

Three Rivers College — Missouri S&T

Physics 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 (Required for AA degree)	3	SPMS 1185	Principles of Speech (Not required for S&T degree. Transfers as free elective)	3
		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
MATH 272	Analytical Geometry and Calculus III	5	MATH 2222	Calculus with Analytic Geometry III	4
CHEM 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 122	General Chemistry II	5	CHEM 1320	General Chemistry II	3
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			35
				Total Hours	28

Social Sciences (Select 9 hours)

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
<i>See your advisor for course options</i>		Social Sciences		Social Sciences Elective: Any economics, history, political science, sociology, psychology elective	6
		Total Hours			9
				Total Hours	9

Humanities (Select 6 credit hours to include one literature and one additional humanities)

<i>See your advisor for course options</i>		Literature Elective (required)		3	
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
<i>See your advisor for course options</i>		Other fine art, literature, or philosophy elective			
		Total Hours			6
				Total Hours	6

Additional Degree Requirements (Select up to 12 hours)

BIOL 101	General Biology (Required for AA degree)	5	BIO SCI 1113	General Biology (Transfers as required free elective)	3
		Total Hours			12
				Total Hours	12

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.