**B.S. DEGREE for OXFORD CONTINUEES - Fall 2017**

**31 HOURS OF BIOLOGY MINIMUM (9 or more courses)**

Effective for Freshmen entering Fall 2017 and for all other students declaring a Biology Major as of Fall 2017 (6.6.17)

- **BIOL_OX 141** Foundations of Modern Biology I (5)
- **BIOL_OX 142** Foundations of Modern Biology II

- One Biology course from each of the following areas:

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<thead>
<tr>
<th>COLUMN A</th>
<th>COLUMN B</th>
<th>COLUMN C</th>
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<tbody>
<tr>
<td>Cell &amp; Molecular</td>
<td>Organismal</td>
<td>Ecology &amp; Evolution</td>
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<tr>
<td>BIOL 223 Developmental Biology (3)</td>
<td>BIOL 205 Comparative Vertebrate Anatomy w/Lab * (5)</td>
<td>BIOL_OX 235Q Field Botany, w/Lab * (4)</td>
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<td>BIOL 250 Cell Biology (3)</td>
<td>BIOL 240 Organismal Form &amp; Function ** (3)</td>
<td>BIOL 241 Evolutionary Biology (4)</td>
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<td>BIOL 264 Genetics: A Human Perspective (4)</td>
<td>BIOL_OX 212Q Animal Arch. &amp; Physiology w/Lab * (4)</td>
<td>BIOL_OX 245Q Freshwater Ecology, w/Lab * (4)</td>
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<td>BIOL 360 Intro. to Neurobiology (same as NBB 301) (3)</td>
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<td>BIOL 247* Evolutionary Biology (same as ENVS 247) (3)</td>
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* = Fulfills the upper-level laboratory requirement.

** = BIOL 240 can be taken in fall semester by freshman with AP Biology credit, concurrently with BIOL 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 for the biology major. (Oxford Continuees may take BIOL_OX 121 and BIOL_OX 122 (Human A&P I & II, w/Labs) for the major in lieu of BIOL 336.)

- **Chemistry and Physics** requirements, as follows:

  - CHEM_OX 141 and CHEM_OX 142 (or CHEM 150 + 150L and 202 + 202L), CHEM_OX 221 and CHEM_OX 221L (or CHEM 221 and CHEM 221L or CHEM 221Z and CHEM 226L), and PHYS_OX 141 (or PHYS 141 (or 151)).
  - Freshmen who have AP credit for CHEM 141 or CHEM 150 and take CHEM 221Z + 226L will be exempt from taking CHEM 142 or CHEM 202 + 202L for the biology major. (NOTE: CHEM 221/221Z/221L will become 203/203L in Fall 2018; CHEM 222/222Z/222L/222ZL will become 204/204L in Spring 2019.)

- **Math** requirements - 3 classes:

  - **CALCULUS**-2 semesters: MATH_OX 111 + MATH_OX 112 or MATH 116, OR 4 hours AP credit for AB Calculus + Math 116, OR 8 hours AP credit for BC calculus.
  - **STATISTICS**-1 semester: QTM_OX 100 (or QTM 100), MATH_OX 117Q, or MATH_OX 207Q.

**NOTES:**

- **BIOL_OX 141 and BIOL_OX 142** (or BIOL 141, 141L, 142, and 142L) are prerequisites for most upper level courses in biology, except for BIOL 200 and BIOL 240.
- A "C" average is required in the major and all courses required for the major must be taken for a letter grade.
- Cross-listed Biology courses that ORIGINATE in BIOLOGY or are SHARED with another department do not come under the cross-listed rule.
- 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 is required for the Biology major (BIOL_OX 121, 122, 235Q, 242Q, 245Q, and 340R; BIOL 205, 224, 247LW, 260, 329, 346L, 360/NBB 301L, 370L, 372, 495A/BW, 499R, and NBB 361W). Special topics courses with a lab will also fulfill the upper-level lab requirement.
- A maximum of 4 credit hours of Biology 495A/BW (Honors Research) OR Biology 499R (Undergraduate Research) may be counted as elective credit and an upper-level lab only after completion of the second semester.
- Oxford students with an AP score of 4 or 5 on the Biology AP exam OR an IB score of 5, 6, or 7 receive credit for Biology 120; students with an AP score of 5 on the Biology AP exam OR an IB score of 6 or 7 may be granted permission by the Oxford Biology Chair to receive credit for BIOL_OX 141 provided they take BIOL_OX 142.
- 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.