

## Bachelor of Science in Biological Science – Concentration in Ecology & Evolutionary Biology (Category I)

| Course                         | Course Title | Units                             |           |
|--------------------------------|--------------|-----------------------------------|-----------|
| <b>FALL (Yr 1, Semester 1)</b> |              |                                   |           |
| B2/LD Major                    | BIOL 140A    | Principles of Cell & Mol. Biology | 5         |
| LD Major                       | MATH 130     | Calculus                          | 4         |
| A1                             | COMM 100     | Communication                     | 3         |
| C1                             |              | Student choice                    | 3         |
| E                              | GS 101A      | Foundations of Success I          | 1         |
|                                |              | <b>TOTAL:</b>                     | <b>16</b> |

| Course                           | Course Title | Units                                 |           |
|----------------------------------|--------------|---------------------------------------|-----------|
| <b>SPRING (Yr 1, Semester 2)</b> |              |                                       |           |
| LD Major                         | BIOL 140B    | Principles of Organismal Biology      | 5         |
| A2                               | ENGL 101     | College Writing (English Composition) | 3         |
| C2                               |              | Student choice                        | 3         |
| D1/CODE 1                        |              | Student choice                        | 3         |
| E                                | GS 101B      | Foundations of Success II             | 1         |
|                                  |              | <b>TOTAL:</b>                         | <b>15</b> |

|                                |          |                               |           |
|--------------------------------|----------|-------------------------------|-----------|
| <b>FALL (Yr 2, Semester 3)</b> |          |                               |           |
| B1                             | CHEM 111 | General Chemistry I           | 5         |
| UD Major                       | BIOL 310 | Genetic Analysis I            | 4         |
| UD Major                       | STAT 303 | Statistics for Biology        | 3         |
| A3                             | PHIL 100 | Workshop in Critical Thinking | 3         |
|                                |          | <b>TOTAL:</b>                 | <b>15</b> |

|                                  |          |                             |              |
|----------------------------------|----------|-----------------------------|--------------|
| <b>SPRING (Yr 2, Semester 4)</b> |          |                             |              |
| B3                               | CHEM 112 | General Chemistry II        | 5            |
| UD Major                         | BIOL 370 | Animal Physiology           | 4            |
| Maj Elec 1                       |          | Student choice              | 3-4          |
| Writing II/WID                   | ENGL 102 | Accelerated College Writing | 3            |
|                                  |          | <b>TOTAL:</b>               | <b>15-16</b> |

|                                |          |                             |           |
|--------------------------------|----------|-----------------------------|-----------|
| <b>FALL (Yr 3, Semester 5)</b> |          |                             |           |
| UD Major                       | CHEM 230 | Survey of Organic Chemistry | 5         |
| LD Major                       | PHYS 125 | Principles of Physics I     | 4         |
| UD Major                       | BIOL 350 | Ecology                     | 4         |
| D2                             |          | Student choice              | 3         |
|                                |          |                             |           |
|                                |          | <b>TOTAL:</b>               | <b>16</b> |

|                                  |          |                          |           |
|----------------------------------|----------|--------------------------|-----------|
| <b>SPRING (Yr 3, Semester 6)</b> |          |                          |           |
| UD Major                         | CHEM 340 | Survey of Biochemistry   | 3         |
| LD Major                         | PHYS 126 | Principles of Physics II | 4         |
| UD Major                         | BIOL 320 | Evolutionary Biology     | 3         |
| C3                               |          | Student choice           | 3         |
| Code 2                           |          | Student choice           | 3         |
|                                  |          | <b>TOTAL:</b>            | <b>16</b> |

|                                |  |                |              |
|--------------------------------|--|----------------|--------------|
| <b>FALL (Yr 4, Semester 7)</b> |  |                |              |
| Maj Elec 2                     |  | Student choice | 3-4          |
| Maj Elec 3                     |  | Student choice | 3-4          |
| D3                             |  | Student choice | 3            |
| B6                             |  | Student Choice | 3            |
|                                |  |                |              |
|                                |  | <b>TOTAL:</b>  | <b>12-14</b> |

|                                  |          |                           |              |
|----------------------------------|----------|---------------------------|--------------|
| <b>SPRING (Yr 4, Semester 8)</b> |          |                           |              |
| Major/Cap                        | BIOL 469 | Conservation Biology      | 4            |
| Maj Elec 4 (if needed)           |          | Student choice            | 0-2          |
| UD Major                         | BIOL 460 | EEB Undergraduate Seminar | 2            |
| C4                               |          | Student Choice            | 3            |
| D4                               |          | Student choice            | 3            |
|                                  |          | <b>TOTAL:</b>             | <b>12-14</b> |

**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>