

Mineral Area College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2023

Mineral Area College

Missouri S&T

Communication Skills (Take all courses)

ENG 1330	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 1340	English Composition	3	ENGLISH 1160	Writing and Research	3
ENG 1440	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 1140 or HIS 1230 or HIS 1240 or POS 1180	Western Civilization II or American History I or American History II or American Political Systems (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
BUS 2940 or BUS 2930	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSY 1130	General Psychology I	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 1490	History of Art I	3	ART 1180	Art Appreciation	3
MUS 1630	Appreciation of Music	3	MUSIC 1150	Music Understanding and Appreciation	3
THE 1000	Intro to Theatre	3	THEATRE 1190	Theatre via Video	3
ENG 2330	English Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENG 2430	American Literature I	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENG 2492	Women's Literature	3	ENGLISH 2242	Literature by Women	3
PHI 1400	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
	Other fine art, literature, or philosophy elective			Other fine art, literature, or philosophy elective	
		Total Hours	6		
				Total Hours	6

Mathematics and Sciences (Take all courses)

BIO 1150	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab	4
MATH 1600 or MATH 1650	Business Calculus or Analytical Geometry and Calculus I	4	MATH 1212 or MATH 1214	Survey of Calculus or Calculus I	4
PHS 1350	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHS 1390	General Chemistry II	4	CHEM 1320	General Chemistry II	3
PHS 2350	Organic Chemistry I	5	CHEM 2210, 2219	Organic Chemistry I and Lab	4
PHS 2360	Organic Chemistry II	5	CHEM 2220, 2229	Organic Chemistry II and Lab	4
PHS 1420 or PHS 2230	College Physics I or General Physics I	4	PHYSICS 1145, 1119 or PHYSICS 1135	College Physics I and Lab or Engineering Physics I	5
PHS 1440 or PHS 2240	College Physics II or General Physics II	4	PHYSICS 2145, 2119 or PHYSICS 2135	College Physics II and Lab or Engineering Physics II	5
		Total Hours	36		
				Total Hours	34

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.