

State Fair Community College — Missouri S&T

Biological Sciences 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 or COM 101	English Composition II or Public Speaking	3	ENGLISH 1160 or SPMS 1185	Writing and Research or Principles of Speech 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 18			Total Hours 18		

Major Requirements

Take all courses.

BIO 112 or BIO 125	Principes 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	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 (3) and Qualitative Analysis (2) *CHEM 1510 is not a degree requirement, transfers as general elective credit.	3
Total Hours 13			Total Hours 12		

Mathematics and Physical Sciences

Select 9 hours to include college algebra or higher math.

MATH 114	Precalculus Algebra or higher math	3	MATH 1140	College Algebra or higher math	3
EASC 120	Intro to Astronomy	3	PHYSICS 1505	Introductory Astronomy or other physics	3
EASC 106 or EASC 118	Intro to Geology with Lab (4) MOTR GEOL 100L or Environmental Geology (3) MOTR GEOL 100	3	GEO ENG 1150 (GEOLOGY 1110)	Physical and Environmental Geology MOTR GEOL 100 or other geology	3
Physics or Geology	Other physics or geology.	3	Physics or Geology	Other physics or geology.	3
Mathematics	Other mathematics higher than college algebra.	3	Mathematics	Other mathematics higher than college algebra.	3
Total Hours 9			Total Hours 9		

Humanities

Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatre), philosophy, literature.

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
Total Hours 9			Total Hours 9		

Social Sciences

Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.

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
Total Hours 9			Total Hours 9		

Additional Degree Requirements

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

BIO 210	Principles of Genetics with Lab	4	BIO SCI 2223	General Genetics	3
CHEM 221	Organic Chemistry I with Lab	5	CHEM 2210, 2219*	Organic Chemistry I (3) and Lab* (1) *The lab is not a degree requirement, transfers as general elective credit.	4
CHEM 222	Organic Chemistry II with Lab	5	CHEM 2220, 2229*	Organic Chemistry II (3) and Lab* (1) *The lab is not a degree requirement, transfers as general elective credit.	4
HIST 108	World Civilization Before 1500	3	HISTORY 1100	Early Western Civilization	3
HIST 109	World Civilization After 1500	3	HISTORY 1200	Modern Western Civilization	3

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.
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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.