,154 or PHY 251	General Physics II and Lab or Engineering Physics II	5	PHYSICS 2145, 2119 or PHYSICS 2135	College Physics II and Lab or Engineering Physics II	5
		Total Hours	35		
				Total Hours	34

Additional Degree Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

BIO 151	General Biology II	5	BIO SCI 1223, 1229	Biodiversity and Lab	5
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Maximum credit hours to be transferred to Missouri S&T degree requirements.

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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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2023. Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.