

Moberly Area Community 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.

Moberly Area Community College

Missouri S&T

Communication Skills

Take all courses.

LAL 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
LAL 102	Composition II	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		18	Total Hours		18

Mathematics and Sciences

Take all courses.

MTH 201	Analytic Geometry and Calculus I	5	MATH 1214	Calculus I	4
MTH 202	Analytic Geometry and Calculus II	5	MATH 1215	Calculus II	4
PHY 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHY 122	General Chemistry II	5	CHEM 1320,1510	General Chemistry II and Qualitative Analysis	5
BIO 101 or BIO 155	Biology or General Biology for Majors I	4	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*	General Biology and Lab*or Principles of 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		24	Total Hours		21

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 101 or ART 102 or MUS 101 or MUS 102 or DRM 120	Art Survey and Appreciation I or Art Survey and Appreciation II or Fundamentals of Music or Music Appreciation or Theatre Appreciation	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
LAL 150 or LAL 151 or LAL 120 or LAL 121 or LAL 210	English Literature Survey to 1750 or English Literature Survey from 1750 to Present or American Literature Survey to 1870 or American Literature Survey from 1870 to Present or A Survey of World Literature I	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231	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 World Literature I: Beginnings to the Renaissance	3
PHI 150 or PHI 151	Intro to Philosophy or Intro to Logic	3	PHILOS 1105 or PHILOS 1115	Self and World: Intro to Philosophy or Logic and Reasoning: An Introduction	3
Humanities Elective	Other fine art, literature, or philosophy	3	Humanities Elective	Other fine art, literature, or philosophy	3
Total Hours		12	Total Hours		12

Social Sciences

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

Select up to 15 hours in five areas to meet history 100 and 101.					
HST 101	Western Civilization I	3	HISTORY 1100	Early Western Civilization required	3
HST 102	Western Civilization II	3	HISTORY 1200	Modern Western Civilization required	3
ECN 102 or ECN 101	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PCS 105	Intro to American Government	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
HST 105	American History to 1865	3	HISTORY 1300	American History to 1877	3
HST 106	American History from 1865	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	15		
				Total Hours	15

Additional Degree Requirements

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

PHY 222	Organic Chemistry I	5	CHEM 2210, 2219	Organic Chemistry I and Lab	4
MTH 203	Analytic Geometry & Calculus III	5	MATH 2222	Calculus III	4
PHY 181 or PHY 201	General Physics I (4) or Engineering Physics I (5)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4
PHY 182 or PHY 202	General Physics II (4) or Engineering Physics II (5)	4	PHYSICS 2145 or PHYSICS 2135	College Physics II or Engineering Physics II	4

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.