

State Fair Community College — Missouri S&T

Chemistry BA

Transfer Guide Effective as of Fall 2026

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

State Fair Community College

Missouri S&T

Communication Skills

Take all courses.

ENGL 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	English 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			Total Hours
		18			18

Mathematics and Sciences

Take all courses.

MATH 210	Calculus and Analytic Geometry I	5	MATH 1214	Calculus I	4
MATH 211	Calculus and Analytic Geometry II	5	MATH 1215	Calculus II	4
CHEM 123	General Chemistry I with Lab	4	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 124	General Chemistry II with Lab	5	CHEM 1320, 1510	General Chemistry II and Qualitative Analysis	5
BIO 112 or BIO 125	Principles of Biology with Lab or General Biology	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			Total Hours
		23			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 MUS 101 or THEA 107	Art Appreciation or Music Appreciation or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre via Video	3
LIT 109 or LIT 107 or LIT 112 or Literature	British Literature or American Literature or World Literature or Any literature with prerequisite of no more than English Composition I.	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or Literature	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or Any literature with prerequisite of no more than ENGLISH 1120.	3
PHIL 101	Introduction to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy	3
Humanities Elective	Other fine art, literature, or philosophy	3	Humanities Elective	Other fine art, literature, or philosophy	3
		Total Hours			Total Hours
		12			12

Social Sciences

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

HIST 108	World Civilization Before 1500 required	3	HISTORY 1100	Early Western Civilization required	3
HIST 109	World Civilization After 1500 required	3	HISTORY 1200	Modern Western Civilization required	3
ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
POLS 101	American/National Government	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
HIST 101	US History Before 1877	3	HISTORY 1300	American History to 1877	3
HIST 102	US History Since 1877	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			Total Hours
		15			15

Additional Degree Requirements

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

CHEM 221	Organic Chemistry I with Lab	5	CHEM 2210, 2219	Organic Chemistry I and Lab	4
CHEM 222	Organic Chemistry II with Lab	5	CHEM 2220, 2229	Organic Chemistry II and Lab	4
MATH 212	Calculus and Analytic Geometry III	5	MATH 2222	Calculus III	4
PHYS 211	Engineering Physics I with Lab	5	PHYSICS 1135	Engineering Physics I	4
PHYS 212	Engineering Physics II with Lab	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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2026.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.