

# Three Rivers College — Missouri S&T

## Geology and Geophysics BS Transfer Guide

Effective as of Fall 2017

### Three Rivers College

### Missouri S&T

#### Communication Skills (Take all courses)

ENGL 111	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 112	English Composition II	3	ENGLISH 1160	Writing and Research	3
SCOM 110	Public Speaking (for AA degree)	(Required) 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)

MATH 171	Analytical Geometry and Calculus I	5	MATH 1214	Calculus for Engineers I	4
MATH 271	Analytical Geometry and Calculus II	5	MATH 1215	Calculus for Engineers II	4
CHEM 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHYS 211	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 212	General Physics II	5	PHYSICS 2135	Engineering Physics II	4
Total Hours					25
					Total Hours 21

#### Social Sciences (Take all courses)

HIST 122 or HIST 111 or HIST 112 or GOVT 121	World Civ since Renaissance or American History to 1877 or History Since 1877 or National & State Government (At least one of these courses is required to satisfy state requirement)	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
ECON 212 or ECON 211	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
			Other economics, history, political science, sociology, psychology elective		
Total Hours					9
					Total Hours 9

#### Humanities (Select 6 hours)

ARTS 123 or ARTS 110	History and Appreciation of Art or Intro to Art	3	ART 1180	Art Appreciation	3
MUSC 123	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THEA 120	History and Appreciation of Theatre	3	THEATRE 1190	Theatre Appreciation	3
ENGL 231	English Literature to 1798	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENGL 241	American Literature to 1870	3	ENGLISH 1221	American Literature: 1600 to 1865	3
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
			Other fine art, literature, or philosophy elective		
Total Hours					6
					Total Hours 6

#### Additional Degree Electives (Select up to 9 hours)

MATH 272	Analytical Geometry and Calculus III	5	MATH 2222	Calculus with Analytic Geometry III (Transfers as required science elective)	4
CHEM 122	General Chemistry II and Lab	5	CHEM 1320	General Chemistry II (Transfers as required science elective)	3
BIOL 101	General Biology (Required for AA degree)	5	BIO SCI 1113	General Biology (Transfers as required science elective)	3
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.