

# Jefferson 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.

### Jefferson College

### Missouri S&T

#### Communication and Foundational Requirements

Take all courses.

ENG 101	English Comp I	3	ENGLISH 1120	Exposition and Argumentation	3
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours	6	Total Hours	
					18

#### Mathematics and Statistics

Take all courses.

MTH 161 or MTH 180	Calculus for Business and Social Sciences or Calculus I	5	MATH 1212* or MATH 1214*	Survey of Calculus (3) or Calculus I (4) *Will be substituted for MATH 1210.	4
BUS 168 or MTH 132 or MTH 168	Business Statistics or Introductory Statistics or Probability and Statistics	3	STAT 1115*	Statistics for the Social Sciences* At least one statistics course is required. *Will be substituted for the statistics requirement.	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 101 or BIO 103	General Biology (5) or Biology for Majors I (4)	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 109	Ecology and Environmental Conservation	3	BIO SCI 1173	Intro to Environmental Sciences	3
CHM 111	General Chemistry I	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) *Lab satisfies science lab requirement below.	5
PHY 105	Physical Geology	4	GEOLOGY 1110	Physical and Environmental Geology (3) *Lab satisfies science lab requirement below.	3
PHY 111	Elementary College Physics I MOTR PHYS 150L	5	PHYSICS 1145*	College Physics I* (4) *Lab satisfies science lab requirement below.	4
PHY 223	General Physics I (4)	4	PHYSICS 1135*	Engineering Physics* (4) *Lab satisfies science lab requirement below.	4
PHY 106	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 103* or HST 104* or ART 101 or MUS 121 or THT 100	US History I to Reconstruction* or US History II from Reconstruction* or Art Appreciation or Appreciation of Music or Theatre Appreciation *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	General Psychology	3	PSYCH 1101	General Psychology	3
PSC 102*	U.S. and Missouri Govt and Constitutions* *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 102	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 102	Microeconomics	3	ECON 1200	Principles of Macroeconomics	3
BUS 120	Principles of Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
BUS 240	Financial Accounting	3	BUS 1210	Financial Accounting	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](mailto:transfer.mst.edu), [transfer@mst.edu](mailto:transfer@mst.edu), or 800-522-0938.