

East Central College — Missouri S&T

Business and Management Systems BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

East Central College				Missouri S&T			
Communication Skills (Take all courses)							
ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation		3	
ENG 104 or ENG 101	Technical Writing or English Composition II	3	ENGLISH 1600 or ENGLISH 1160	Intro to Technical Communication or Writing and Research (Will be substituted for ENGLISH 1600 requirement)		3	
Total Hours				Total Hours			
6				6			
Mathematics (Take all courses)							
MTH 183	College Algebra	3	MATH 1140	College Algebra		3	
MTH 180	Survey Calculus	3	MATH 1212	Survey of Calculus		4	
Total Hours				Total Hours			
6				7			
Social Sciences (Take all courses)							
ECO 102	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics		3	
ECO 101	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics		3	
HST 101 or HST 102	US History to 1877 or US History Since 1877 (or other history elective)	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History Since 1877 (or other American history elective)		3	
PSC 102	US Government National and State	3	POL SCI 1200	American Government		3	
PSY 101	General Psychology	3	PSYCH 1101	General Psychology		3	
Total Hours				Total Hours			
15				15			
Humanities (Select 1 course)							
PHL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy		3	
ART 101	Art Appreciation	3	ART 1180	Art Appreciation		3	
MUS 101	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation		3	
THE 101	Theatre Appreciation	3	THEATRE 1190	Theatre via Video		3	
ENG 210	Survey British Lit: Beginnings -1784	3	ENGLISH 1211	British Literature I: The Beginnings to 1800		3	
ENG 221	Survey American Lit: Beginnings - 1865	3	ENGLISH 1221	American Literature: 1600 to 1865		3	
ENG 222	Survey American Lit: 1865 - Present	3	ENGLISH 1222	American Literature: 1865 to Present		3	
ENG 214	Women's Literature	3	ENGLISH 2242	Literature by Women		3	
ENG 215	African-American Literature	3	ENGLISH 2245	African American Literature		3	
	Any Humanities or Social Sciences Elective	3		Any Humanities or Social Sciences Elective		3	
Total Hours				Total Hours			
3				3			
Sciences (Select 1 lecture and 1 lab)							
CHM 111	General Chemistry I and Lab	5	CHEM 1310, 1319*	General Chemistry I and Lab		5	
CHM 112	General Chemistry II and Lab	5	CHEM 1320, 1510*	General Chemistry II and Qualitative Analysis		5	
PHY 111, 112	College Physics and lab	5	PHYSICS 1145, 1119*	College Physics I and Lab		4	
PHY 121, 122	College Physics II and lab	5	PHYSICS 2145, 2119*	College Physics II and Lab		4	
BIO 111	General Biology Lecture and Lab	5	BIO SCI 1113, 1219*	General Biology and Lab		5	
GEO 101	Intro to Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology		3	
	Other biology, chemistry, physics, or geology lecture.	3		Other biology, chemistry, physics, or geology lecture.		3	
	Any biology, chemistry, physics, geology lab if not already taken above.	1		Any biology, chemistry, physics, geology lab if not already taken above.		1	
	<small>*Note: Any lab listed above will satisfy the lab requirement.</small>			<small>*Note: Any lab listed above will satisfy the lab requirement.</small>			
Total Hours				Total Hours			
4				4			
Major/Additional Requirements							
Select additional courses to total up to the maximum transfer credit hours shown below.							
ACC 101	Financial Accounting I	3	BUS 1210	Financial Accounting		3	
BUS 234	Legal Environment of Business	3	BUS 2910	Business Law		3	
ACC 110	Managerial Accounting	3	BUS 3220	Managerial Accounting		3	
CIS 101	Microcomputer Application	3	IST 1750	Information Systems		3	
CIS 143	Implementing Information Systems-User Perspective	3	IST 1551	Implementing Information Systems: User Perspective		3	
CIS 173	Implementing Information Systems-Data Perspective	3	IST 1552	Implementing Information Systems: Data Perspective		3	
BUS 111	Principles of Marketing	3	MKT 3110	Marketing		3	
Teacher Certification Requirements (Take all courses)							
EDU 201 or EDU 214	Foundations of Education or Multicultural Education	3	EDUC 1040	Perspectives in Education		2	
EDU 241	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology		3	
PSY 250	Human Development	3	PSYCH 3310	Developmental Psychology		3	
EDU 244	Education of the Exceptional Learner	3	PSYCH 4310	Psychology of the Exceptional Child		3	
Total Hours				Total Hours			
9				11			
Professional Requirements for Teacher Education Program: Please view all program requirements at https://teachereducation.mst.edu/secondaryeducation/.							
Maximum credit hours to be transferred to Missouri S&T degree requirements.							76
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.							
<small>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.</small>							