

Jefferson College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2023

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 (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 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
	Other economics, history, political science, sociology, psychology elective.	3		Other economics, history, political science, sociology, psychology elective.	3
		Total Hours			Total Hours
		9			9

Humanities (Select 6 hours)

ART 101	Art Appreciation	3	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 via Video	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 215	World Literature before 1650	3	ENGLISH 1231	World Literature I	3
PHL 102	Intro to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy	3
	Other fine art, literature, or philosophy elective	3		Other fine art, literature, or philosophy elective	3
		Total Hours			Total Hours
		6			6

Mathematics and Sciences (Take all courses)

BIO 101	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab	4
MTH 161 or MTH 180	Calculus for Business and Social Sciences or Calculus I	5	MATH 1212 or MATH 1214	Survey of Calculus or Calculus 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	General Chemistry II	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 111 or PHY 223	Elementary College Physics I (5) or General Physics I (4)	4	PHYSICS 1145, 1119 or PHYSICS 1135	College Physics I and Lab or Engineering Physics I	5
PHY 224	General Physics II	4	PHYSICS 2135	Engineering Physics II	5
		Total Hours			Total Hours
		38			34

Additional Degree Requirements

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

BIO 201	Genetics	4	BIO SCI 2223	General Genetics	3
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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.