

Four Year Model Plan of Study for a Major in Biological Sciences
Fall 2010

| First Year | | | |
|--|----------------------|--|---------------------|
| Fall Semester | | Spring Semester | |
| Engl 160 | 3 hours | Engl 161 | 3 hours |
| Math 121 ¹ | 5 hours | Math 180 ¹ or Stat 130 | 4-5 hours |
| Chem 112 ² | 5 hours | Chem 114 ² | 5 hours |
| General Education Requirement Course | 3 hours | General Education Requirement Course | 3 hours |
| Total | 16 hours | Total | 15-16 hours |
| Second Year | | | |
| Fall Semester | | Spring Semester | |
| Chem 232 | 4 hours | Chem 233 | 1 hours |
| BioS 100 or 101 ² | 5 hours | Chem 234 | 4 hours |
| Foreign Language | 4 hours | BioS 100 or 101 ² | 5 hours |
| General Education Requirement Course | 3 hours | Foreign Language | 4 hours |
| | | General Education Requirement Course | 3 hours |
| Total | 16 hours | Total | 17 hours |
| Third Year | | | |
| Fall Semester | | Spring Semester | |
| BioS 240 | 3 hours | BioS 230 | 3 hours |
| BioS 222 | 3 hours | BioS 220 | 3 hours |
| Physics 105 and 106 (or 141) ² | 5 (4) hours | Phys 107 and 108 (or 142) ² | 5(4) hours |
| Foreign Language | 4 hours | Foreign Language | 4 hours |
| Total | 15 (14) hours | Total | 15(14) hours |
| Fourth Year | | | |
| Fall Semester | | Spring Semester | |
| BioS 221 | 3 hours | BioS lab courses or electives ³ | 5 hours |
| BioS lab courses or electives ³ | 6 hours | General Education Requirement Course | 3 hours |
| General Education Requirement Course | 3 hours | Electives | 6-9 hours |
| General Education Requirement Course/Electives | 3 hours | | |
| Total | 15 hours | Total | 14-17 hours |

1. Math 121 and 180 each will satisfy the **Quantitative Reasoning** requirement.

2. The **Analyzing the Natural World** requirement can be satisfied with Phys 105/106, 107/108, 141, 142, BioS 100, 101, and/or Chem 112, 114 .

3. Students must take 11 additional hours, including two laboratory courses and Biological Science electives, chosen in consultation with a Biological Sciences advisor.

Note: Students must earn at least 40 advanced hours at a four-year college or university. These hours may include hours in the major.

Note: Beginning fall 2007, the General Education Requirement is 9 courses, 2 laboratory courses from Analyzing the Natural World, 1 course from each of Understanding the Individual and Society, Understanding the Past, Understanding the Creative Arts , Exploring World Cultures, and Understanding U.S. Society. Two additional courses must be taken from any of these categories.