

# Ozarks Technical Community College — Missouri S&T

## Business and Management Systems BS with Secondary Education Teacher Certification

Transfer Guide Effective as of Fall 2025

### 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 130	College Algebra	3	MATH 1140	College Algebra	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.

ART 100	Art and Experience	3	ART 1180	Art Appreciation	3
MUS 105	Western Music Appreciation	3	MUSIC 1150	Music Understanding and 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
PHL 101	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	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 3 hours of science and 7 hours of science or mathematics.

CHM 160, 161	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHY 120	General Physics I	4	PHYSICS 1145	College Physics I*	4
PHY 115	Intro to Astronomy	4	PHYSICS 1505, 1509	Introductory Astronomy (3) and Lab (1)	4
BIO 100 or BIO 160	Life Science or General Biology I	4	BIO SCI 1113, 1219	General Biology and Lab	5
PHY 110	Intro to Geology	4	GEOLOGY 1110	Physical and Environmental Geology*	3
Mathematical Science or Science Elective	Any math, computer science, statistics, IST, biology, chemistry, physics, geology lecture or lab not already taken above.	3	Mathematical Science or Science Elective	Any math, computer science, statistics, IST, biology, chemistry, physics, geology lecture or lab not already taken above.	3
Science Elective	Any biology, chemistry, physics, geology lecture or lab not already taken above.	3	Science Elective	Any biology, chemistry, physics, geology lecture or lab not already taken above.	3
		Total Hours	10		
				Total Hours	10

\*A maximum of 4 hours applies to the science degree requirement. Any additional credit hours apply to degree totals as general elective credit.

#### 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 150	Technology and Digital Literacy and C# Programming I	6	IST 1750	Information Systems	3
CIS 151	C# Programming II	3	IST 1551	Implementing Information Systems: User Perspective	3
BUS 130	Principles of Marketing	3	IST 1552	Implementing Information Systems: Data Prespective	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.