

Mineral Area College — Missouri S&T

Chemistry BA

Transfer Guide Effective as of Fall 2025

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

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 Applies to degree as Gen Ed Communication requirement.	3
Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages.	12	Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages.	12
		Total Hours			Total Hours
		18			18

Mathematics and Sciences

Take all courses.

MAT 1650	Analytical Geometry and Calculus I	5	MATH 1214	Calculus I	4
MAT 2150	Analytical Geometry and Calculus II	5	MATH 1215	Calculus II	4
PHS 1350	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHS 1390	General Chemistry II	5	CHEM 1320, 1510	General Chemistry II and Qualitative Analysis	5
BIO 1150	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab* or other biological science Satisfies a biological sciences elective requirement. The lab is not a degree requirement, will transfer as general elective credit.	3
		Total Hours			Total Hours
		25			21

Humanities

Select up to 12 hours to include at least one course in each of the three areas of literature (English and American), philosophy, and non-performance fine arts (art, music, and theater).

ENG 2330 or ENG 2340 or ENG 2430 or ENG 2440	English Literature I or English Literature II or American Literature I or American Literature II	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222	British Literature I: The Beginnings to 1800 or British Literature II: 1800 to Present American Literature: 1600 to 1865 or American Literature: 1865 to Present	3
ART 1490 or MUS 1630 or THE 1000	History of Art I or Appreciation of Music or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre via Video	3
PHI 1400	Intro to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy	3
Humanities Elective	Other fine art, literature, or philosophy	3	Humanities Elective	Other fine art, literature, or philosophy	3
		Total Hours			Total Hours
		12			12

Social Sciences

Select up to 15 hours in two areas to include History 1100 and 1200.

HIS 1130	Western Civilization I	3	HISTORY 1100	Early Western Civilization required	3
HIS 1140	Western Civilization II	3	HISTORY 1200	Modern Western Civilization required	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
POS 1180	American Political Systems	3	POL SCI 1200	American Government	3
PSY 1130	General Psychology I	3	PSYCH 1101	General Psychology	3
HIS 1230	American History I	3	HISTORY 1300	American History to 1877	3
HIS 1240	American History II	3	HISTORY 1310	American History since 1877	3
Social Science	Other history, economics, political science, psychology, or sociology	3	Social Science	Other history, economics, political science, psychology, or sociology	3
		Total Hours			Total Hours
		15			15

Additional Degree Requirements

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

MAT 2250	Analytical Geometry and Calculus III	5	MATH 2222	Calculus III	4
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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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2025.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.