

Ozarks Technical College — Missouri S&T

Chemistry BA Transfer Guide

Effective as of Fall 2023

Ozarks Technical College

Missouri S&T

Communication Skills (Take all courses)

ENG 101	Composition I	3
ENG 102	Composition II	3
	Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
Total Hours		18

ENGLISH 1120	Exposition and Argumentation	3
ENGLISH 1160	Writing and Research	3
	Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
Total Hours		18

Mathematics and Sciences (Take all courses)

MTH 140	Analytical Geometry/Calculus I	5
MTH 141	Analytical Geometry/Calculus II	5
CHM 160, 161	General Chemistry	5
CHM 170, 171	General Chemistry II	5
Total Hours		20

MATH 1214	Calculus I	4
MATH 1215	Calculus II	4
CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 1320, 1510	General Chemistry II and Qualitative Analysis	5
Total Hours		18

Humanities

(Select up to 9 hours to include at least one literature course.)

ENG 240 or ENG 270 or ENG 260	Survey of English Literature I or Survey of American Literature I or Survey of World Literature I (or other literature elective)	3
ART 100 or MUS 105 or THR 101	Art and Experience or Western Music Appreciation or Intro to Theater	3
PHL 101	Intro to Philosophy	3
	Other fine art, literature, or philosophy elective	
Total Hours		9

ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I (or other literature elective)	3
ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre via Video (or other fine art)	3
PHILOS 1105	Intro to Philosophy (or other philosophy)	3
	Other fine art, literature, or philosophy elective	3
Total Hours		9

Social Sciences

(Select up to 12 hours in two areas, to include History 1100 and 1200)

HST 105	World History I	3
HST 106	World History II	3
ECO 275 or ECO 270	Principles of Microeconomics or Principles of Macroeconomics	3
PLS 101	American Government and Politics	3
PSY 110	Intro to Psychology	3
HST 120	US History I: to 1865	3
HST 130	US History II: 1865-Present	3
	Other history, economics, political science, psychology, or sociology	
Total Hours		12

HISTORY 1100	Early Western Civilization (required)	3
HISTORY 1200	Modern Western Civilization (required)	3
ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
POL SCI 1200	American Government	3
PSYCH 1101	General Psychology	3
HISTORY 1300	American History to 1877	3
HISTORY 1310	American History since 1877	3
	Other history, economics, political science, psychology, or sociology	3
Total Hours		12

Additional Degree Requirements

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

CHM 242	Organic Chemistry I	5
CHM 243	Organic Chemistry II	5
MTH 240	Analytical Geometry/Calculus III	5
PHY 220	Physics for Engineers and Scientists I	5
PHY 222	Physics for Engineers and Scientists II	5

CHEM 2210, 2219	Organic Chemistry I and Lab	4
CHEM 2220, 2229	Organic Chemistry II and Lab	4
MATH 2222	Calculus III	4
PHYSICS 1135	Engineering Physics I	4
PHYSICS 2135	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 2023. Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.