

St. Louis Community College — Missouri S&T

Information Science and Technology BS

Transfer Guide Effective as of Fall 2024

St. Louis Community College

Missouri S&T

General Education

Take all courses.

| | | | | | |
|---------|----------------------------|-------------|--------------|------------------------------|-------------|
| ENG 101 | English Composition I | 3 | ENGLISH 1120 | Exposition and Argumentation | 3 |
| COM 107 | Public Speaking | 3 | SPMS 1185 | Principles of Speech | 3 |
| PSC 101 | Intro to American Politics | 3 | POL SCI 1200 | American Government | 3 |
| PSY 200 | General Psychology I | 3 | PSYCH 1101 | General Psychology | 3 |
| | | Total Hours | | | Total Hours |
| | | 12 | | | 18 |

Mathematics and Science

Take all courses.

| | | | | | |
|-----------------------|---|---|------------------|---|---|
| MTH 160 | Precalculus Algebra or other math, computer science, statistics, or IST course not otherwise required for the degree | 3 | MATH 1140 | College Algebra or other math, computer science, statistics, or IST course not otherwise required for the degree | 3 |
| MTH 186 | Survey of Calculus <small>required</small> | 3 | MATH 1212 | Survey of Calculus <small>required</small> | 4 |
| BUS 201 or MTH 180 | Elementary Statistics or Introductory Statistics | 3 | STAT 1115 | Statistics for the Social Sciences <small>At least one statistics course is required.</small> | 3 |
| Science Elective | Any biology, chemistry, physics, geology lecture or lab not already taken above. | 3 | Science Elective | Any biology, chemistry, physics, geology lecture or lab not already taken above. | 3 |

*A maximum of 13 hours applies to mathematics and sciences degree requirements. Any additional credit hours apply to degree totals as general elective credit.

Total Hours 13

Total Hours 13

Humanities and Social Sciences

Select 3 hours.

| | | | | | |
|---------------------------------|--|---|---------------------------------|--|---|
| ART 100 | Art Appreciation | 3 | ART 1180 | Art Appreciation | 3 |
| MUS 114 | Music Appreciation | 3 | MUSIC 1150 | Music Understanding and Appreciation | 3 |
| THT 101 | Intro to Theatre | 3 | THEATRE 1190 | Theatre via Video | 3 |
| ENG 204 | American Literature I | 3 | ENGLISH 1221 | American Literature: 1600 to 1865 | 3 |
| ENG 231 | World Literature | 3 | ENGLISH 1231 | World Literature I | 3 |
| ENG 216 | Women in Literature | 3 | ENGLISH 2242 | Literature by Women | 3 |
| ENG 217 | Major Black Writers | 3 | ENGLISH 2245 | African American Literature | 3 |
| PHL 101 | Intro to Philosophy | 3 | PHILOS 1105 | Self and World: Intro to Philosophy | 3 |
| Humanities or Social Science | Other art, economics, English, foreign language, history, literature, music, philosophy, political science, psychology, sociology, or theatre course not used for other degree requirements. | 3 | Humanities or Social Science | Other art, economics, English, foreign language, history, literature, music, philosophy, political science, psychology, sociology, or theatre course not used for other degree requirements. | 3 |

Total Hours 3

Total Hours 3

Major Requirements

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

| | | | | | |
|---------------------------------------|---|---|-----------|--|---|
| ECO 152 | Principles of Microeconomics | 3 | ECON 1100 | Principles of Microeconomics | 3 |
| 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) <small>*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.</small> | 9 | IST 1750* | Information Systems* <small>*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.</small> | 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 | 9 | Electives | Maximum Free Electives | 9 |

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.
Students are not required to complete all courses on this guide before transferring to Missouri S&T.