

St. Charles 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.

St. Charles Community College

Missouri S&T

Communication and Foundational Requirements

Take all courses.

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
COM 106	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours	6		
				Total Hours	18

Mathematics and Statistics

Take all courses.

MAT 210 or MAT 180	Survey Calculus (4) or Calculus and Analytic Geometry I (5)	4	MATH 1212* or MATH 1214*	Survey of Calculus (3) or Calculus I (4) *Will be substituted for MATH 1210.	4
MAT 157 or MAT 175	College Statistics-General Education (4) or Introductory Statistics (3)	3	STAT 1115	Statistics for the Social Sciences At least one statistics course is required.	3
		Total Hours	7		
				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 105 or BIO 150*	Essentials of Biology (3) or General Biology: Cells to Organisms* (5) *Lab satisfies science lab requirement below.	5	BIO SCI 1113 BIO SCI 1213, 1219*	General Biology or Principles of Biology and Lab* *Lab satisfies science lab requirement below.	4
BIO 122	Environmental Sciences	3	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 151*	General Biology: Organisms to Environment* *Lab satisfies science lab requirement below.	5	BIO SCI 1223, 1229*	Biodiversity (3) and Lab* (1) *Lab satisfies science lab requirement below.	4
CHM 115*	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 125	Intro to Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 150,153*	General Physics and Lab* *Lab satisfies science lab requirement below.	5	PHYSICS 1145*	College Physics I* (4) *Lab satisfies science lab requirement below.	4
PHY 250*	Engineering Physics I* *Lab satisfies science lab requirement below.	5	PHYSICS 1135*	Engineering Physics* (4) *Lab satisfies science lab requirement below.	4
PHY 130, 131*	Astronomy and Lab* *Lab satisfies science lab requirement below.	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.

HIS 101* or HIS 102* or ART 1001 or MUS 111 or THE 122	US History to 1877* or US History Since 1877* or Art Appreciation or Music Appreciation or Intro to the Theatre *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 101	Intro to Psychology	3	PSYCH 1101	General Psychology	3
POL 101*	American Government* *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 120	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 110	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
BUS 201	Principles of Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACT 110	Financial Accounting I	4	BUS 1210	Financial Accounting	3
CPT 185	C# Programming	3	IST 1551	Implementing Info Systems: User Perspective	3
BUS 220	Principles of Finance	3	FINANCE 2150	Corporate Finance I	3
BUS 230	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.
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.

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.