Introductory Life Sciences/Biology Requirement: Specific major requirements are not outlined below. Students should discuss course selection with their faculty advisor or departmental representative and should be used as a guideline when selecting appropriate courses for your curriculum. Students must complete at least six academic credits from the following or Credit by Examination or pre-approved non-Cornell credit.

<table>
<thead>
<tr>
<th>Advising Recommendation</th>
<th>Course number</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences Majors: <a href="https://biology.cornell.edu/academics">https://biology.cornell.edu/academics</a> (BIO-AG)</td>
<td>BIOG 1440</td>
<td>Comparative Physiology</td>
<td>3</td>
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<tr>
<td></td>
<td>BIOG 144S</td>
<td>Comparative Physiology, Autotutorial</td>
<td>4</td>
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<tr>
<td></td>
<td>BIOMG 1350</td>
<td>Cell and Developmental Biology</td>
<td>3</td>
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<td></td>
<td>BIOEE 1610</td>
<td>Ecology and the Environment</td>
<td>3 or 4</td>
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<td></td>
<td>BIOG 1500</td>
<td>Investigative Laboratory</td>
<td>2</td>
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<tr>
<td></td>
<td>BIOEE 1780</td>
<td>Evolutionary Biology and Diversity</td>
<td>4 or 5</td>
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<tr>
<td></td>
<td>BIOEE 1781</td>
<td>Introduction to Evolution and Diversity (online)</td>
<td>4</td>
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<tr>
<td></td>
<td>BIOEE 2525/2526/2527</td>
<td>Ecology and Conservation of Wildlife in the Neotropics</td>
<td>4</td>
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<tr>
<td></td>
<td>BIOSM 1500 (summer)</td>
<td>Investigative Marine Biology Laboratory</td>
<td>3</td>
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<tr>
<td></td>
<td>BIOSM 1610 (summer)</td>
<td>Ecology and the Marine Environment</td>
<td>3</td>
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<tr>
<td></td>
<td>BIOSM 2770 (summer)</td>
<td>Marine and Coastal Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BIOSM 3830 (summer)</td>
<td>Field Marine Invertebrate Biology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BIOSM 1780 (summer)</td>
<td>Evolution and Marine Diversity</td>
<td>4</td>
</tr>
</tbody>
</table>

| Life Sciences Majors (BIOLS-AG) | BIOAP 1100 | Domestic Animal Biology                                                      | 4       |
|                                 | BIOMG 1290 | Personal Genomics and Medicine                                               | 3       |
|                                 | BIOMG 1150 | Human Genetics: Science & Society                                            | 3       |
|                                 | BIOG 1140 | Foundations of Biology                                                       | 4       |
|                                 | BIOEE 1180/STS 1180 | Evolution                      | 3       |
|                                 | DSOC 1300 | Just Food: Exploring the Modern Food System                                 | 3       |
|                                 | PLSCI 1420 | Functional Plant Biology                                                     | 3       |
|                                 | PLHRT 1112 (summer) | Lawns, Gardens and Landscapes                               | 3       |
|                                 | PLHRT 1115 | The Nature of Plants                                                        | 3       |
|                                 | PLBIO 2100 | Medical Ethnobotany                                                         | 3       |
|                                 | PLBIO 2400 | Green World Blue Planet                                                     | 3       |
|                                 | PLBIO 2410 | Plant Diversity and Evolution                                               | 3       |
|                                 | PLSCI 4190 | Cannabis: Biology, Society and Industry                                     | 3       |
|                                 | PLBIO 2450 (summer) | Plant Biology                     | 3       |
|                                 | BIOMS 1130 (summer) | Introduction to Reproduction                     | 3       |
|                                 | BIOSM 1500 (summer) | Investigative Marine Biology Laboratory                                    | 3       |
|                                 | BIOSM 1610 (summer) | Ecology and the Marine Environment                                          | 3       |
|                                 | BIOSM 3450 (summer) | Marine Mammal Biology                                                       | 3       |
|                                 | BIOSM 1780 (summer) | Evolution and Marine Diversity                                               | 4       |

| Non-Life Science Majors (BIONLS-AG) | EAS/BIOEE 1551(summer) | Field Introductory Oceanography (Intro Biology will be fulfilled when combined with EAS/BIOEE 1540 on campus) | 1.5     |
|                                     | PLSICS/BIOMI 1120 | Microbes, the Earth, & Everything                                         | 3       |
|                                     | BIOEE/EAS 1560 | Introductory Oceanography with Laboratory                                  | 4       |
|                                     | ENTOM 2020 | Invasions                                                                  | 3       |
|                                     | ENTOM 2030 | Honey Bees: Their Intriguing Biology & Interactions with Humans            | 3       |
|                                     | PLBIO 2470 | Plants and People                                                          | 3       |
|                                     | PLBIO 2490 | Hollywood Biology: Science in Cinema                                        | 3       |
|                                     | PLBRG 2010 | Plants, Genes, and Global Food Production                                  | 3       |
|                                     | ENTOM 2011 | Alien Empire: Bizarre Biology of Bugs                                       | 3       |
|                                     | VIEN 2204 | Principles & Practices of Growing Grapes and Making Wines                 | 3       |
|                                     | PLPPM 2013 | Mushrooms, Molds, and More                                                  | 3       |
|                                     | BIOMI 1100 | College Dormitory Microbiology                                              | 3       |