

# Ozarks Technical Community College — Missouri S&T

## Business and Management Systems BS

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

Take all courses.

ENG 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
COM 105	Public Speaking	3	SPMS 1185	Principles of Speech <small>Applies to degree as Gen Ed communication requirement.</small>	3
Total Hours					6
Total Hours					6

#### Mathematics and Statistics

Take all courses.

MTH 140	Analytic Geometry and Calculus I	5	MATH 1214	Calculus I <small>*Will be substituted for MATH 1210.</small>	4
MTH 129 or MTH 210 or MTH 229	Introductory Statistics or Statistical Methods or Statistics for Engineers and Scientists <small>At least one statistics course is required.</small>	3	STAT 1115 or STAT 3115*	Statistics for the Social Sciences or Engineering Statistics* <small>At least one statistics course is required. *Will be substituted for the statistics requirement.</small>	3
Total Hours					8
Total Hours					7

#### Natural Sciences General Education Requirements

Select 7\* hours to include 1 living science lecture, 1 physical science lecture, and 1 lab.

BIO 100 or BIO 160	Life Science* or General Biology I* <small>*Lab satisfies science lab requirement below.</small>	4	BIO SCI 1113, 1219	General Biology and Lab <small>*Lab satisfies science lab requirement below.</small>	4
BIO 105	Environmental Science	4	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 170	General Biology II* <small>*Lab satisfies science lab requirement below.</small>	4	BIO SCI 1223, 1229*	Biodiversity (3) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	4
CHM 160, 161	General Chemistry I and Lab* <small>*Lab satisfies science lab requirement below.</small>	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	5
PHY 110	Intro to Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 120*	General Physics I* <small>*Lab satisfies science lab requirement below.</small>	4	PHYSICS 1145*	College Physics I* (4) <small>*Lab satisfies science lab requirement below.</small>	4
PHY 220*	Physics for Engineers and Scientists I* <small>*Lab satisfies science lab requirement below.</small>	5	PHYSICS 1135*	Engineering Physics* (4) <small>*Lab satisfies science lab requirement below.</small>	4
PHY 115*	Intro to Astronomy* <small>*Lab satisfies science lab requirement below.</small>	4	PHYSICS 1505, 1509*	Introductory Astronomy (3) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	4
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
<small>*A maximum of 7 hours applies to the sciences degree requirement. Any additional credit hours apply to degree totals as general elective credit.</small>					
Total Hours					7
Total Hours					7

#### Humanities, Arts, and Social Sciences General Education Requirements

From the options listed in each group below, select 12 hours to include  
3 hours Humanities and Fine Arts and  
6 hours Behavioral and Social Sciences from at least 2 specific disciplines.

**\*At least one course must be selected from HISTORY 1200, 1300, 1310, or POL SCI 1200 to satisfy the State of Missouri government requirement.**

##### Humanities and Fine Arts

Select 3 hours.

HST 120* or HST 130* or ART 100 or MUS 105 or THR 101	US History I: to 1865* or US History II: 1865-Present* or Art and Experience or Western Music Appreciation or Intro to Theater <small>*Satisfies the State of Missouri government requirement.</small>	3	HISTORY 1300* or HISTORY 1310* or ART 1180 or MUSIC 1150 or THEATRE 1190	American History to 1877* or American History Since 1877* or Art Appreciation or Music Appreciation or Theatre via Video <small>*Satisfies the State of Missouri government requirement.</small>	3
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##### Behavioral and Social Sciences

Both PSYCH 1101 and POL SCI 1200 are required.

PSY 110	Intro to Psychology	3	PSYCH 1101	General Psychology	3
PLS 101*	American Government and Politics* <small>*Satisfies the State of Missouri government requirement.</small>	3	POL SCI 1200*	American Government* <small>*Satisfies the State of Missouri government requirement.</small>	3

##### Humanities, Arts, and Social Sciences

ECON 1100 is required.

ECO 275	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
Total HASS Hours					12
Total HASS Hours					12

#### Major Requirements

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

ECO 270	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
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 <small>BOTH CIS 101 and 102 must be taken to receive credit for Missouri S&amp;T IST 1750.</small>	6	IST 1750	Information Systems <small>BOTH CIS 101 and 102 must be taken to receive credit for Missouri S&amp;T IST 1750.</small>	3
CIS 150	C# Programming I	3	IST 1551	Implementing Info Systems: User Perspective	3
CIS 151	C# Programming II	3	IST 1552	Implementing Info Systems: Data Perspective	3
BUS 130	Principles of Marketing	3	MKT 3110	Marketing	3
Electives	Maximum Free Electives	11	Electives	Maximum Free Electives	11

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

**60**

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.