Metropolitan Community College — Missouri S&T

Physics BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

Metropolitan Community College			Missouri S&T			
Со	mmunicati	on Skill	s (Take all course	es)		
Composition and Reading I		3	ENGLISH 1120	Exposition and Argumentation		3
Composition and Reading II or		3	ENGLISH 1160 or	Writing and Research or		3
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i undamentals of opecon	Total Hours		OI WO 1 100	Timolples of Opecon	T-1-111	9
Mode			oo /Toko all aave	······	lotal Hours	9
	iematics ar					
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0 0 ,				0 0 ,		4
			PHYSICS 2135	Engineering Physics II		4
General College Chemistry I		5	CHEM 1310, 1319	General Chemistry I and Lab		5
General College Chemistry II		5	CHEM 1320	General Chemistry II		3
	Total Hours	34			Total Hours	28
	Social Scient	ences (1	Take all courses)			
United States History to 1865 or			HISTORY 1300 or	American History to 1877 or		
•		3		•		3
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		2				3
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General Esychology	Total Hours		FOTON HUI	General Esychology	Total Hours	9
			re ell equippes)		Total Hours	9
	Humanii	iles (Tar	<u> </u>			
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Music Appreciation or		3	MUSIC 1150 or	Music Appreciation or		3
Theater Appreciation			THEATRE 1190	Theatre via Video		
British Literature to 1750 or			ENGLISH 1211 or	British Literature I: The Beginnings to	1800 or	
American Literature I or			ENGLISH 1221 or	American Literature: 1600 to 1865 or		
World Literature I or		2	ENGLISH 1231 or	World Literature I or		3
Women's Literature or		3	ENGLISH 2242 or	Literature by Women or		3
			ENGLISH 2245 or	•		
(or other literature elective)			2.102.0.122.00.	(or other literature elective)		
	Total Hours	6		· ·	Total Hours	6
	Additiona	l Degre	e Requirements			
Select additional courses to				credit hours shown below.		
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•						3
97				5,		
•		4				3
1 Hydiodi Goology			02020011110	Thyologi and Environmental Goology		
Additional Course	es for Teacl	her Cert	tification Option ((Take all courses)		
			<u> </u>	<u>, </u>		2
		_	PSYCH 2300	·		
Educational Psychology		3	(EDUC 2102)	Educational Psychology		3
Luucational F Sychology			(2000 2102)			
		1	DCVCH 3310	Developmental Psychology		2
Human Development Education of Exceptional Learners		4	PSYCH 3310 PSYCH 4310	Developmental Psychology Psychology of the Exceptional Child		3
	Composition and Reading I Composition and Reading II or Technical Writing Fundamentals of Speech Math Analytic Geometry & Calculus II Analytic Geometry & Calculus III Engineering Physics I Engineering Physics II General College Chemistry I General College Chemistry II United States History to 1865 or United States History since 1865 or Western Civilization II Intro to American Politics General Psychology Survey of Art or Music Appreciation British Literature to 1750 or American Literature I or World Literature I or World Literature I or Women's Literature or African-American Literature (or other literature elective) Select additional courses to Differential Equations General Biology General Astronomy or Physical Geology	Composition and Reading I Composition and Reading II or Technical Writing Fundamentals of Speech Total Hours Mathematics and Analytic Geometry & Calculus II Analytic Geometry & Calculus III Engineering Physics I Engineering Physics II General College Chemistry I General College Chemistry II Total Hours Social Sciel United States History to 1865 or United States History since 1865 or Western Civilization II Intro to American Politics General Psychology Total Hours Humanit Survey of Art or Music Appreciation or Theater Appreciation British Literature to 1750 or American Literature I or World Literature I or Women's Literature or African-American Literature (or other literature elective) Total Hours Additional Select additional courses to total up to Differential Equations General Biology General Astronomy or Physical Geology Additional Courses for Teac	Communication Skill Composition and Reading I	Communication Skills (Take all course) Composition and Reading I	Composition and Reading I	Composition and Reading II or 3 ENGLISH 1120 Exposition and Argumentation Composition and Reading II or Technical Writing 3 ENGLISH 1180 or Technical Writing 3 ENGLISH 1180 or Technical Writing 3 ENGLISH 3560 SPMS 1185 Principles of Speech Total Hours 9 Principles of Speech Total Hours Mathematics and Science (Take all courses) Analytic Geometry & Calculus II 5 MATH 1214 Calculus II Calculus II Calculus II Calculus II Calculus II Engineering Physics I 5 PHYSICS 1135 Engineering Physics I Engineering Physics II 5 PHYSICS 1135 Engineering Physics II Engineering Physics II 5 PHYSICS 1135 Engineering Physics II General College Chemistry II 5 CHEM 130, 1319 General Chemistry I and Lab General College Chemistry II 5 CHEM 130, 1319 General Chemistry I and Lab General College Chemistry II Total Hours Social Sciences (Take all courses) United States History to 1865 or HISTORY 1300 or Western Civilization II Intro to American Politics II S PSYCH 1101 General Physics II Fundamental Physics II S PSYCH 1101 General Physics II General College Chemistry II General Chemistry II General Chemistry II General Physics II Total Hours II Total Hour

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

61

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.