

# Metropolitan Community Colleges — 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.

### Metropolitan Community Colleges

### Missouri S&T

#### Communication and Foundational Requirements

Take all courses.

ENGL 101	Composition and Reading I	3	ENGLISH 1120	Exposition and Argumentation	3
COMM 100	Fundamentals of Speech	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
6			18		

#### Mathematics and Statistics

Take all courses.

MATH 175 or MATH 180	Calculus for Business and Social Science or Analytic Geometry and Calculus I	3	MATH 1210 or MATH 1214* or MATH 1212*	Calculus I-A (4) or Calculus I (4) or Survey of Calculus (3) <small>*Will be substituted for MATH 1210.</small>	4
MATH 115 or ENGR 215	Statistics or Engineering Statistics	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			Total Hours		
6			7		

#### Natural Sciences General Education Requirements

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

BIOL 123* or BIOL 101*	General Biology for Majors I (4) or General Biology (5) <small>*Lab satisfies science lab requirement below.</small>	4	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*	General Biology and Lab or Principles of Biology and Lab <small>*Lab satisfies science lab requirement below.</small>	4
BIOL 102	Environmental Science	5	BIO SCI 1173	Intro to Environmental Sciences	3
BIOL 124*	General Biology for Majors II* <small>*Lab satisfies science lab requirement below.</small>	4	BIO SCI 1223, 1229* or BIO SCI 1223	Biodiversity (3) and Lab* (1) or Biodiversity (3) (no lab) <small>*Lab satisfies science lab requirement below.</small>	4
CHEM 111*	General College Chemistry I* <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
GEOL 101	Physical Geology	5	GEOLOGY 1110	Physical and Environmental Geology (3) <small>*Lab satisfies science lab requirement below.</small>	3
PHYS 130*	General Physics I* <small>*Lab satisfies science lab requirement below.</small>	5	PHYSICS 1145*	College Physics I* (4) <small>*Lab satisfies science lab requirement below.</small>	4
PHYS 220*	Engineering Physics I* <small>*Lab satisfies science lab requirement below.</small>	5	PHYSICS 1135*	Engineering Physics* (4) <small>*Lab satisfies science lab requirement below.</small>	4
PHYS 106L	General Astronomy with Lab* <small>*Lab satisfies science lab requirement below.</small>	5	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
Total Hours			Total Hours		
7			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.

HIST 120* or HIST 121* or ART 108 or MUSI 108 or SPDR 106	United States History to 1865* or United States History since 1865* or Survey of Art or Music Appreciation or Theatre Appreciation <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 Understanding and Appreciation or Theatre via Video <small>*Satisfies the State of Missouri government requirement.</small>	3
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##### Behavioral and Social Sciences

PSYCH 1101 and POL SCI 1200 are required.

PSYC 140	General Psychology	3	PSYCH 1101	General Psychology	3
POLS 136	Intro to U.S. National 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.

ECON 211	Microeconomics	3	ECON 1100	Principles of Microeconomics	3
Total Hours			Total Hours		
12			12		

#### Major Requirements

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

ECON 210	Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
BUSN 200	Business Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACCT 101	Accounting Principles I	3	BUS 1210	Financial Accounting	3
BUSN 270	Legal Environment of Business	3	BUS 2910	Business Law	3
ACCT 103	Managerial Accounting	3	BUS 3220	Managerial Accounting	3
BUSN 150	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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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.