

St. Louis Community College — Missouri S&T

Business and Management Systems BS with Secondary Education Teacher Certification

Transfer Guide Effective as of Fall 2025

St. Louis Community College

Missouri S&T

Communication Skills

Take all courses.

| | | | | | |
|---------|-----------------------|-------------|--------------|------------------------------|---|
| ENG 101 | College Composition I | 3 | ENGLISH 1120 | Exposition and Argumentation | 3 |
| | | Total Hours | 3 | | |
| | | | | Total Hours | 3 |

Mathematics

Take all courses.

| | | | | | |
|---------|---------------------|-------------|-----------|--------------------|---|
| MTH 160 | Precalculus Algebra | 3 | MATH 1140 | College Algebra | 3 |
| MTH 186 | Survey of Calculus | 3 | MATH 1212 | Survey of Calculus | 4 |
| | | Total Hours | 6 | | |
| | | | | Total Hours | 7 |

Social Sciences

Take all courses.

| | | | | | |
|---------|------------------------------|-------------|--------------|------------------------------|----|
| ECO 152 | Principles of Microeconomics | 3 | ECON 1100 | Principles of Microeconomics | 3 |
| ECO 151 | Principles of Macroeconomics | 3 | ECON 1200 | Principles of Macroeconomics | 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 | 12 | | |
| | | | | Total Hours | 12 |

Humanities

Select 1 course.

| | | | | | |
|------------------------------|-----------------------------------|-------------|------------------------------|--|---|
| PHL 101 | Intro to Philosophy | 3 | PHILOS 1105 | Self and World: Intro to Philosophy | 3 |
| 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 210 | British Literature I | 3 | ENGLISH 1211 | British Literature I: The Beginnings to 1800 | 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 |
| Humanities or Social Science | Any Humanities or Social Sciences | | Humanities or Social Science | Any Humanities or Social Sciences | 3 |
| | | Total Hours | 3 | | |
| | | | | Total Hours | 3 |

Sciences

Select 3 hours of science and 7 hours of science or mathematics.

| | | | | | |
|--|---|---|--|---|---|
| CHM 105 | General Chemistry I | 5 | CHEM 1310, 1319 | General Chemistry I and Lab | 5 |
| PHY 111 | College Physics I | 4 | PHYSICS 1145 | College Physics I | 4 |
| PSI 111 | Intro to Astronomy | 3 | PHYSICS 1505 | Introductory Astronomy | 3 |
| BIO 111* | Intro to Biology I | 4 | BIO SCI 1113, 1219 | General Biology and Lab | 5 |
| GEO 111 | Physical Geology | 5 | GEOLOGY 1110 | Physical and Environmental Geology | 3 |
| Mathematical Science or Science Elective | Any math, computer science, statistics, IST, biology, chemistry, physics, geology lecture or lab not already taken above. | 3 | Mathematical Science or Science Elective | Any math, computer science, statistics, IST, 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 | Science Elective | Any biology, chemistry, physics, geology lecture or lab not already taken above. | 3 |

*A maximum of 4 hours applies to the science degree requirement. Any additional credit hours apply to degree totals as general elective credit.

Total Hours 10

Total Hours 10

Major Requirements

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

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|---------|------------------------------------|---|----------|--|---|
| 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 |
| BLW 101 | Business Law I | 3 | BUS 2910 | Business Law | 3 |
| ACC 114 | Managerial Accounting | 3 | BUS 3220 | Managerial Accounting | 3 |
| IS 153 | C# Programming I | 4 | IST 1551 | Implementing Information Systems: User Perspective | 3 |
| IS 253 | C# Programming II | 4 | IST 1552 | Implementing Information Systems: Data Prespective | 3 |
| MKT 203 | Principles of Marketing | 3 | MKT 3110 | Marketing | 3 |

Teacher Certification Requirements

Take all courses.

| | | | | | |
|---------|---|-------------|-------------------------|---|----|
| EDU 211 | Foundations of Education in a Diverse Society | 3 | EDUC 1074 | Education in a Diverse Society | 3 |
| EDU 210 | Teaching Profession with Field Experience | 3 | EDUC 1104 | Teacher Field Experience I | 1 |
| EDU 227 | Educational Psychology | 3 | EDUC 2102 or PSYCH 2300 | Educational Psychology | 3 |
| PSY 205 | Human Growth and Development | 3 | PSYCH 3310 | Developmental Psychology | 3 |
| EDU 219 | Education of Exceptional Learners | 3 | EDUC 2310 or PSYCH 4310 | Education of the Exceptional Child or Psychology of the Exceptional Child | 3 |
| | | Total Hours | 15 | | |
| | | | | Total Hours | 13 |

Professional Requirements for Teacher Education Program: Please view all program requirements at <https://teachereducation.mst.edu/secondaryeducation/>.

Maximum credit hours to be transferred to Missouri S&T degree requirements.

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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.