

St Charles Community College — Missouri S&T

Information Science and Technology 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.

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	Applies to degree as Gen Ed communication requirement.	6
Total Hours			6	Total Hours	

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)	4
MAT 157 or MAT 175	College Statistics-General Education (4) or Introductory Statistics (3)	3	STAT 1115	Statistics for the Social Sciences	3
Total Hours			7	At least one statistics course is required.	7
Total Hours			7	Total Hours	

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)	5	BIO SCI 1113 BIO SCI 1213, 1219*	General Biology or Principles of Biology and Lab*	4
BIO 122	Environmental Sciences	3	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 151*	General Biology: Organisms to Environment*	5	BIO SCI 1223, 1229*	Biodiversity (3) and Lab* (1)	4
CHM 115*	General Chemistry I and Lab*	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1)	5
PHY 125	Intro to Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology (3)	3
PHY 150, 153*	General Physics and Lab*	5	PHYSICS 1145*	College Physics I* (4)	4
PHY 250*	Engineering Physics I*	5	PHYSICS 1135*	Engineering Physics* (4)	4
PHY 130, 131*	Astronomy and Lab*	4	PHYSICS 1505, 1509*	Introductory Astronomy (3) and Lab* (1)	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	

*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 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.

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	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	3
*Satisfies the State of Missouri government requirement.			*Satisfies the State of Missouri government requirement.		

Behavioral and Social Sciences

Both PSYCH 1101 and POL SCI 1200 are required.

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

Humanities, Arts, and Social Sciences

ECON 1100 is required.

ECO 120	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
Total HASS Hours			12	Total HASS Hours	

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	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.

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This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2026.

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