

Crowder College — Missouri S&T

Computer Science BS Transfer Guide

Effective as of Fall 2020

Crowder College

Missouri S&T

Communication Skills and (Take all courses)

ENGL 101	English Composition	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	Advanced English Composition	3	ENGLISH 1160	Writing and Research	3
COMM 104	Fundamentals of Speech	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

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

COMP 111 or	Intro to Computer Science	4	CS 1500	Computational Problem Solving	3
MATH 150, 160	Calculus I Part I and II	5	MATH 1214	Calculus for Engineers I	4
MATH 201	Calculus II	5	MATH 1215	Calculus for Engineers II	4
PHYS 190	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 210	General Physics II	5	PHYSICS 2135	Engineering Physics II	4
Total Hours			Total Hours		
24			19		

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

HIST 102 or	Western Civilization II or		HISTORY 1200 or	Modern Western Civilization or	
HIST 106 or	U.S. History I or		HISTORY 1300 or	American History to 1877 or	
HIST 107 or	U.S. History II or	3	HISTORY 1310 or	American History Since 1877 or	3
PLSC 103	National, State, Local Government		POL SCI 1200	American Government	
<small>(At least one of these courses is required to satisfy state requirement)</small>			<small>(At least one of these courses is required to satisfy state requirement)</small>		
ECON 202 or	Principles of Economics II (Micro) or	3	ECON 1100 or	Principles of Microeconomics or	3
ECON 201	Principles of Economics I (Macro)		ECON 1200	Principles of Macroeconomics	
PSYC 101	General Psychology	3	PSYCH 1101	General Psychology	3
<i>See your advisor for course options</i>			<i>Other economics, history, political science, sociology, psychology elective.</i>		
Total Hours			Total Hours		
9			9		

Literature and Philosophy/Ethics

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

ENGL 240	British Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENGL 230	Survey of American Literature I	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENGL 222	World Literature I	3	ENGLISH 1231	World Literature I	3
PHIL 101	Intro to Western Philosophy	3	PHILOS 1105	Intro to Philosophy	3
<i>See your advisor for course options</i>			<i>Other literature elective</i>		
<i>See your advisor for course options</i>			<i>Other philosophy/ethics elective</i>		
Total Hours			Total Hours		
6			6		

Additional Degree Requirements (Select up to 25 hours)

MATH 202	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 111 or	General Biology (4) or		CHEM 1310, 1319 or	General Chemistry I (4) and Lab (1) or	
BIOL 101 or	General Chemistry I (5) or	4-5	BIO SCI 1113, 1219 or	General Biology (3) and Lab (2) or	3-5
GEOL 115	Intro to Geology (4)		GEOLOGY 1110	Physical and Environmental Geology (3) <small>(Applies to S&T degree as science/engineering elective)</small>	

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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2020. Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.