

Moberly Area Community College — Missouri S&T

Computer Science BS Transfer Guide

Effective as of Fall 2020

Moberly Area Community College

Missouri S&T

Communication Skills and (Take all courses)

LAL 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
LAL 102	Composition II	3	ENGLISH 1160	Writing and Research	3
SPK 101	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

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

MTH 201	Analytic Geometry and Calculus I	5	MATH 1214	Calculus for Engineers I	4
MTH 202	Analytic Geometry and Calculus II	5	MATH 1215	Calculus for Engineers II	4
PHY 201	Engineering Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHY 202	Engineering Physics II	5	PHYSICS 2135	Engineering Physics II	4
Total Hours			Total Hours		
20			16		

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

HST 102 or HST 105 or HST 106 or PSC 105	Western Civilization II or American History to 1865 or American History fromn 1865 or Intro to American 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
ECN 102 or ECN 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)

LAL 150	English Literature Survey to 1750	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
LAL 120	American Literature Survey to 1870	3	ENGLISH 1221	American Literature: 1600 to 1865	3
LAL 201	World Literature I	3	ENGLISH 1231	World Literature I	3
LAL 255	Women's Literature	3	ENGLISH 2242	Literature by Women	3
LAL 125	African-American Literature	3	ENGLISH 2245	African American Literature	3
PHI 150	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 25 hours)

MTH 203	Analytic Geometry and Calculus III <small>(if required for AS degree)</small>	5	MATH 2222	Calculus with Analytic Geometry III <small>(Not required for Computer Science BS. Will transfer as science/engineering elective)</small>	4
PHY 121 or BIO 101 or PHY 163	General Chemistry I (5) or Biology (5) or Geology (4)	4-5	CHEM 1310, 1319 or BIO SCI 1113, 1219 or GEOLOGY 1110	General Chemistry I and Lab or General Biology and Lab or Physical and Environmental Geology <small>(Applies to S&T degree as science/engineering elective)</small>	5
Total Hours			Total Hours		
9			9		

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.