# Bachelor of Science in Biological Science – Concentration in Physiology

| | Course | Course Title | *Units* |
|---|---|---|---|
| **FALL (Yr 1, Semester 1)** | | | |
| Req Major | MATH 130 | Calculus | 4 |
| E | GS 101A | Foundations of Success I | 1 |
| A1 | COMM 100 | Public Speaking | 3 |
| C1 | | Student choice | 3 |
| D1/CODE 1 | | Student choice | 3 |
| | | **TOTAL:** | **14** |

| | Course | Course Title | *Units* |
|---|---|---|---|
| **SPRING (Yr 1, Semester 2)** | | | |
| B2/LD Major | BIOL 140A | Principles of Cell & Mol. Biology | 5 |
| A2 | ENGL 102 | Accelerated College Writing | 3 |
| UD Major | STAT 303 | Statistics for Biology | 3 |
| E | GS 101B | Foundations of Success II | 1 |
| C2 | | Student choice | 3 |
| | | **TOTAL:** | **15** |

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|---|---|---|---|
| **FALL (Yr 2, Semester 3)** | | | |
| B1 | CHEM 111 | General Chemistry I | 5 |
| LD Major | BIOL 140B | Principles of Organismal Biology | 5 |
| D2 | | Student choice | 3 |
| A3 | PHIL 100 | Workshop in Clear Thinking | 3 |
| | | **TOTAL:** | **16** |

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|---|---|---|---|
| **SPRING (Yr 2, Semester 4)** | | | |
| B3 | CHEM 112 | General Chemistry II | 5 |
| UD Major | BIOL 310 | Genetic Analysis I | 4 |
| UD Major | BIOL 370 | Animal Physiology | 4 |
| Writing II/WID | ENGL 200 | College Writing II | 3 |
| | | **TOTAL:** | **16** |

| | | | |
|---|---|---|---|
| **FALL (Yr 3, Semester 5)** | | | |
| UD Major | CHEM 230 | Survey of Organic Chemistry | 5 |
| LD Major | PHYS 125 | Principles of Physics I | 4 |
| UD Major | BIOL 320 | Evolutionary Biology | 3 |
| D3 | | Student choice | 3 |
| | | | |
| | | **TOTAL:** | **15** |

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|---|---|---|---|
| **SPRING (Yr 3, Semester 6)** | | | |
| UD Major | CHEM 340 | Survey of Biochemistry | 3 |
| LD Major | PHYS 126 | Principles of Physics II | 4 |
| Maj Elec 1 | | Student choice | 3-4 |
| C3 | | Student choice | 3 |
| Code 2 | | Student choice | 3 |
| | | **TOTAL:** | **16-17** |

| | | | |
|---|---|---|---|
| **FALL (Yr 4, Semester 7)** | | | |
| Major/Cap | BIOL 488 | Environmental Physiology | 3 |
| Maj Elec 2 | | Student choice | 3-4 |
| Maj Elec 3 | | Student choice | 3-4 |
| B6 | | Student choice | 3 |
| E | | Student choice | 1 |
| | | **TOTAL:** | **13-15** |

| | | | |
|---|---|---|---|
| **SPRING (Yr 4, Semester 8)** | | | |
| Maj Elec 4 | | Student choice | 3-4 |
| Maj Elec 5 | | Student choice | 2-4 |
| Maj Elec 6 (if necessary) | | Student choice | 0-4 |
| C4 | | Student choice | 3 |
| D4 | | Student choice | 3 |
| | | **TOTAL:** | **11-18** |
| | | **TOTAL UNITS TO DEGREE:** | **120** |

For a list of suggested GE courses for Biology majors, please visit: **http://www.csueastbay.edu/biology/advising/ge-courses.html**

For a list of Biology Faculty Advisors, please visit: **http://www.csueastbay.edu/biology/advising/faculty-advisors.html**