

Ozarks Technical Community College — Missouri S&T

Information Science and Technology BS

Transfer Guide Effective as of Fall 2025

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 and Foundational Requirements

Take all courses.

ENG 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
COM 105	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours	6		
				Total Hours	18

Mathematics and Statistics

Take all courses.

MTH 140	Analytic Geometry and Calculus I	5	MATH 1214	Calculus I	4
MTH 129 or MTH 210	Introductory Statistics or Statistical Methods At least one statistics course is required.	3	STAT 1115	Statistics for the Social Sciences At least one statistics course is required.	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* *Lab satisfies science lab requirement below.	4	BIO SCI 1113, 1219	General Biology and Lab *Lab satisfies science lab requirement below.	4
BIO 150 or ATS 112	Environmental Science (4) or Intro to Environmental Science (3)	3	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 170	General Biology II* *Lab satisfies science lab requirement below.	4	BIO SCI 1223, 1229*	Biodiversity (3) and Lab* (1) *Lab satisfies science lab requirement below.	4
CHM 160, 161	General Chemistry I and Lab* *Lab satisfies science lab requirement below.	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) *Lab satisfies science lab requirement below.	5
PHY 110	Intro to Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 120	General Physics I	4	PHYSICS 1145*	College Physics I* (4) *Lab satisfies science lab requirement below.	4
PHY 220	Physics for Engineers and Scientists I	5	PHYSICS 1135*	Engineering Physics* (4) *Lab satisfies science lab requirement below.	4
PHY 115	Intro to Astronomy	4	PHYSICS 1505, 1509*	Introductory Astronomy (3) and Lab* (1) *Lab satisfies science lab requirement below.	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
		Total Hours	7		
				Total Hours	7

*A maximum of 7 hours applies to the sciences degree requirement. Any additional credit hours apply to degree totals as general elective credit.

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.

*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 *Satisfies the State of Missouri government requirement.	3	HISTORY 1300* or HISTORY 1310* or ART 1180 or MUSIC 1150 or THEATRE 1150	American History to 1877 or American History Since 1877 or Art Appreciation or Music Understanding and Appreciation or Theatre for Social Change *Satisfies the State of Missouri government requirement.	3
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Behavioral and Social Sciences

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

Humanities, Arts, and Social Sciences

ECO 275	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
		Total Hours	12		
				Total 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
CIS 101 and CIS 201	Technology and Digital Literacy and Computer Apps for Business BOTH CIS 101 and 102 must be taken to receive credit for Missouri S&T IST 1750.	6	IST 1750	Information Systems	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	8	Electives	Maximum Free Electives	8

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.

must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.

required to complete all courses on this guide before transferring to Missouri S&T.

Students
are not

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2025.

Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.