

St. Louis 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. Louis Community College

Missouri S&T

Communication and Foundational Requirements

Take all courses.

ENG 101	College Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
COM 107	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours	6	Total Hours	
					18

Mathematics and Statistics

Take all courses.

MTH 186 or	Survey of Calculus or Analytic Geometry and Calculus I	3	MATH 1214* or MATH 1212*	Calculus I (4) or Survey of Calculus (3) *Will be substituted for MATH 1210.	4
BUS 201 or MTH 180	Elementary Statistics or Introductory Statistics	3	STAT 1115	Statistics for the Social Sciences At least one statistics course is required.	3
		Total Hours	6	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 111 or BIO 140	Intro to Biology I* (4) or Principles of Biology I* (5) *Lab satisfies science lab requirement below.	4	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*	General Biology and Lab or Principles of Biology and Lab *Lab satisfies science lab requirement below.	4
BIO 141	Principles of Biology II *Lab satisfies science lab requirement below.	5	BIO SCI 1223, 1229* or BIO SCI 1223	Biodiversity (3) and Lab* (1) or Biodiversity (3) (no lab) *Lab satisfies science lab requirement below.	4
CHM 105	General Chemistry I *Lab satisfies science lab requirement below.	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) *Lab satisfies science lab requirement below.	5
GEO 111	Physical Geology	5	GEOLOGY 1110	Physical and Environmental Geology (3)	3
PHY 111	College Physics I *Lab satisfies science lab requirement below.	4	PHYSICS 1145*	College Physics I* (4) *Lab satisfies science lab requirement below.	4
PHY 122	Engineering Physics	5	PHYSICS 1135*	Engineering Physics* (4) *Lab satisfies science lab requirement below.	4
PSI 111, 115*	Intro to Astronomy and Observational Astronomy* *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
9 additional hours as specified below.

*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 6 hours from at least two specific disciplines.

HST 101* or HST 102* or ART 100 or MUS 114 or THT 101	US History to 1865* or US History 1865 to Present* or Art Appreciation or Music Appreciation or Intro to 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 200	General Psychology I	3	PSYCH 1101	General Psychology	3
PSC 101*	Intro to American 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 152	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 151	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
MGT 204	Business Organization & Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACC 110	Financial Accounting I	4	BUS 1210	Financial Accounting	3
IS 112* AND IS 116* AND IS 152*	Intro to Computer Science* (3) AND Computer Literacy* (3) AND Computer Applications in Business-Intermed* (3) *The combination of STLCC IS 112 and 116 and 152 is equivalent to Missouri S&T IST 1750. All three courses must be taken to receive transfer credit for IST 1750.	9	IST 1750	Information Systems	3
IS 153	C# Programming I	4	IST 1551	Implementing Info Systems: User Perspective	3
IS 253	C# Programming II	4	IST 1552	Implementing Info Systems: Data Perspective	3
MKT 203	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.

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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.