

Three Rivers College — Missouri S&T

Computer Science BS Transfer Guide

Effective as of Fall 2020

Three Rivers College

Missouri S&T

Communication Skills and (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
SCOM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours		9	Total Hours		9

Computer Science, Mathematics, and Science (Take all courses)

MATH 171	Analytical Geometry and Calculus I	5	MATH 1214	Calculus for Engineers I	4
MATH 271	Analytical Geometry and Calculus II	5	MATH 1215	Calculus for Engineers II	4
PHYS 211	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 212	General Physics II	5	PHYSICS 2135	Engineering Physics II	4
Total Hours		20	Total Hours		16

Social Sciences (Select 9 credit hours to include one course to satisfy state requirement)

HIST 122 or HIST 111 or HIST 112 or GOVT 121	World Civilization since the Renaissance or American History to 1877 or American History since 1877 or National and State Government <small>(At least one of these courses is required to satisfy state requirement)</small>	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200	Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government <small>(At least one of these courses is required to satisfy state requirement)</small>	3
ECON 212 or ECON 211	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
<i>See your advisor for course options</i>			Other economics, history, political science, sociology, psychology elective.		
Total Hours		9	Total Hours		9

Literature and Philosophy/Ethics (Select 6 credit hours to include at least one literature course and one philosophy/ethics course)

ENGL 231	English Literature to 1798	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENGL 241	American Literature to 1870	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENGL 221	World Literature to 1600	3	ENGLISH 1231	World Literature I	3
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
<i>See your advisor for course options</i>			Other literature elective		
<i>See your advisor for course options</i>			Other philosophy/ethics elective		
Total Hours		6	Total Hours		6

Additional Degree Requirements (Select up to 25 hours)

MATH 272	Analytical Geometry and Calculus III	5	MATH 2222	Calculus with Analytic Geometry III <small>(Not required for Computer Science BS. Will transfer as science/engineering elective)</small>	4
CHEM 121 or BIOL 101 or PHYS 150	General Chemistry I (5) or General Biology (5) or Environmental Geology (4)	4-5	CHEM 1310, 1319 or BIO SCI 1113, 1219 or GEOLOGY 1110	General Chemistry I (4) and Lab (1) or General Biology (3) and Lab (2) or Physical and Environmental Geology (3) <small>(Applies to S&T degree as science/engineering elective)</small>	3-5

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

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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.