

State Fair Community College — Missouri S&T

Biological Sciences BA with Secondary Education Teacher Certification Transfer Guide Effective as of Fall 2017

State Fair Community College

Missouri S&T

Communication Skills (Take all courses)

| | | | | | |
|-------------|------------------------|---|--------------|------------------------------|---|
| ENGL 101 | English Composition I | 3 | ENGLISH 1120 | Exposition and Argumentation | 3 |
| ENGL 102 | English Composition II | 3 | ENGLISH 1160 | Writing and Research | 3 |
| SPTH 101 | Public Speaking | 3 | SPMS 1185 | Principles of Speech | 3 |
| Total Hours | | | Total Hours | | |
| 9 | | | 9 | | |

Social Sciences (Take all courses)

| | | | | | |
|-------------|------------------------------|---|--------------|---------------------|---|
| POLS 101 | American/National Government | 3 | POL SCI 1200 | American Government | 3 |
| PSY 101 | General Psychology | 3 | PSYCH 1101 | General Psychology | 3 |
| Total Hours | | | Total Hours | | |
| 6 | | | 6 | | |

Humanities (Take all courses)

| | | | | | |
|-----------------------|---|---|---------------------------|---|---|
| ART 101 or MUS 101 | Art Appreciation or Music Appreciation | 3 | ART 1180 or MUSIC 1150 | Art Appreciation or Music Appreciation | 3 |
| PHIL 101 | Introduction to Philosophy | 3 | PHILOS 1105 | Introduction to Philosophy | 3 |
| | | | | Literature Elective | 3 |
| Total Hours | | | Total Hours | | |
| 6 | | | 9 | | |

Mathematics and Sciences (Take all courses)

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|--|---|-------------------|---|---|-------------------|
| MATH 102 or MATH 106 or MATH 130 | Intermediate Algebra or College Algebra or Calculus and Analytical Geometry I or higher level math | 3 or 3 or 5 | MATH 1103 or MATH 1140 or MATH 1208 | Fundamentals of Algebra or College Algebra or Calculus with Analytical Geometry I or higher level math | 3 or 3 or 5 |
| CHEM 123 | General Chemistry I with Lab | 5 | CHEM 1310, 1319 | General Chemistry I and Lab | 5 |
| CHEM 124 | General Chemistry II with Lab | 5 | CHEM 1320 | General Chemistry II | 3 |
| Total Hours | | | Total Hours | | |
| 10 | | | 16-18 | | |

Additional Degree Requirements (Select up to 9 hours)

| | | | | | |
|-------------------------|---|---|---------------------------------|---|---|
| PHYS 105 or EASC 120 | College Physics I with Lab or Intro to Astronomy | 5 | PHYSICS 1145 or PHYSICS 1505 | College Physics I or Astronomy | 3 |
| BIO 126 | Biology II with Lab | 5 | BIO SCI 1223, 1229 | Biodiversity and Lab | 4 |
| BIO 210 | Principles of Genetics with Lab | 4 | BIO SCI 2223 | General Genetics | 3 |
| CHEM 221 | Organic Chemistry I with Lab | 5 | CHEM 2210 | Organic Chemistry I | 4 |
| CHEM 222 | Organic Chemistry II with Lab | 5 | CHEM 2220 | Organic Chemistry II | 4 |
| HIST 108 | World Civilization Before 1500 | 3 | HISTORY 1100 | Early Western Civilization | 3 |
| HIST 109 | World Civilization After 1500 | 3 | HISTORY 1200 | Modern Western Civilization | 3 |
| | <i>See your advisor for course options</i> | | | Mathematics, physics, or geology elective | |
| Total Hours | | | Total Hours | | |
| 13 | | | 13 | | |

Teacher Certification Requirements (Take all courses)

| | | | | | |
|-------------|--------------------------|---|----------------------------|---------------------------------------|---|
| EDUC 209 | Foundations of Education | 3 | EDUC 1040 | Perspectives in Education | 2 |
| EDUC 220 | Educational Psychology | 3 | PSYCH 2300 or EDUC 2102 | Educational Psychology | 3 |
| PSY 210 | Lifespan Development | 3 | PSYCH 3310 | Developmental Psychology | 3 |
| | | | | Biological Sciences Computer Elective | 3 |
| Total Hours | | | Total Hours | | |
| 9 | | | 11 | | |

***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 Chemistry with secondary education teacher certification.

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

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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.