

St. Louis 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. Louis Community College

Missouri S&T

Communication Skills

Take all courses.

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

Mathematics

Take all courses.

MTH 186	Survey of Calculus	3	MATH 1212*	Survey of Calculus* or higher math *Will be substituted for MATH 1210.	4
BUS 201 or MTH 180	Elementary Statistics or Introductory Statistics	3	STAT 1115	Statistics for the Social Sciences	3
		Total Hours	6		
				Total Hours	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
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	12		
				Total Hours	12

Humanities

Select 1 course.

PHL 101	Intro to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy	3
ART 100	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 114	Music Appreciation	3	MUSIC 1150	Music Appreciation	3
THT 101	Intro to Theatre	3	THEATRE 1190	Theatre via Video	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
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 111* or BIO 140*	Intro to Biology I* (4) or Principles of Biology I* (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* (2) or Principles of Biology (3) and Lab* (2) or higher biological science *Lab satisfies science lab requirement below.	3
CHM 105*	General Chemistry I* (5) or higher chemistry *Lab satisfies science lab requirement below.	3	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) or higher chemistry *Lab satisfies science lab requirement below.	3
PHY 111* or PHY 122* or PSI 111, 115*	College Physics I* (4) or Engineering Physics I* (5) or Intro to Astronomy and Observ Astronomy* (4) 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
GEO 111	Physical Geology (5) or higher geology		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.

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
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

Teacher Certification Requirements

Take all courses.

EDU 211	Foundations of Education in a Diverse Society	3	EDUC 1074	Education in a Diverse Society	2
EDU 210	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1
EDU 227	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3
PSY 205	Human Growth and Development	3	PSYCH 3310	Developmental Psychology	3
EDU 219	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.

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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.