

# Bachelor of Science in Biology Education & Secondary Education (9-12)

for students completing an

## Associate of Arts in Teaching with Jefferson College

| Jefferson College<br>Suggested Coursework |   |            |                  | Missouri Baptist University<br>Degree Completion Coursework<br>2019-2020 Catalog |  |  |            |
|---|---|------------|------------------|--|--|--|------------|
| General Education                         |   | MBU Course |                  | Bachelor of Science  |  |  |            |
| JeffCo Course                             |   |            |                  |  |  |  |            |
| ENG 101                                   | English Composition I                                     | 3          | ENGL 113         | CBIB 113   | Old Testament History                                |  | 3          |
| ENG 102                                   | English Composition II                                    | 3          | ENGL 123         | CBIB 123   | New Testament History                                |  | 3          |
| COM XXX                                   | Communications  | 3          | COMM GER         | IDST 403   | World Citizen  |  | 3          |
|   | Humanities - EDU 240 Multicultural Education <sup>^</sup> | 3          | EDUC 203         |  |  |  | 9          |
|   | Fine Arts/Humanities                                      | 3          | FA/HUM GER       |  |  |  |            |
|   | Fine Arts/Humanities                                      | 3          | FA/HUM GER       |  |  |  |            |
| BIO 206                                   | General Zoology   | 5          | BIOL 113+111     | EDUC 410   | Teaching Field Experience II Seminar                 |  | 0          |
| CHM 111                                   | General Chemistry I                                       | 5          | CHEM 133+132+130 | EDCL 411   | Teaching Field Experience II                         |  | 1          |
| MTH 180                                   | Calculus I  | 5          | MATH 164         | EDUC 471   | Student Teaching Seminar                             |  | 1          |
| PSC 102                                   | US & Missouri Govt & Const                                | 3          | POLS 103         | ESCL 4712  | Student Teaching: Secondary                          |  | 12         |
| PSY 101                                   | General Psychology  | 3          | PSYC 133         |  |  |  | 14         |
| PSY 205                                   | Life Span Human Development                               | 3          | PSYC 313         |  |  |  |            |
|   |   | <b>42</b>  |                  |  |  |  |            |
| Bachelor of Science                       |   |            |                  | Field Experience   |  |  |            |
| HPE 130                                   | Personal Health   | 3          | KHSC 333         |  |  |  |            |
| MTH 132                                   | Introductory Statistics                                   | 3          | MATH 243         |  |  |  |            |
|   |   | <b>6</b>   |                  |  |  |  |            |
| Professional Requirements                 |   |            |                  | Professional Requirements  |  |  |            |
| EDU 105                                   | Exploring the Field of Education                          | 1          | ELECT            | ECTA 323   | Curriculum, Assessment, & Data-based Decision Making |  | 3          |
| EDU 205                                   | Educational Technology                                    | 3          | EDUC 373         | EDCL 200   | Teaching in a Diverse Society Field Experience       |  | 0          |
| EDU 210                                   | Foundations of Education in a Diverse Society             | 3          | ELECT            | EDUC 303   | Methods of Teaching & Differentiated Instruction †   |  | 3          |
| EDU 225                                   | Educational Psychology                                    | 3          | EDPS 383         | EDUC 201   | Professional Growth & Portfolio Development I ‡      |  | 1          |
| EDU 230                                   | Teaching Profession with Field Experience                 | 3          | EDCL 211         | EDUC 401   | Professional Growth & Portfolio Development II       |  | 1          |
| EDU 235                                   | Education of Exceptional Learners                         | 3          | EDPS 453         | * EDMS 483/583   | Teaching Science in Grades 5-12: Sem. & FE (Web)     |  | 3          |
|   |   | <b>16</b>  |                  | * EDRD 463/563   | Reading & Writing Strategies for Middle/Secondary    |  | 3          |
|   |   |            |                  | * EDRD 423/523   | Integration of Literacy in Content Areas             |  | 3          |
|   |   |            |                  | * ETOP 423/523   | Classroom & Behavior Management                      |  | 3          |
|   |   |            |                  |  |  |  | <b>20</b>  |
| Biology Requirements                      |   |            |                  | Biology Requirements   |  |  |            |
| BIO 205                                   | General Botany  | 5          | BIOL 123+121     | BIOL 401   | Integrating Concepts of Biology (Hybrid)             |  | 1          |
| CHM 112                                   | General Chemistry II                                      | 5          | CHEM 143+142+140 | BIOL 423   | Cell Biology (Main)                                  |  | 3          |
| PHY 105                                   | Physical Geology & Lab                                    | 4          | PHYS 123+122     | IDST 313   | History & Philosophy of Science & Technology (Web)   |  | 3          |
| PHY 223                                   | General Physics I   | 5          | PHYS 133+131     | PHYS 383   | Meteorology  |  | 3          |
| PHY 224                                   | General Physics II  | 5          | PHYS 143+141     |  |  |  | <b>10</b>  |
| BIO 109                                   | Ecology & Environment Conservation                        | 3          | BIOL 323A+321A   |  |  |  |            |
| BIO 113                                   | Microbiology for Health Science                           | 4          | BIOL 373+371     |  |  |  |            |
| BIO 201                                   | Genetics (on demand only) †                               | 4          | BIOL 343+341     |  |  |  |            |
| BIO 211                                   | Anatomy & Physiology I                                    | 4          | BIOL 213+211     |  |  |  |            |
| BIO 212                                   | Anatomy & Physiology II                                   | 4          | BIOL 223+221     |  |  |  |            |
|   |   | <b>43</b>  |                  |  |  |  |            |
|   |   |            |                  |  | Total JC Credit Hours                                |  | <b>107</b> |
|   |   |            |                  |  | Total MBU Credit Hours                               |  | <b>53</b>  |
|   |   |            |                  |  | Total  |  | <b>160</b> |

*†May need to take BIOL 343+341 on Main Campus since only offered on demand at Jefferson College*



Plus-Two Transfer Agreement  
 A grade of D is not acceptable in courses taken to fulfill the requirements for a major or minor  
 Total Upper Division Hours Required: at least 42  
<sup>^</sup>Applicable to AAT degree; Required for MBU  
<sup>†</sup>At least 7 hours; At least 1 course with a lab  
<sup>\*</sup>May be taken for Senior Permission  
<sup>‡</sup>Must enroll in EDAS WM7 Watermark