

B.S. in Biological Sciences - Concentration in Physiology (Starting with ENGL 102 and MATH 125)

Total Units to Degree: 120 Units

FALL (Yr 1, Semester 1)

| Requirement | Course | Course Title | Units |
|---------------|----------|----------------------------------|-----------|
| E | BIOL 130 | Connecting to Biology | 2 |
| LD Major | PHYS 125 | Principles of Physics I | 4 |
| *Prereq | MATH 125 | Precalculus with Algebra | 5 |
| A2 | ENGL 102 | Accel College Writing (Eng Comp) | 3 |
| E | | Student choice | 1 |
| TOTAL: | | | 15 |

SPRING (Yr 1, Semester 2)

| Requirement | Course | Course Title | Units |
|---------------|-----------|-----------------------------------|-----------|
| B2/LD Major | BIOL 140A | Principles of Cell & Mol. Biology | 5 |
| LD Major | PHYS 126 | Principles of Physics II | 4 |
| B4/LD Major | MATH 130 | Calculus | 4 |
| 2nd Comp | | Student Choice | 3 |
| TOTAL: | | | 16 |

FALL (Yr 2, Semester 3)

| Requirement | Course | Course Title | Units |
|---------------|-----------|----------------------------------|-----------|
| B1 | CHEM 111 | General Chemistry I | 3 |
| B1/LD Major | CHEM 111L | General Chemistry I Lab | 2 |
| LD Major | BIOL 140B | Principles of Organismal Biology | 5 |
| UD Major | STAT 303 | Statistics for Biology | 3 |
| A1 | COMM 100 | Oral Communication | 3 |
| TOTAL: | | | 16 |

SPRING (Yr 2, Semester 4)

| Requirement | Course | Course Title | Units |
|---------------|-----------|-------------------------------|-----------|
| LD Major | CHEM 112 | General Chemistry II | 3 |
| LD Major | CHEM 112L | General Chemistry II Lab | 2 |
| UD Major | BIOL 310 | Genetic Analysis I | 4 |
| A3 | PHIL 100 | Workshop in Critical Thinking | 3 |
| C1 | | Student choice | 3 |
| TOTAL: | | | 15 |

FALL (Yr 3, Semester 5)

| Requirement | Course | Course Title | Units |
|---------------|----------|-----------------------------|-----------|
| UD Major | CHEM 230 | Survey of Organic Chemistry | 5 |
| UD Major | BIOL 370 | Animal Physiology | 4 |
| UD Major | BIOL 320 | Evolutionary Biology | 3 |
| D1/CODE 1 | | Student choice | 3 |
| TOTAL: | | | 15 |

SPRING (Yr 3, Semester 6)

| Requirement | Course | Course Title | Units |
|---------------|----------|------------------------|--------------|
| UD Major | BIOL 340 | Survey of Biochemistry | 3 |
| UD Major | BIOL 350 | Ecology | 4 |
| **Maj Elec 1 | | Student choice | 3-4 |
| D2/CODE 2 | | Student choice | 3 |
| ^C2 | | Student choice | 3 |
| TOTAL: | | | 16-17 |

FALL (Yr 4, Semester 7)

| Requirement | Course | Course Title | Units |
|---------------|----------|--------------------------|--------------|
| Major/Cap | BIOL 488 | Environmental Physiology | 4 |
| **Maj Elec 2 | | Student choice | 3-4 |
| ^UD-B | | Student Choice | 3 |
| ^F | | Student choice | 3 |
| UWR*** | | Student choice | 3 |
| TOTAL: | | | 16-17 |

SPRING (Yr 4, Semester 8)

| Requirement | Course | Course Title | Units |
|---------------|--------|----------------|--------------|
| **Maj Elec 3 | | Student choice | 4 |
| **Maj Elec 4 | | Student choice | 4-2 |
| ^C3 | | Student choice | 3 |
| ^UD-C | | Student choice | 3 |
| ^UD-D | | Student Choice | 3 |
| TOTAL: | | | 15-17 |

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

**A minimum of 14 upper division elective units required; Pre-approved major electives can be found [here](#).

^ Courses that you can double count with one of the three required overlays (Diversity, Social Justice, Sustainability)

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