

St. Charles Community College — Missouri S&T

Business and Management Systems BS with Secondary Education Teacher Certification

Transfer Guide Effective as of Fall 2026

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

St. Charles Community College

Missouri S&T

Communication Skills

Take all courses.

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
		Total Hours	3		
				Total Hours	3

Mathematics

Take all courses.

MAT 210	Survey Calculus	4	MATH 1212*	Survey of Calculus* or higher math *Will be substituted for MATH 1210.	4
MAT 157 or MAT 175	College Statistics-General Education (4) or Introductory Statistics (3) or higher math or statistics	3	STAT 1115	Statistics for the Social Sciences	3
		Total Hours	7		
				Total Hours	7

Social Sciences

Take all courses.

ECO 120	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
ECO 110	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
POL 101	American Government	3	POL SCI 1200	American Government	3
PSY 101	Intro to Psychology	3	PSYCH 1101	General Psychology	3
		Total Hours	12		
				Total Hours	12

Humanities

Select 1 course.

PHL 101	Intro to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy	3
ART 1001	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 111	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THE 122	Intro to the Theatre	3	THEATRE 1190	Theatre via Video	3
LIT 250	English Literature before 1800	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
LIT 210	American Literature from 1620-1865	3	ENGLISH 1221	American Literature: 1600 to 1865	3
LIT 272	World Lit-Ancient World thru Renaissance	3	ENGLISH 1231	World Literature I	3
LIT 223	African American Literature	3	ENGLISH 2245	African American Literature	3
Humanities or Social Science	Any Humanities or Social Sciences	3	Humanities or Social Science	Any Humanities or Social Sciences	3
		Total Hours	3		
				Total Hours	3

Sciences

Select 7 hours from at least two different disciplines and to include at least 1 science lab.

BIO 105, 106* or BIO 150*	Essentials of Biology and Lab* (4) or General Biology: Cells to Organisms* (5) or higher biological science *Lab satisfies science lab requirement below.	4	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*	General Biology (3) and Lab* (1) or Principles of Biology (3) and Lab* (1) or higher biological science *Lab satisfies science lab requirement below.	3
CHM 115*	General Chemistry I* or higher chemistry *Lab satisfies science lab requirement below.	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) or higher chemistry *Lab satisfies science lab requirement below.	3
PHY 150, 153* or PHY 250* or PHY 130, 131*	General Physics I and Lab* (4) or Engineering Physics I* (4) or Astronomy (3) and Lab* (1) or higher physics *Lab satisfies science lab requirement below.	3	PHYSICS 1145* or PHYSICS 1135* or PHYSICS 1505, 1509*	College Physics I* (4) or Engineering Physics* (4) or Introductory Astronomy (3) and Lab* (1) or higher physics *Lab satisfies science lab requirement below.	3
PHY 125	Intro to Physical Geology or higher geology.	3	GEOLOGY 1110	Physical and Environmental Geology or higher geology.	3
Science Lab	One lab course from any physical or biological science if not taken with lecture course above.	1	Science Lab	One lab course from any physical or biological science if not taken with lecture course above.	1
		Total Hours	7		
				Total Hours	7

Major Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

BUS 201	Principles of Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACT 110	Financial Accounting I	4	BUS 1210	Financial Accounting	3
BUS 246	Legal Environment of Business	3	BUS 2910	Business Law	3
ACT 130	Managerial Accounting	3	BUS 3220	Managerial Accounting	3
CPT 185	C# Programming	3	IST 1551	Implementing Information Systems: User Perspective	3
BUS 220	Principles of Finance	3	FINANCE 2150	Corporate Finance I	3
BUS 230	Principles of Marketing	3	MKT 3110	Marketing	3

Teacher Certification Requirements

Take all courses.

EDU 212	Foundations of Education in a Diverse Society	3	EDUC 1074	Education in a Diverse Society	2
EDU 285	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1
EDU 240	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3
PSY 110	Human Growth and Development	3	PSYCH 3310	Developmental Psychology	3
EDU 250	Education of Exceptional Learners	3	EDUC 2310 or PSYCH 4310	Education of the Exceptional Child or Psychology of the Exceptional Child	3
		Total Hours	15		
				Total Hours	12

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.
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