

Jefferson College — Missouri S&T

Biological Sciences BS Transfer Guide

Effective as of Fall 2017

Partner School

Missouri S&T

Communication Skills (Take all courses)

| | | | | | |
|-------------|---|---|--------------|---|---|
| ENG 101 | English Composition I | 3 | ENGLISH 1120 | Exposition and Argumentation | 3 |
| ENG 102 | Composition and Rhetoric II | 3 | ENGLISH 1160 | Writing and Research | 3 |
| SPD 175 | Public Speaking (required for AA degree) | 3 | SPMS 1185 | Principles of Speech (Not required for S&T degree. Transfers as a free elective) | 3 |
| Total Hours | | | Total Hours | | |
| 9 | | | 9 | | |

Social Sciences (Select 9 credit hours to include one course to satisfy state requirement)

| | | | | | |
|--|---|---|---|--|---|
| HIST 102 or HIST 103 or HIST 104 or PSC 102 | Renaissance to Early Modern Europe or US History I or US History II or US and Missouri Govt. and Constitution (At least one of these courses is required to satisfy state requirement) | 3 | HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 | Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government (At least one of these courses is required to satisfy state requirement) | 3 |
| ECO 102 or ECO 101 | Microeconomics or Macroeconomics | 3 | ECON 1100 or ECON 1200 | Principles of Microeconomics or Principles of Macroeconomics | 3 |
| PSY 101 | General Psychology | 3 | PSYCH 1101 | General Psychology Other economics, history, political science, sociology, psychology elective. | 3 |
| Total Hours | | | Total Hours | | |
| 9 | | | 9 | | |

Humanities (Select 6 hours)

| | | | | | |
|-------------|-------------------------------|---|--------------|---|---|
| ART 101 | Art Appreciation | 3 | ART 1180 | Art Appreciation | 3 |
| MUS 121 | Appreciation of Music | 3 | MUSIC 1150 | Music Understanding and Appreciation | 3 |
| SPD 120 | Intro to Theatre | 3 | THEATRE 1190 | Theatre Appreciation | 3 |
| ENG 130 | English Life and Literature I | 3 | ENGLISH 1211 | British Literature I: The Beginnings to 1800 | 3 |
| ENG 175 | American Literature I | 3 | ENGLISH 1221 | American Literature: 1600 to 1865 | 3 |
| ENG 176 | American Literature II | 3 | ENGLISH 1222 | American Literature: 1865 to Present | 3 |
| PHL 102 | Intro to Philosophy | 3 | PHILOS 1105 | Intro to Philosophy Other fine art, literature, or philosophy elective | 3 |
| Total Hours | | | Total Hours | | |
| 6 | | | 6 | | |

Mathematics and Sciences (Take all courses)

| | | | | | |
|-------------|----------------------|---|---------------------------------------|---|---|
| MTH 180 | Calculus I | 5 | MATH 1214 | Calculus for Engineers I | 4 |
| CHM 111 | General Chemistry I | 5 | CHEM 1310, 1319 | General Chemistry I and Lab | 5 |
| CHM 112 | General Chemistry II | 5 | CHEM 1320 | General Chemistry II | 3 |
| CHM 200 | Organic Chemistry I | 5 | CHEM 2210, 2219 | Organic Chemistry I and Lab | 5 |
| CHM 201 | Organic Chemistry II | 5 | CHEM 2220, 2229 | Organic Chemistry II and Lab | 5 |
| PHY 123 | General Physics I | 4 | PHYSICS 1145, 1119 or PHYSICS 1135 | College Physics I and Lab or Engineering Physics I | 5 |
| PHY 124 | General Physics II | 4 | PHYSICS 2145, 2119 or PHYSICS 2135 | College Physics II and Lab or Engineering Physics II | 5 |
| BIO 101 | General Biology | 5 | BIO SCI 1113, 1219 | General Biology and Lab | 5 |
| Total Hours | | | Total Hours | | |
| 38 | | | 37 | | |

Additional Degree Requirements

| | | | | | |
|-------------|----------|---|--------------|------------------|---|
| BIO 201 | Genetics | 4 | BIO SCI 2223 | General Genetics | 3 |
| Total Hours | | | Total Hours | | |
| 4 | | | 3 | | |

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.