

Degree Title
Arkansas State University - Jonesboro
Bachelor of Science in Education
Major: General Science: Biology Emphasis
2019-2020

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. ***Failure to participate in required assessments may delay graduation.***

| Year 1 | | | | Year 1 | | | |
|--------------------|----------------------------|-----|--------|--------------------|------------------------------------|-----|--------|
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIO 1013 | Biology Making Connections | 3 | | BIO 1503 | Biology of Plants | 3 | |
| BIO 1303 | Biology of Animals | 3 | | BIO 1501 | Biology of Plants Lab | 1 | |
| BIO 1301 | Biology of Animals Lab | 1 | | CHEM 1013 | General Chemistry I | 3 | x |
| ENG 1003 | Composition I | 3 | x | CHEM 1011 | General Chemistry I Lab | 1 | x |
| MATH 2194 | Survey of Calculus | 4 | x | ENG 1013 | Composition II | 3 | x |
| | | | | SCOM 1203 | Oral Communication | 3 | X |
| Total Hours | | 14 | | Total Hours | | 14 | |
| Year 2 | | | | Year 2 | | | |
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIO 2013 | Biology of the Cell | 3 | X | BIO 3023 | Principles of Ecology | 3 | |
| BIO 2011 | Biology of the Cell Lab | 1 | X | CHEM 3103 | Organic Chemistry I | 3 | |
| CHEM 1023 | General Chemistry II | 3 | | PHYS 2064 | General Physics II | 4 | |
| CHEM 1021 | General Chemistry II Lab | 1 | | | Social Science | 3 | X |
| PHYS 2054 | General Physics I | 4 | | SCED 2xx3 | Introduction to Secondary Teaching | 3 | |
| PSY 2013 | Introduction to Psychology | 3 | x | | | | |
| Total Hours | | 15 | | Total Hours | | 16 | |

| Year 3 | | | | Year 3 | | | |
|--------------------------|---|-----|--------|---------------------------|--|-----|--------|
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIO 3013 | Genetics | 3 | | BIO 3033 | Evolution | 3 | |
| BIO 3011 | Genetics Lab | 1 | | SCED 3515 | Performance Based Instructional Design | 5 | |
| PSY 3703 | Educational Psychology | 3 | | ELSE 3643 | The Exceptional Student in the Regular Classroom | 3 | |
| GEOL 1003 | Environmental Geology | 3 | | PHYS 1103 | Introduction to Space Science | 3 | |
| HLTH 2513 | Principles of Personal Health | 3 | | | OR | | |
| | US History (to or since 1876) or American Government | 3 | x | PHYS 3033 | Astronomy | | |
| | | | | | Humanities | 3 | x |
| Total Hours | | 16 | | Total Hours | | 17 | |
| Year 4 | | | | Year 4 | | | |
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIO 4104 | Microbiology | 4 | | TIBI 4826 | Teaching Internship in the Secondary Schools | 12 | |
| | Fine Arts | 3 | X | | | | |
| SCED 4713 | Educational Measurements with Computer Applications | 3 | | | | | |
| GEOG 3723 | Introduction to Physical Geography: Weather and Climate | 3 | | | | | |
| | OR | | | | | | |
| GEOG 4633 | Climatology | | | | | | |
| EDSC 4593 | Materials and Methods for Teaching Science in Secondary Schools | 3 | | | | | |
| Total Hours | | 16 | | Total Hours | | 12 | |
| Total Jr/Sr Hours | | 52 | | Total Degree Hours | | 120 | |