

Three Rivers College — Missouri S&T

Computer 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.

Three Rivers College

Missouri S&T

Communication Skills

Take all courses.

ENGL 111	College Writing	3	ENGLISH 1120	Exposition and Argumentation	3		
ENGL 112	Advanced College Writing	3	ENGLISH 1160	Writing and Research	3		
		Total Hours	6			Total Hours	6

Computer Science, Mathematics, and Science

Take all courses.

MATH 171	Analytic Geometry and Calculus I	5	MATH 1214	Calculus I	4		
MATH 271	Analytic Geometry and Calculus II	5	MATH 1215	Calculus II	4		
		Total Hours	10			Total Hours	8

Engineering/Science Electives

Select up to 6 hours in engineering/science electives not already used to satisfy another degree requirement. See Approved Science and Engineering Electives at <https://cs.mst.edu/undergraduate-degree/>

MATH 272	Analytic Geometry and Calculus III Or other math 2000-level or higher or Any statistics 4000-level or higher	5	MATH 2222	Calculus III Or other math 2000-level or higher or Any statistics 4000-level or higher Satisfies the 3-hour science lecture/lab requirement. Credit hours apply to degree totals as indicated for each course.	3
PHYS 211	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 212	General Physics II	5	PHYSICS 2135	Engineering Physics II	4
Physics	Any physics excluding the equivalent of S&T PHYS 2111, 2119, 2135, and 2145, except as noted above.	3	Physics	Any physics excluding the equivalent of S&T PHYS 2111, 2119, 2135, and 2145, except as noted above.	3
Science	Any biology, chemistry, geology, or environmental science.	3	Science	Any biology, chemistry, geology, or environmental science.	3
*A maximum of 6 hours applies to engineering/science elective requirements. Any additional credit hours apply to degree totals as general elective credit.					
Total Hours		6	Total Hours		6

Natural Sciences General Education Requirements

Select 7 hours to include at least two specific disciplines and to include at least 1 hour of lab.

CHEM 121 or BIOL 191 or BIOL 192	General Chemistry I or Biology I or Biology II	4	CHEM 1310, 1319 or BIO SCI 1213, 1219 or BIO SCI 1223, 1229	General Chemistry I (4) and Lab (1) or General Biology (3) and Lab (1) or Biodiversity (3) and Lab (1) Satisfies the gen ed natural science lecture/lab requirement. Lecture/lab pair must total a minimum of 4 hours.	4
Natural Science	Any Biology (1113 or higher), Chemistry (1301 or higher), Geology (1110 or higher) or Physics (1111 or higher)	3	Natural Science	Any Biology (1113 or higher), Chemistry (1301 or higher), Geology (1110 or higher) or Physics (1111 or higher)	3
Total Hours		7	Total Hours		7

Humanities, Arts, and Social Sciences General Education Requirements

From the options listed in each group below, select 15 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.

ENGL 231 or ENGL 232 or ENGL 241 or ENGL 242 or ENGL 221 or HIST 111* or HIST 112* or ARTS 123 or ARTS 110 or MUSC 123 or THEA 120 or Literature	English Literature to 1798 or English Literature since 1798 or American Literature to 1870 or American Literature since 1870 or World Literature to 1600 or American History to 1877* or American History since 1877* or History and Appreciation of Art or Intro to Art or History and Appreciation of Music or History and Appreciation of Theatre or Any literature with prerequisite of no more than English Composition I. *Satisfies the State of Missouri government requirement.	6	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231 or HISTORY 1300* or HISTORY 1310* or ART 1180 or ART 1180 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 American History to 1877* or American History Since 1877* or Art Appreciation or Art Appreciation or Music Appreciation or Theatre via Video or Any literature with prerequisite of no more than ENGLISH 1120. *Satisfies the State of Missouri government requirement.	6
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Behavioral and Social Sciences

Select 6 hours from at least two specific disciplines, to include an upper-level ethics course.

HIST 121 or HIST 122* or GOVT 121* or PSYC 111 or ECON 212 or ECON 211 or Foreign Language	World Civilization to the Renaissance or World Civilization since the Renaissance* or National and State Government* or General Psychology or Principles of Microeconomics or Principles of Macroeconomics or Elementary or Intermediate Foreign Language *Satisfies the State of Missouri government requirement.	3	HISTORY 1100 or HISTORY 1200* or POL SCI 1200* or PSYC 1101 or ECON 1100 or ECON 1200 or Foreign Language	Early Western Civilization or Modern Western Civilization* or American Government* or General Psychology or Principles of Microeconomics or Principles of Macroeconomics or Elementary or Intermediate Foreign Language *Satisfies the State of Missouri government requirement.	3
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Humanities, Arts, and Social Sciences

SPMS 1185 is required.

SCOM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3		
		Total HASS Hours	15			Total HASS Hours	12

Additional Degree Requirements

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

Electives	Maximum Free Electives	7	Electives	Maximum Free Electives	7
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Maximum credit hours to be transferred to Missouri S&T degree requirements.

68

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.