

# Crowder College — Missouri S&T

## Biological Sciences BA

Transfer Guide Effective as of Fall 2024

### Crowder College

### Missouri S&T

#### Communication Skills

Take all courses.

|                    |  |    |                    |  |    |
|--------------------|--|----|--------------------|--|----|
| ENGL 101           | English Composition  | 3  | ENGLISH 1120       | Exposition and Argumentation   | 3  |
| ENGL 102           | Advanced English Composition or other composition course   | 3  | ENGLISH 1160       | Writing and Research or other composition course   | 3  |
| Foreign Language   | Foreign Language<br>3 semesters of same language OR 2 semesters of each of two different languages | 12 | Foreign Language   | Foreign Language<br>3 semesters of same language OR 2 semesters of each of two different languages | 12 |
| <b>Total Hours</b> |  |    | <b>Total Hours</b> |  |    |
| 18                 |  |    | 18                 |  |    |

#### Math and Sciences

Take all courses.

|                    |                                     |   |                    |   |   |
|--------------------|-------------------------------------|---|--------------------|---|---|
| MATH 135           | Algebra for Calculus or higher math | 3 | MATH 1140          | College Algebra or higher math  | 3 |
| BIOL 101           | General Biology                     | 4 | BIO SCI 1113,1219  | General Biology and Lab   | 4 |
| CHEM 111           | General Chemistry I                 | 5 | CHEM 1310, 1319    | General Chemistry I and Lab   | 5 |
| CHEM 112           | General Chemistry II                | 5 | CHEM 1320, 1510*   | General Chemistry II (3) and Qualitative Analysis (2)<br><small>*CHEM 1510 is not an S&amp;T degree requirement. Will transfer as general credit.</small> | 3 |
| <b>Total Hours</b> |                                     |   | <b>Total Hours</b> |   |   |
| 17                 |                                     |   | 15                 |   |   |

#### Humanities

Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatre), philosophy, literature.

|   |   |   |  |   |   |
|---|---|---|--|---|---|
| ART 101 or<br>MUSC 101 or<br>TA 205       | Art Appreciation or<br>Music Appreciation or<br>Intro to Theatre or other fine art                      | 3 | ART 1180 or<br>MUSIC 1150 or<br>THEATRE 1190       | Art Appreciation or<br>Music Understanding and Appreciation or<br>Theatre via Video or other fine art                             | 3 |
| ENGL 240 or<br>ENGL 230 or<br>ENGI 222 or | British Literature I or<br>Survey of American Literature I or<br>World Literature I or other literature | 3 | ENGLISH 1211 or<br>ENGLISH 1221 or<br>ENGLISH 1231 | British Literature I: The Beginnings to 1800 or<br>American Literature: 1600 to 1865 or<br>World Literature I or other literature | 3 |
| PHIL 101                                  | Intro to Western Philosophy or other philosophy   | 3 | PHILOS 1105  | Self and World: Intro to Philosophy or other philosophy   | 3 |
| <b>Total Hours</b>                        |   |   | <b>Total Hours</b>                                 |   |   |
| 9   |   |   | 9  |   |   |

#### Social Sciences

Select 6 hours to include classes in two of the following three areas: economics, political science, and psychology.

|                         |  |   |                           |  |   |
|-------------------------|--|---|---------------------------|--|---|
| ECON 202 or<br>ECON 201 | Principles of Microeconomics or<br>Principles of Macroeconomics or other economics | 3 | ECON 1100 or<br>ECON 1200 | Principles of Microeconomics or<br>Principles of Macroeconomics or other economics | 3 |
| PLSC 103                | National, State, Local Government or other political science                       | 3 | POL SCI 1200              | American Government or other political science                                     | 3 |
| PSYC 101                | General Psychology or other psychology   | 3 | PSYCH 1101                | General Psychology or other psychology   | 3 |
| <b>Total Hours</b>      |  |   | <b>Total Hours</b>        |  |   |
| 6                       |  |   | 6                         |  |   |

#### Additional Degree Requirements

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

|  |   |     |                                |   |     |
|--|---|-----|--------------------------------|---|-----|
| BSAD 236 or<br>MATH 130 or<br>COMP 111 | Business Statistics (3) or<br>Elementary Statistics (3) or<br>Intro to Computer Science (4) | 3-4 | STAT 1115* or<br>CS 1971, 1981 | Statistics for the Social Sciences I* (3) or<br>Intro to Programming Method and Lab (3)<br>Satisfies a computer science/statistics requirement. Credit hours apply to degree totals as indicated for each course.<br><small>*Will be substituted for STAT 3111.</small> | 3-4 |
| HIST 101                               | Western Civilization I  | 3   | HISTORY 1100                   | Early Western Civilization  | 3   |
| HIST 102                               | Western Civilization II   | 3   | HISTORY 1200                   | Modern Western Civilization   | 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.