

Johnson County Community College — Missouri S&T

Environmental Science BS

Transfer Guide Effective as of Fall 2026

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

Johnson County Community College

Missouri S&T

Communication Skills

Take all courses.

ENGL 121 or ENGL 119	Composition I (3) or College Composition I with Review (5)	3	ENGLISH 1120	Exposition and Argumentation	3		
ENGL 122	Composition II	3	ENGLISH 1160	Writing and Research Applies to degree as Gen Ed communication requirement.	3		
		Total Hours	6			Total Hours	6

Mathematics and Science

Take all courses.

MATH 231 and 232 or MATH 241	Business and Applied Calculus I and II (6)* or Calculus I (5) *The combination of MATH 231 and 232 is equivalent to S&T MATH 1212.	5	MATH 1212 or MATH 1214	Survey Calculus (4) or Calculus I (4) *A maximum of 4 credit hours will apply to this degree requirement. Additional credit hours will apply to the degree totals as general elective credit.	4		
CHEM 124, 125	General Chemistry I and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5		
CHEM 131, 132	General Chemistry II and 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		
PHYS 130 or PHYS 220	College Physics I or Engineering Physics I	5	PHYSICS 1145 or PHYSICS 1135	College Physics I or Engineering Physics I	4		
GEOS 130	General Geology	5	GEOLOGY 1110	Physical and Environmental Geology	3		
EVNR 130	Environmental Science	3	BIO SCI 1173	Intro to Environmental Sciences	3		
BIOL 205	General Genetics	3	BIO SCI 2223	General Genetics	3		
		Total Hours	31			Total Hours	25

Humanities, Arts, and Social Sciences General Education Requirements

From the options listed in each group below, select 12 hours to include
6 hours Humanities and Fine Arts from at least two specific disciplines and
6 hours Behavioral and Social Sciences from at least two specific disciplines.

*At least one course must be selected from HISTORY 1200, 1300, 1310, or POL SCI 1200 to satisfy the State of Missouri government requirement.

Humanities and Fine Arts

Select 6 hours from at least two specific disciplines to include either HISTORY 1300 or 1310.

HIST 140* or HIST 141*	US History to 1877* or US History since 1877* *Satisfies the State of Missouri government requirement.	3	HISTORY 1300* or HISTORY 1310*	American History to 1877 or American History since 1877 *Satisfies the State of Missouri government requirement.	3
ENGL 236 or ENGL 237 or ENGL 246 or ENGL 247 or ENGL 251 or MUS 121 or MUS 126 or THEA 120 or Literature	British Literature to 1800 or British Literature after 1800 or American Literature I or American Literature II or World Literature to 1620 or Intro to Music Listening or Intro to World Music or Intro to Theatre or Any literature with prerequisite of no more than English Composition I. *Satisfies the State of Missouri government requirement.	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231 or MUSIC 1150 or MUSIC 1150 or THEATRE 1190 or Literature	British Literature I: The Beginnings to 1800 or British Literature II: 1800 to Present American Literature: 1600 to 1865 or American Literature: 1865 to Present or World Literature I: Beginnings to the Renaissance or Music Appreciation or Music Appreciation or Theatre via Video or Any literature with prerequisite of no more than ENGLISH 1120.	3

Behavioral and Social Sciences

Both ECON 1100 and POL SCI 1200 are required.

ECON 231	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
POLS 124*	American National Government* *Satisfies the State of Missouri government requirement.	3	POL SCI 1200*	American Government* *Satisfies the State of Missouri government requirement.	3
Total HASS Hours		12	Total HASS Hours		12

Additional Degree Requirements

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

BIOL 127	General Zoology	5	BIO SCI 2353	Zoology Applies to degree as upper-division elective.	3
BIOL 125	General Botany	5	BIO SCI 2383	Plant Biology Applies to degree as upper-division elective.	3
Electives	Free Electives	2	Electives	Free Electives	2

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.