

Ozarks Technical 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.

Ozarks Technical Community College

Missouri S&T

Communication Skills

Take all courses.

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

Mathematics

Take all courses.

MTH 129 or MTH 210	Introductory Statistics or Statistical Methods	3	STAT 1115	Statistics for the Social Sciences	3
		Total Hours	3		
				Total Hours	3

Social Sciences

Take all courses.

ECO 275	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
ECO 270	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
PLS 101	American Government and Politics	3	POL SCI 1200	American Government	3
PSY 110	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 100	Art and Experience	3	ART 1180	Art Appreciation	3
MUS 105	Western Music Appreciation	3	MUSIC 1150	Music Appreciation	3
THR 101	Intro to Theater	3	THEATRE 1190	Theatre via Video	3
ENG 240	Survey of English Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENG 270	Survey of American Literature I	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENG 260	Survey of World Literature I	3	ENGLISH 1231	World Literature I	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 100* or BIO 160*	Life Science* or General Biology I* or higher biological science *Lab satisfies science lab requirement below.	4	BIO SCI 1113, 1219*	General Biology (3) and Lab* (1) or higher biological science *Lab satisfies science lab requirement below.	3
CHM 160, 161*	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 120* or PHY 220* or PHY 115*	General Physics I* (4) or Physics for Engineers and Scientists I* (5) or Intro to 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
PHY 110	Intro to Geology or higher geology	4	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 150	Principles of Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACC 220	Principles of Accounting I	3	BUS 1210	Financial Accounting	3
BUS 160	Business Law	3	BUS 2910	Business Law	3
ACC 225	Managerial Accounting	4	BUS 3220	Managerial Accounting	3
CIS 101 and CIS 201	Technology and Digital Literacy and Computer Apps for Business BOTH OTC CIS 101 and 102 must be taken to receive credit for Missouri S&T IST 1750.	6	IST 1750	Information Systems BOTH OTC CIS 101 and 102 must be taken to receive credit for Missouri S&T IST 1750.	3
CIS 150	C# Programming I	3	IST 1551	Implementing Information Systems: User Perspective	3
CIS 151	C# Programming II	3	IST 1552	Implementing Information Systems: Data Perspective	3
BUS 130	Principles of Marketing	3	MKT 3110	Marketing	3

Teacher Certification Requirements

Take all courses.

EDU 220	Foundations of Education	3	EDUC 1074	Education in a Diverse Society	2
EDU 270	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1
EDU 250	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3
PSY 130	Life Span Developmental Psychology	3	PSYCH 3310	Developmental Psychology	3
EDU 260	Education Exceptional Learner	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.