Recommended Coursework Strategy for B.S. Biology, Concentration in Botany: 4 – year plan

**MEET WITH YOUR BOTANY MAJOR ADVISOR EVERY SEMESTER!**

Students who are “Undeclared with an Interest in Biology – BS” should be taking COURSES IN THE MAJOR in YEAR 1.

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<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
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*Lower Division Requirement includes 16 – 17 units selected from
MATH 226 Calculus I (4); MATH 227 Calculus II (4); PHYS 111/112 General Physics I/Laboratory (3/1); PHYS 121/122 General Physics II/Laboratory (3/1); CHEM 215/216 General Chemistry II (3/2) Prereq: C or better in CHEM 115, and C-or better in: PHYS 111 AND EITHER PHYS 121 OR MATH 226

**Upper Division Requirement includes 3 – 5 units selected from
BIOL 502 Biology of the Algae; BIOL 504 Biology of the Fungi (4); BIOL 514 Plant Taxonomy (5)

***Upper Division Requirement of 4 – 7 Elective units: obtain approval from major advisor before taking elective classes. Elective courses include courses from the alternates not used in fulfilling the requirements listed above, or any other upper division biology courses not specifically excluded for major credit, or any graduate course in biology.

Students are required to complete the Upper Division Graduate Writing Assessment Requirement (GWAR) within the major.
http://biology.sfsu.edu/content/gwar

This is a RECOMMENDATION only. It is designed so that two majors science classes are taken each semester (except in Year 4). It is certainly possible to take three science courses, if you can manage your time appropriately. Check the prerequisites of courses to see if you can take a course earlier in this scheme. Also, note that there is flexibility in the lower division requirements so that it is possible to schedule physics or calculus during the 3rd or 4th year—consult major advisor to customize this course plan.

Updated 1/30/15