

# Mineral Area College — Missouri S&T

## Chemistry BA

Transfer Guide Effective as of Fall 2026

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

#### 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* <small>or other biological science Satisfies a biological sciences elective requirement. The lab is not a degree requirement, will transfer as general elective credit.</small>	3
<b>Total Hours</b>			<b>25</b>		

#### Humanities

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

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
ENG 2330 or ENG 2340 or ENG 2430 or ENG 2440 or Literature	English Literature I or English Literature II or American Literature I or American Literature II or Any literature with prerequisite of no more than English Composition I.	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or Literature	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 or Any literature with prerequisite of no more than ENGLISH 1120.	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
<b>Total Hours</b>			<b>12</b>		

#### 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 <small>required</small>	3
HIS 1140	Western Civilization II	3	HISTORY 1200	Modern Western Civilization <small>required</small>	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
<b>Total Hours</b>			<b>15</b>		

#### 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.

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