	East Central C				
	Chemistry BA with Secondary E		tion Teacher Ce	rtification Transfer Guide	
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	East Central College			<u>Missouri S&amp;T</u>	
	Communica	ation S	kills (Take all cours	es)	
NG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
NG 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
OM 110	Public Speaking Total Hours	3	SPMS 1185	Principles of Speech	3
		9 cioncos	s (Take all courses)	Total Hours	9
T 101 er		ciences	<u> </u>	American Lister to 1977 or	
ST 101 or ST 102	US History to 1877 or US History Since 1877	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
SC 102	US Government I: National and State	3	POL SCI 1200	American Government	3
SY 101	General Psychology	3	PSYCH 1101	General Psychology	3
	Total Hours	9		Total Hours	9
	Huma	nities (	Take all courses)		
T 101 or	Art Appreciation or		ART 1180 or	Art Appreciation or	
JS 101 or	Music Appreciation or	3	MUSIC 1150 or	Music Appreciation or	3
HE 101	Theatre Appreciation		THEATRE 1190	Theatre via Video	
HL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
NG 221 or NG 222	Survey American Literature: Beginnings-1865 or Survey American Literature:1865-Present	3	ENGLISH 1221 or ENGLISH 1222	American Literature: 1600 to 1865 or American Literature 1865 to Present	3
10 222	Total Hours	9	ENGLISH 1222	Total Hours	9
		-	ences (Take all cou		-
TH 190	Analytic Geometry & Calculus I	5	MATH 1214	Calculus I	4
TH 210	Analytic Geometry & Calculus II	5	MATH 1215	Calculus II	4
HM 111	General Chemistry I and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
HM 112	General Chemistry II and Lab	5	CHEM 1320, 1510	General Chemistry II and Qualitative Analysis	5
O 111	General Biology Lecture and Lab Total Hours	5 25	BIO SCI 1113, 1219	General Biology and Lab Total Hours	4 22
			ree Requirements		22
	Select additional courses to total up			credit hours shown below	
HY 211, 212	General Physics I and Lab	5	PHYSICS 1135	Engineering Physics I	4
HY 221, 222	General Physics I and Lab	5	PHYSICS 2135	Engineering Physics I	4
TH 242	Engineering Statistics	3	STAT 3113	Applied Engineering Statistics	3
HM 205	Organic Chemistry I and Lab	5	CHEM 2210, 2219	Organic Chemistry I and Lab	4
HM 206	Organic Chemistry II and Lab	5	CHEM 2220, 2229	Organic Chemistry II and Lab	4
		ion Rec	uirements (Take al	I courses)	
DU 201 or DU 214	Foundations of Education or Multicultural Education	3	EDUC 1040	Perspectives in Education	2
	Multicultural Education		PSYCH 2300		
DU 241	Educational Psychology	3	(EDUC 2102)	Educational Psychology	3
SY 250	Human Development	3	PSYCH 3310	Developmental Psychology	3
DU 244	Education of the Exceptional Learner	3	PSYCH 4310	Psychology of the Exceptional Child	3
	Total Hours equirements for Teacher Education Program: Please education.mst.edu/secondaryeducation/.	12 e view all	program requirements a	Total Hours	11
	Maximum credit hours to be transfe	erred to	Missouri S&T deg	ree requirements.	73
S	Missouri S&T residency requirements: The last tudents must receive special permission from Missouri S&T to Students are not required to complet	apply mor	e than the maximum credit h	nours listed above toward the Missouri S&T degree.	

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.