

Metropolitan Community Colleges — Missouri S&T

Chemistry BA Transfer Guide

Effective as of Fall 2017

Metropolitan Community Colleges

Missouri S&T

Communication Skills (Take all courses)

ENGL 101	Composition and Reading I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	Composition and Reading II	3	ENGLISH 1160	Writing and Research	3
COMM 100	Fundamentals of Speech	3	SPMS 1185	Principles of Speech	3
Foreign Language 101, 102, 203	Elementary I, Elementary II, and Upper Level Humanity in Spanish, French or German (must be in a single language)	13		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
Total Hours					21

Mathematics and Sciences (Take all courses)

MATH 180	Analytic Geometry & Calculus I	5	MATH 1214	Calculus for Engineers I	4
MATH 190	Analytic Geometry & Calculus II	5	MATH 1215	Calculus for Engineers II	4
CHEM 111	General College Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 112	General College Chemistry II	5	CHEM 1320,1510	General Chemistry II and Qualitative Analysis	5
Total Hours					20

Humanities (Select 3 hours)

ART 108	Survey of Art	3	ART 1180	Art Appreciation	3
MUSI 108	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
SPDR 106	Theater Appreciation	3	THEATRE 1190	Theatre Appreciation	3
ENGL 220	British Literature to 1750	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENGL 222	American Literature I	3	ENGLISH 1221	American Literature: 1600 to 1865	3
PHIL 100	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
<i>See your advisor for course options</i>			Other fine art, literature, or philosophy elective		
Total Hours					3

Social Sciences (Select 6 hours)

ECON 211 or ECON 210	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
POLS 136	Introduction to American Politics	3	POL SCI 1200	American Government	3
PSYC 140	General Psychology	3	PSYCH 1101	General Psychology	3
HIST 120	United States History to 1865	3	HISTORY 1300	American History to 1877	3
HIST 121	United States History since 1865	3	HISTORY 1310	American History since 1877	3
<i>See your advisor for course options</i>			Other economics, political science, psychology, or sociology		
Total Hours					6

Additional Degree Requirements (Select up to 13 hours)

PHYS 220	Engineering Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 221	Engineering Physics II	5	PHYSICS 2135	Engineering Physics II	4
MATH 210	Analytic Geometry & Calculus III	4	MATH 2222	Calculus with Analytic Geometry III	4
CHEM 221	Organic Chemistry I	5	CHEM 2210, 2219	Organic Chemistry I and Lab	5
CHEM 222	Organic Chemistry II	5	CHEM 2220, 2229	Organic Chemistry II and Lab	5
HIST 133	Foundations of Western Civilization	3	HISTORY 1100	Early Western Civilization	3
HIST 134	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
Total Hours					13

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.