

# Moberly Area Community College — Missouri S&T

## Chemistry BA Transfer Guide

Effective as of Fall 2023

### 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	3
	Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
		<b>Total Hours</b>	<b>18</b>		
				<b>Total Hours</b>	<b>18</b>

#### 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
		<b>Total Hours</b>	<b>20</b>		
				<b>Total Hours</b>	<b>18</b>

#### Humanities

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

LAL 150 or LAL 120 or LAL 210 or LAL 255 or LAL 125	English Literature Survey to 1750 or American Literature Survey to 1870 or A Survey of World Literature I or Women's Literature or African-American Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2242 or ENGLISH 2245	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or Literature by Women or African American Literature (or other literature elective)	3
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 (or other fine art)	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre via Video (or other fine art)	3
PHI 150	Introduction to Philosophy (or other philosophy)	3	PHILOS 1105	Intro to Philosophy (or other philosophy)	3
	Other fine art, literature, or philosophy elective	3		Other fine art, literature, or philosophy elective	3
		<b>Total Hours</b>	<b>9</b>		
				<b>Total Hours</b>	<b>9</b>

#### Social Sciences

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

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
	Other history, economics, political science, psychology, or sociology	3		Other history, economics, political science, psychology, or sociology	3
		<b>Total Hours</b>	<b>12</b>		
				<b>Total Hours</b>	<b>12</b>

#### Additional Degree Requirements

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

PHY 222	Elementary Organic Chemistry	5	CHEM 2210, 2219	Organic Chemistry I and Lab	4
MTH 203	Analytic Geometry & Calculus III	5	MATH 2222	Calculus III	4
PHY 201	Engineering Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHY 202	Engineering Physics II	5	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.