B.S. DEGREE - Fall 2015

30 HOURS OF BIOLOGY MINIMUM (11 or more courses)

Effective for Freshmen entering Fall 2015 and for all other students declaring a Biology Major as of Fall 2015 (6.17.15)

► 141 Foundations of Modern Biology I - LECTURE
► 141L Foundations of Modern Biology I - LAB
► 142 Foundations of Modern Biology II - LECTURE
► 142L Foundations of Modern Biology II - LAB

► One Biology course from each of the following areas:

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<th>COLUMN A</th>
<th>COLUMN B</th>
<th>COLUMN C</th>
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<tr>
<td></td>
<td>Cell &amp; Molecular</td>
<td>Organismal</td>
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<td>223 Developmental Biology (3)</td>
<td>205 Comparative Vertebrate Anatomy w/Lab * (5)</td>
<td>241 Evolutionary Biology (4)</td>
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<td>250 Cell Biology (3)</td>
<td>240 Organismal Form &amp; Function ** (3)</td>
<td>247 Ecology (same as ENVS 247) (3)</td>
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<tr>
<td>264 Genetics: A Human Perspective (4)</td>
<td>360 Intro. to Neurobiology (same as NBB 301) (3)</td>
<td>329 Coastal Biology w/Lab * (4)</td>
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* = Fulfills the upper-level laboratory requirement. ** = Biology 240 can be taken in fall semester by freshmen with AP Biology credit, concurrently with Biology 141L.

► Four (or more) electives (12 hours minimum) from the biology course listings. 100-level biology courses and Biology 497R (Supervised Reading) do NOT count toward the biology major.

► Chemistry and Physics requirements, as follows:
Chemistry 141 and 142 with Labs, Chemistry 221 with 221 Lab (or Chemistry 221Z/226L and Chemistry 222Z/227L), and Physics 141 (or 151) with Lab. Freshmen who have AP credit for Chemistry 141 and take Chemistry 221Z/226L will be exempt from taking Chemistry 142 for the biology major.

► Math requirements - 3 classes:
CALCULUS - 2 semesters (Math 111/116, OR 4 hours AP credit for AB Calculus + Math 116, OR 8 hours AP credit for BC calculus.)
Oxford Continues can fulfill the calculus requirement with Math_OX 111/112. Oxford students should discuss their specific situation with their biology advisor.
NOTE: Math 115 will no longer be offered and Math 112 will no longer be accepted for the major.

STATISTICS - 1 semester: QTM 100 (Intro to Stat. Inference) OR for Oxford students only: Math Ox 107/117 (Intro. to Probability and Stats. with Inference).

NOTES:
► Biology 141, 141L, 142, and 142L are prerequisites for all upper level courses in biology, except for the special case of Biology 240 for students with AP credit (see ** above).
► A "C" average is required in the major.
► All courses required for the Biology major must be taken for a letter grade.
► Only one cross-listed course that originates in another department may be counted for the biology major. These courses are: Biol/Psysc 320, Biol/Psysc 325, Biol/Chem 330, Biol/ENVS 345, Biol/Chem 346L, Biol/ENVS 349, Biol 356/NBB 358, Biol/NBB 361, Biol 385 (Phys 380/NBB 370), Biol/Psysc 440, and certain Biol 285, 385, and 485 courses (see course atlas). This also applies to certain ECS 490 courses with biological topics (check with the Biology Dept.).
► 2-credit hour courses may be taken for elective credit however, additional biology courses may be needed to fulfill the 12 hours minimum of elective credit required.
► ONE upper-level Biology laboratory course will be required for the Biology major.
► Up to 4 credit hours of Biology 495 (Honors Research) OR Biology 499R (Undergraduate Research) OR Biol_OX 399R (Undergraduate Research) may be counted as elective credit and an upper-level lab only after completion of the second semester.
► An AP score of 4 or 5 on the Biology AP exam OR an IB score of 5, 6, or 7 will exempt students from the Biology 141 LECTURE only. Biology 141L (Lab), Biology 142, and Biology 142L (Lab) will still be required.
► All Biology majors are required to meet with their Biology advisor EVERY SEMESTER during pre-registration. An enrollment hold will be placed on the student's OPUS account each semester until he/she has met with his/her Biology advisor for advising. The ADVISOR will release the hold after meeting with the student.