

# Jefferson College — Missouri S&T

## Business and Management Systems 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

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 |              |                              | Total Hours |
|         |                 | 6           |              |                              | 6           |

#### Mathematics and Statistics

Take all courses.

|                                     |  |             |                             |  |             |
|-------------------------------------|--|-------------|-----------------------------|--|-------------|
| MTH 161 or<br>MTH 180               | Calculus for Business and Social Sciences or<br>Calculus I                         | 5           | MATH 1212* or<br>MATH 1214* | Survey of Calculus (3) or<br>Calculus I (4)<br>*Will be substituted for MATH 1210.   | 4           |
| BUS 168 or<br>MTH 132 or<br>MTH 168 | Business Statistics or<br>Introductory Statistics or<br>Probability and Statistics | 3           | STAT 1115*                  | Statistics for the Social Sciences*<br>At least one statistics course is required.<br>*Will be substituted for the statistics requirement. | 3           |
|                                     |  | Total Hours |                             |  | Total Hours |
|                                     |  | 8           |                             |  | 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<br>BIO 103 | General Biology (5) or<br>Biology for Majors I (4)  | 4           | BIO SCI 1113, 1219* or<br>BIO SCI 1213, 1219* | General Biology and Lab or<br>Principles of Biology and Lab<br>*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)<br>*Lab satisfies science lab requirement below.                        | 5           |
| PHY 105               | Physical Geology  | 4           | GEOLOGY 1110                                  | Physical and Environmental Geology   | 3           |
| PHY 111               | Elementary College Physics I MOTR PHYS 150L   | 5           | PHYSICS 1145                                  | College Physics I MOTR PHYS 105L   | 4           |
| PHY 223               | General Physics I (4)   | 4           | PHYSICS 1135*                                 | Engineering Physics*<br>*Lab satisfies science lab requirement below.  | 4           |
| PHY 106               | Intro to Astronomy  | 4           | PHYSICS 1505, 1509*                           | Introductory Astronomy (3) and Lab* (1)<br>*Lab satisfies science lab requirement below.                     | 4           |
| Science Lab           | One lab course from any physical or biological science if not<br>taken with lecture course above. | 1           | Science Lab                                   | One lab course from any physical or biological science if not<br>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.

|   |  |   |  |  |   |
|---|--|---|--|--|---|
| HST 103* or<br>HST 104* or<br>ART 101 or<br>MUS 121 or<br>THT 100 | US History I to Reconstruction* or<br>US History II from Reconstruction* or<br>Art Appreciation or<br>Appreciation of Music or<br>Theatre Appreciation<br>*Satisfies the State of Missouri government requirement. | 3 | HISTORY 1300* or<br>HISTORY 1310* or<br>ART 1180 or<br>MUSIC 1150 or<br>THEATRE 1150 | American History to 1877 or<br>American History Since 1877 or<br>Art Appreciation or<br>Music Understanding and Appreciation or<br>Theatre for Social Change<br>*Satisfies the State of Missouri government requirement. | 3 |
|---|--|---|--|--|---|

#### Behavioral and Social Sciences

|          |   |   |               |  |   |
|----------|---|---|---------------|--|---|
| PSY 101  | General Psychology  | 3 | PSYCH 1101    | General Psychology   | 3 |
| PSC 102* | U.S. and Missouri Govt and Constitutions*<br>*Satisfies the State of Missouri government requirement. | 3 | POL SCI 1200* | American Government*<br>*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 |           |                              | Total Hours |
|         |                | 12          |           |                              | 12          |

#### Major Requirements

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

|           |                        |    |           |  |    |
|-----------|------------------------|----|-----------|--|----|
| ECO 101   | Macroeconomics         | 3  | ECON 1200 | Principles of Macroeconomics             | 3  |
| BUS 120   | Principles Management  | 3  | BUS 1110  | Intro to Management and Entrepreneurship | 3  |
| BUS 240   | Financial Accounting   | 3  | BUS 1210  | Financial Accounting                     | 3  |
| BUS 265   | Business Law           | 3  | BUS 2910  | Business Law                             | 3  |
| BUS 241   | Managerial Accounting  | 3  | BUS 3220  | Managerial Accounting                    | 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.

Students are not 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](mailto:transfer.mst.edu), [transfer@mst.edu](mailto:transfer@mst.edu), or 800-522-0938.