

# Moberly Area Community College — Missouri S&T

## Chemistry BA Transfer Guide

Effective as of Fall 2017

### Partner School

### Missouri S&T

#### Communication Skills (Take all courses)

LAL 101	English I	3	ENGLISH 1120	Exposition and Argumentation	3
LAL 102	Exposition	3	ENGLISH 1160	Writing and Research	3
FLN 101,102 and 201 OR FLN 111, 112 and 211	Elementary Spanish, Intermediate Spanish and Spanish Readings OR Elementary French, Intermediate French and French Readings (must be in a single lanuaaqe)	13		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
<b>Total Hours</b>					<b>18</b>

#### Mathematics and Sciences (Take all courses)

MTH 201	Analytic Geometry and Calculus I	5	MATH 1214	Calculus for Engineers I	4
MTH 202	Analytic Geometry and Calculus II	5	MATH 1215	Calculus for Engineers 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
PHY 222	Organic Chemistry I	5	CHEM 2210, 2219	Organic Chemistry I and Lab	5
<b>Total Hours</b>					<b>23</b>

#### Humanities

(Select up to 12 hours to include at least 1 fine art, 1 English, and 1 philosophy)

ART 101 or ART 102 or MUS 101 or MUS 102 or DRM 120	Art Appreciation I or Art Appreciation II or Fundamentals of Music or Music Appreciation or Theater Appreciation	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre Appreciation or other fine art	3
LAL 150 or LAL 120	English Literatuer to 1750 or American Literature to 1870	3	ENGLISH 1211 or ENGLISH 1221	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or other literature	3
PHI 150	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy or other philosophy	3
	<i>See your advisor for course options</i>			Other fine art, literature, or philosophy elective	3
<b>Total Hours</b>					<b>12</b>

#### Social Sciences

(Select up to 12 hours 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 103 or PSC 105	American Government or Functions & Policies of 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
	<i>See your advisor for course options</i>			Other economics, political science, psychology, or sociology	3
<b>Total Hours</b>					<b>12</b>

#### Additional Degree Requirements (Select additional courses to total 60 credit hours)

MTH 203	Analytic Geometry & Calculus III	5	MATH 2222	Calculus with Analytic Geometry III	4
PHY 201	College Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHY 202	College Physics II	5	PHYSICS 2135	Engineering Physics II	4
BIO 101	Biology	4	BIO SCI 1113 or BIO SCI 1213	General Biology or Principles of Biology or other life science	3
<b>Total Hours</b>					<b>13</b>

#### 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 the 2017/2018 academic year. Further information or updates are available from Missouri S&T Transfer Admissions at [transfer.mst.edu](mailto:transfer.mst.edu), [transfer@mst.edu](mailto:transfer@mst.edu), or 800-522-0938.