

Jefferson College — Missouri S&T

Computer Science BS Transfer Guide

Effective as of Fall 2017

Partner School

Missouri S&T

Communication Skills (Take all courses)

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	Composition and Rhetoric II	3	ENGLISH 1160	Writing and Research	3
SPD 175	Public Speaking <i>(Required for AA degree)</i>	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

Mathematics and Science (Take all courses)

MTH 180	Calculus I	5	MATH 1214	Calculus for Engineers I	4
MTH 185	Calculus II	5	MATH 1215	Calculus for Engineers II	4
PHY 123	General Physics I	4	PHYSICS 1135	Engineering Physics I	4
PHY 124	General Physics II	4	PHYSICS 2135	Engineering Physics II	4
Total Hours			Total Hours		
18			16		

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

HIST 102 or HIST 103 or HIST 104 or PSC 102	Renaissance to Early Modern Europe or US History I or US History II or and Missouri Govt. and Constitution <small>least one of these courses is required to satisfy state requirement</small>	US (At) 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
ECO 102 or ECO 101	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours			Total Hours		
9			9		

See your advisor for course options

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

ENG 130	English Life & Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENG 175	American Literature I	3	ENGLISH 1221	American Literature: 1600 to 1865	3
PHL 102	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
Total Hours			Total Hours		
6			6		

See your advisor for course options

Additional Degree Requirements (Select up to 21 hours)

MTH 201	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
MTH 172	Linear Algebra	3	MATH 3108	Linear Algebra	3
CHM 111 or BIO 101	General Chemistry I or Biology	General	CHEM 1310, 1319 or BIO SCI 1113, 1219	General Chemistry I and Lab or General Biology and Lab <small>(Applies to S&T degree as science elective)</small>	5
CIS 155	Intro to Computer Programming	3	CS 1570	Intro to Programming	3
Total Hours			Total Hours		
21			21		

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.