

Bachelor of Science in Arts - Concentration in Biology Education (Starting with ENGL 102 and MATH 115)

TOTAL UNITS TO DEGREE:

| Course | Course Title | Units | |
|--------------------------------|--------------|--------------------------|-----------|
| FALL (Yr 1, Semester 1) | | | |
| *B4/Prereq | MATH 115 | Algebra | 3 |
| | MATH 15 | College Algebra Workshop | 1 |
| A1 | COMM 100 | Communication | 3 |
| C1 | | Student choice | 3 |
| D1 | | Student choice | 3 |
| E | GS 101A | Foundations of Success I | 1 |
| TOTAL: | | | 14 |

| Course | Course Title | Units | |
|----------------------------------|--------------|--|-----------|
| SPRING (Yr 1, Semester 2) | | | |
| B2/LD Major | BIOL 140A | Principles of Cell & Mol. Biology | 5 |
| Prereq | MATH 120 | Precalculus | 3 |
| A2 | ENGL 102 | Accelerated College Writing (Eng Comp) | 3 |
| C2 | | Student choice | 3 |
| E | GS 101B | Foundations of Success II | 1 |
| TOTAL: | | | 15 |

| Course | Course Title | Units | |
|--------------------------------|--------------|----------------------------------|-----------|
| FALL (Yr 2, Semester 3) | | | |
| B1 | CHEM 111 | General Chemistry I | 5 |
| LD Major | BIOL 140B | Principles of Organismal Biology | 5 |
| UD Major | TED 301 | Introduction to Education | 3 |
| A3 | PHIL 100 | Workshop in Critical Thinking | 3 |
| TOTAL: | | | 16 |

| Course | Course Title | Units | |
|----------------------------------|--------------|--------------------------------|-----------|
| SPRING (Yr 2, Semester 4) | | | |
| B3 | CHEM 112 | General Chemistry II | 5 |
| LD Major | PHYS 115 | Elementary Physics | 3 |
| LD Major | STAT 303 | Statistical Methods in Biology | 3 |
| 2nd Comp | ENGL 201 | College Writing II | 3 |
| TOTAL: | | | 14 |

| Course | Course Title | Units | |
|--------------------------------|--------------|-----------------------------|-----------|
| FALL (Yr 3, Semester 5) | | | |
| UD Major | CHEM 230 | Survey of Organic Chemistry | 5 |
| UD Major | BIOL 370 | Animal Physiology | 4 |
| UD Major | PHIL 371 | Philosophy of Education | 3 |
| D2/CODE 1 | | Student choice | 3 |
| TOTAL: | | | 15 |

| Course | Course Title | Units | |
|----------------------------------|--------------|-----------------------|-----------|
| SPRING (Yr 3, Semester 6) | | | |
| LD Major | GEOL 100 | Earth Systems Science | 4 |
| UD Major | BIOL 350 | Ecology | 4 |
| C3 | | Student choice | 3 |
| D3/CODE 2 | | Student choice | 3 |
| TOTAL: | | | 14 |

| Course | Course Title | Units | |
|--------------------------------|--------------|---------------------------|--------------|
| FALL (Yr 4, Semester 7) | | | |
| UD Major | BIOL 330 | General Microbiology | 5 |
| UD Major | BIOL 310 | Genetic Analysis I | 4 |
| UD Maj Elec | | Student Choice | 3-4 |
| UD Major | SCI 308 | Hands-on Science Teaching | 1 |
| C4 | | Student choice | 3 |
| TOTAL: | | | 16-17 |

| Course | Course Title | Units | |
|----------------------------------|--------------|----------------------|--------------|
| SPRING (Yr 4, Semester 8) | | | |
| Major Cap | | Student Choice | 3-4 |
| UD Major | BIOL 320 | Evolutionary Biology | 3 |
| **UD Maj Elec | | Student Choice | 2-3 |
| B6 | | Student Choice | 3 |
| D4 | | Student Choice | 3 |
| TOTAL: | | | 14-16 |

*Is a prerequisite for a required major course; does not count toward major unit count.

**A minimum of 3-4 upper division elective units required

Note: Placement of GE courses are suggestions and may be moved following consultation with an advisor