

## Jefferson College — Missouri S&T

### Elementary Education - STEM Focus

Effective Fall 2017

The following course work will apply to Missouri S&T degree requirements as outlined below.  
Students are not required to complete all course work before transferring to Missouri S&T.

| <u>Partner School</u>                |   | <u>Missouri S&amp;T</u> |   |
|--------------------------------------|---|-------------------------|---|
| General Education (Take all courses) |   |                         |   |
| ART 101                              | Art Appreciation  | 3                       | ART 1180 Art Appreciation 3   |
| BIO 101                              | General Biology   | 5                       | BIO SCI 1113, 1219 General Biology and Lab 5  |
| ECO 102 or<br>ECO 101                | Microeconomics or<br>Macroeconomics                                     | 3                       | ECON 1100 or<br>ECON 1200 Principles of Microeconomics or<br>Principles of Macroeconomics 3         |
| 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   |
| HIST 101                             | Ancient and Medieval Civilization                                       | 3                       | HISTORY 1100 Early Western Civilization 3   |
| HIST 102                             | Renaissance to Early Modern Europe                                      | 3                       | HISTORY 1200 Modern Western Civilization 3  |
| HST 103 or<br>HIST 104               | American History I or<br>American History II                            | 3                       | HISTORY 1300 or<br>HISTORY 1310 American History to 1877 or<br>American History since 1877 3        |
| MTH 134                              | College Algebra   | 3                       | MATH 1140 College Algebra or higher level math 3  |
| MUS 121                              | Appreciation of Music   | 3                       | MUSIC 1150 Music Appreciation 3   |
| PHY 106 or<br>PHY 123 or<br>PSY 101  | Introduction to Astronomy or<br>General Physics I<br>General Psychology | 4<br>3<br>3             | PHYSICS 1505 Introductory Astronomy or<br>PHYSICS 1145 Physics I<br>PSYCH 1101 General Psychology 3 |
| PSY 201                              | Child Development   | 3                       | PSYCH 3310 Developmental Psychology 3   |
| PSC 102                              | US and Missouri Govt. and Constitution                                  | 3                       | POL SCI 1200 American Government 3  |
| SPD 175                              | Public Speaking   | 3                       | SPMS 1185 Principles of Speech 3  |
| PHL 102 or<br>PHL 101                | Introduction to Philosophy or<br>Intro to Logic                         | 3                       | PHILOS 1105 or<br>PHILOS 1115 Introduction to Philosophy or<br>Intro to Logic 3                     |
| EDU 225                              | Educational Psychology  | 3                       | PSYCH 2300 or<br>EDUC 2102 Educational Psychology 3   |
| ENG 175                              | American Literature I or<br>other literature elective                   | 3                       | ENGLISH 1221 American Literature 1600 to 1865 or<br>other literature elective 3                     |
| EDU 210                              | Foundations in Education  | 3                       | EDUC 1040 Perspectives in Education 2   |
|                                      |   | Total Hours             | Total Hours 56  |

**\*Teacher Certification Notes:** Passing scores on MoGEA and MoCA are required. Students must maintain a minimum 2.75 cumulative GPA and a minimum 3.0 content GPA. Students completing this program will have a BA degree in Multidisciplinary Studies with an elementary education teacher certification.

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

**64**

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 the 2017/2018 academic year. 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.