

Drexel University  
 Department of Biology  
 Undergraduate Curriculum Sequence for the Biological Sciences Major  
**Ecology/Evolutionary Biology/Paleobiology Concentration**  
**No Focus Area**  
 5 CO-OP \*Sp/Su COOP ONLY

| FALL   | WINTER   | SPRING   | SUMMER                    |
|--|--|--|---------------------------|
| <b>Freshman</b><br>BIO 122 Cells & Genetics 4.5<br>CHEM 101 General Chemistry I 3.5<br>ENGL 101 Expos Writing and Read 3<br>MATH 101 or 121 4<br>UNIV 101 The Drexel Experience 1<br><b>16</b>             | BIO 124 Evolution & Org Diversity 4.5<br>CHEM 102 General Chemistry II 4.5<br>ENGL 102 Persuasive Writing & Read 3<br>MATH 102 or 122 4<br>UNIV 101 The Drexel Experience 2<br><b>18</b>       | BIO 126 Physiology & Ecology 4.5<br>CHEM 103 General Chemistry III 5<br>ENGL 103 Analytical Writing & Read 3<br>MATH 239 or 123 4<br>Co-op<br><b>16.5</b>        | VACATION                  |
| <b>Sophomore</b><br>BIO 217 Evolution 4<br>BIO 219 Techniques in Molecular Bio 2.5<br>CHEM 241 Organic Chemistry I 4<br>PHYS 152 Introductory Physics I 4<br><b>14.5</b>                                   | BIO 218 Principles of Molecular Bio 4<br>CHEM 242 Organic Chemistry II 4<br>CHEM 244 Organic Chemistry Lab I 3<br>PHYS 153 Introductory Physics II 4<br><b>15</b>                              | COOP   | COOP                      |
| <b>Pre-Junior</b><br>ENVS 270 Hist of Life on Earth 4<br>CHEM 245 Organic Chemistry Lab II 3<br>CHEM 243 Organic Chemistry III 3<br>PHYS 154 Introductory Physics III 4<br><b>14</b>                       | BIO 224 Vertebrates 4<br>BIO 225 Vertebrate Lab 2<br><b>BIO/ENVS Elective 3</b><br>PHIL 251 Ethics 3<br>Free Elective 3<br><b>15</b>   | COOP   | COOP                      |
| <b>Junior</b><br>ENVS Conc Req 3<br>Biology Laboratory Requirement 2<br>MATH 410 Scientific Data Analysis I 3<br>COM 230 Techniques of Speaking 3<br>Free Elective 3<br><b>14</b>                          | ENVS Conc Req 3<br>Science Tech. Human Affairs Elective 3<br>MATH 411 Scientific Data Analysis II 3<br>COM 310 Technical Writing 3<br>Free Elective 3<br><b>15</b>                             | COOP   | COOP                      |
| <b>Senior</b><br>ENVS Conc Req 3<br>Biology Laboratory Requirement 2<br>BIO 471 Seminar in Biological Science 2<br>Humanities/Social Science Elective 3<br>Free Elective 3<br>Free Elective 3<br><b>16</b> | <b>BIO/ENVS Elective 3</b><br><b>BIO/ENVS Elective 3</b><br>BIO 472 Seminar in Biological Science 2<br>Humanities/Social Science Elective 3<br>Free Elective 3<br>Free Elective 3<br><b>14</b> | <b>BIO/ENVS Elective 3</b><br>BIO 473 Seminar in Biological Science 2<br>Humanities/Social Science Elective 3<br>Free Elective 3<br>Free Elective 3<br><b>14</b> | GRADUATION<br>182 credits |

Courses in Blue are Courses Required for this Concentration

Courses in Red are Electives for this Concentration