Moberly Area Community College — Missouri S&T

Geology and Geophysics BS Transfer Guide

Effective as of Fall 2023

Moberly Area Community College			Missouri S&T		
Communication Skills (Take all courses)					
LAL 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
LAL 102 or IND 120	Composition II or Technical Report Writing	3	ENGLISH 1160 or ENGLISH 3560	Writing and Research or Technical Writing	3
SPK 101	Public Speaking (if 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
Mathematics and Science (Take all courses)					
MTH 201	Analytic Geometry and Calculus I	5	MATH 1214	Calculus I	4
MTH 202	Analytic Geometry and Calculus II	5	MATH 1215	Calculus II	4
PHY 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHY 201	Engineering Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHY 202	Engineering Physics II	5	PHYSICS 2135	Engineering Physics II	4
PHY 163	Geology	4	GEOLOGY 1110 (GEO ENG 1150)	Physical and Environmental Geology	3
CIS 208	Data Structures I	3	CS 1500	Computational Problem Solving	3
	Total Hours	32		Total Hours	27
Social Sciences (Take all courses)					
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 (At least one of these courses is required to satisfy state	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 (At least one of these courses is required to satisfy state requirement)	3
ECN 102 or ECN 101	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
	Other economics, history, political science, sociology, psychology elective	3		Other economics, history, political science, sociology, psychology elective	3
	Total Hours	9		Total Hours	9
Humanities (Select 6 hours)					
ART 101 or ART 102	Art Survey and Appreciation I or Art Survey and Appreciation I	3	ART 1180	Art Appreciation	3
MUS 101 or MUS 102	Fundamentals of Music or Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
DRM 120	Theatre Appreciation	3	THEATRE 1190	Theatre via Video	3
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
	Other fine art, literature, or philosophy elective	3		Other fine art, literature, or philosophy elective	3
	Total Hours	6		Total Hours	6
Additional Degree Requirements Select additional courses to total up to the maximum transfer credit hours shown below.					
MTH 203	Analytic Geometry and Calculus III	5	MATH 2222	Calculus III (Transfers as required science elective)	4
MTH 250	Differential Equations	3	MATH 3304	Elementary Differential Equations (Transfers as required science elective)	3
PHY 122	General Chemistry II	5	CHEM 1320	General Chemistry II (Transfers as required science elective)	3
BIO 101	Biology (Required for AA degree)	4	BIO SCI 1113	General Biology (Transfers as required science elective)	3
	Other science, mathematics, or engineering course.	3		Other science, mathematics, or engineering course.	3

Maximum credit hours to be transferred to Missouri S&T degree requirements. 67

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 2023. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.