

# Johnson County 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.

### Johnson County Community College

### Missouri S&T

#### Communication and Foundational Requirements

Take all courses.

ENGL 121 or ENGL 119	Composition I (3) or College Composition I with Review (5)	3	ENGLISH 1120	Exposition and Argumentation	3
COMS 121	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours	6		
				Total Hours	18

#### Mathematics and Statistics

Take all courses.

MATH 241	Calculus I	5	MATH 1210	Calculus I-A	4
MATH 181 or MATH 285	Statistics (3) or Statistics for Businesses (4)	3	STAT 1115 or STAT 3111	Statistics for the Social Sciences or Statistical Tools for Decision Making <small>At least one statistics course is required.</small>	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.

BIOL 121	Intro to Biology for Non-Majors	4	BIO SCI 1113,1219	General Biology and Lab	4
EVRN 130	Environmental Science	3	BIO SCI 1173	Intro to Environmental Sciences	3
CHEM 124, 125	General Chemistry I and Lab	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	5
GEOS 130	General Geology	5	GEOLOGY 1110	Physical and Environmental Geology (3) <small>*Lab satisfies science lab requirement below.</small>	3
PHYS 130	College Physics I	5	PHYSICS 1145*	College Physics I* (4) <small>*Lab satisfies science lab requirement below.</small>	4
PHYS 220	Engineering Physics I	5	PHYSICS 1135*	Engineering Physics* (4) <small>*Lab satisfies science lab requirement below.</small>	4
ASTR 120 or ASTR 122	Fundamentals of Astronomy (3) or Astronomy (4)	3-5	PHYSICS 1505 or PHYSICS 1505, 1509*	Introductory Astronomy (3) or Introductory Astronomy (3) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	3-5
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.

HIST 140* or HIST 141* or MUS 121 or MUS 126 or THEA 120	US History to 1877* or US History since 1877* or Intro to Music Listening or Intro to World Music or Intro to Theatre <small>*Satisfies the State of Missouri government requirement.</small>	3	HISTORY 1300* or HISTORY 1310* or MUSIC 1150 or MUSIC 1150 or THEATRE 1150	American History to 1877 or American History Since 1877 or Music Understanding and Appreciation or Music Understanding and Appreciation or Theatre for Social Change <small>*Satisfies the State of Missouri government requirement.</small>	3
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##### Behavioral and Social Sciences

PSYC 130	Intro to Psychology	3	PSYCH 1101	General Psychology	3
POLS 124*	American National Government* <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 231	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.

ECON 230	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
BUS 241	Principles of Management	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACCT 121	Accounting I	3	BUS 1210	Financial Accounting	3
MKT 230	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.