

St. Louis Community Colleges — Missouri S&T

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

Effective as of Fall 2020

St. Louis Community Colleges				Missouri S&T			
Communication Skills (Take all courses)							
ENG 101	College Composition I	3	ENGLISH 1120	Exposition and Argumentation	3		
ENG 102	College Composition II	3	ENGLISH 1160	Writing and Research (Will be substituted for ENGLISH 1600 requirement)	3		
Total Hours				Total Hours			
6				6			
Mathematics (Take all courses)							
MTH 160	Precalculus Algebra	3	MATH 1140	College Algebra	3		
MTH 186	Survey of Calculus	3	MATH 1212	Business Calculus	4		
Total Hours				Total Hours			
6				7			
Social Sciences (Take all courses)							
ECO 152	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3		
ECO 151	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3		
HIS 101 or HIS 102	US History to 1865 or US History 1865 to Present (or other American history elective)	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History Since 1877 (or other American history elective)	3		
PSC 101	Intro to American Politics	3	POL SCI 1200	American Government	3		
PSY 200	General Psychology I	3	PSYCH 1101	General Psychology	3		
Total Hours				Total Hours			
15				15			
Humanities (Select 1 course)							
PHL 101	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3		
ART 100	Art Appreciation	3	ART 1180	Art Appreciation	3		
MUS 114	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3		
THT 101	Intro to Theatre	3	THEATRE 1190	Theatre Appreciation	3		
ENG 210	British Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3		
ENG 204	American Literature I	3	ENGLISH 1221	American Literature: 1600 to 1865	3		
ENG 231	World Literature	3	ENGLISH 1231	World Literature I	3		
ENG 216	Women in Literature	3	ENGLISH 2242	Literature by Women	3		
ENG 217	Major Black Writers	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 105*	General Chemistry I	5	CHEM 1310, 1319*	General Chemistry I and Lab	5		
CHM 106*	General Chemistry II	5	CHEM 1320, 1510*	General Chemistry II and Qualitative Analysis	5		
PHY 111	College Physics I	4	PHYSICS 1145, 1119*	College Physics I and Lab	4		
PHY 112*	College Physics II	4	PHYSICS 2145, 2119*	College Physics II and Lab	4		
BIO 111*	Intro to Biology I	4	BIO SCI 1113, 1219*	General Biology and Lab	5		
GEO 111	Physical Geology	5	GEOLOGY 1110	Physical and Environmental Geology and Lab	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		
Total Hours				Total Hours			
4				4			
Major/Additional Requirements (Select up to 27 hours)							
MGT 204	Business Organization & Management	3	BUS 1110	Intro to Management and Entrepreneurship	3		
ACC 110	Financial Accounting I	4	BUS 1210	Financial Accounting	3		
BLW 101	Business Law I	3	BUS 2910	Business Law	3		
ACC 114	Managerial Accounting	3	BUS 3220	Managerial Accounting	3		
IS 153	C# Programming I	4	IST 1551	Implementing Information Systems: User Perspective	3		
IS 253	C# Programming II	4	IST 1552	Implementing Information Systems: Data Perspective	3		
MKT 203	Principles of Marketing	3	MKT 3110	Marketing	3		
Total Hours				Total Hours			
24				21			
Teacher Certification Requirements (Take all courses)							
EDU 211 or EDU 220	Foundations of Education or Teaching Profession with Field Exp	3	EDUC 1040	Perspectives in Education	2		
EDU 227	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3		
PSY 205	Human Growth and Development	3	PSYCH 3310	Developmental Psychology	3		
EDU 219	Education of Exceptional Learners	3	PSYCH 4310	Psychology of the Exceptional Child	3		
Total Hours				Total Hours			
12				11			

***Teacher certification notes:** An ACT of 22 or a 220 on the MoGEA is required for professional standing in the department. Students must pass the MoCA, maintain a 2.75 cumulative GPA, and a 3.0 content GPA to qualify for student teaching. Students completing this program will earn a BS in Business and Management Systems.

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

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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.