

Crowder College — Missouri S&T

Geology and Geophysics BS Transfer Guide

Effective as of Fall 2017

Crowder College

Missouri S&T

Communication Skills (Take all courses)

ENGL 101	English Composition	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
SPCH 101	Speech (Required for AA degree)	3	SPMS 1185	Principles of Speech (Applies to S&T degree as free elective)	3
Total Hours			9		

Total Hours 9

Total Hours 9

Mathematics and Science (Take all courses)

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
CHEM 111	General Chemistry	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHYS 190	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 210	General Physics II	5	PHYSICS 2135	Engineering Physics II	4
GEO 105	Geology	5	GEOLOGY 1110, 1119	Physical and Environmental Geology and Lab	4
COMP 111 or COMP 101	Intro to Computer Science Intro to Computer Science	3	CS 1570, 1580 or CS 1971, 1981	Intro to Programming or Intro to Programming Methodology and Lab	3
Total Hours			25		

Total Hours 25

Total Hours 25

Social Sciences (Take all courses)

HIST 102 or HIST 106 or HIST 107 or PLSC 103	Westen Civilization II or US History or US History II or National, State, and Local 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 202 or ECON 201	Principles of Economics II (Micro) or Principles of Economics I (Macro)	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSYC 101	General Psychology <i>See your advisor for course options</i>	3	PSYCH 1101	General Psychology Other economics, history, political science, sociology, psychology elective	3
Total Hours			9		

Total Hours 9

Total Hours 9

Humanities (Select 6 hours)

ART 101	Art Appreciation	3	ART 1180	Art Appreciation	3
MUSC 101	Music History and Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
PHIL 101	Introduction to Philosophy <i>See your advisor for course options</i>	3	PHILOS 1105	Intro to Philosophy Other fine art, literature, or philosophy elective	3
Total Hours			6		

Total Hours 6

Total Hours 6

Additional Degree Electives (Select up to 9 hours)

MATH 202	Calculus III	5	MATH 2222	Calculus with Analytic Geometry III <small>(Transfers as required science elective)</small>	4
MATH 210	Differential Equations	3	MATH 3304	Elementary Differential Equations <small>(Transfers as required science elective)</small>	3
CHEM 112	General Chemistry II	5	CHEM 1320	General Chemistry II <small>(Transfers as required science elective)</small>	3
BIOL 101	General Biology (Required for AA degree)	5	BIO SCI 1113	General Biology <small>(Transfers as required science elective)</small>	3
Total Hours			9		

Total Hours 9

Total Hours 9

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

69

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.