

## 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:**

COLUMN A	COLUMN B	COLUMN C
<i>Cell &amp; Molecular</i>	<i>Organismal</i>	<i>Ecology &amp; Evolution</i>
<b>BIOL 223</b> Developmental Biology (3)	<b>BIOL 205</b> Comparative Vertebrate Anatomy w/Lab * (5)	<b>BIOL_OX 235Q</b> Field Botany, w/Lab * (4)
<b>BIOL 250</b> Cell Biology (3)	<b>BIOL 240</b> Organismal Form & Function ** (3)	<b>BIOL 241</b> Evolutionary Biology (4)
<b>BIOL 264</b> Genetics: A Human Perspective (4)	<b>BIOL_OX 242Q</b> Animal Arch. & Physiology w/Lab * (4)	<b>BIOL_OX 245Q</b> Freshwater Ecology, w/Lab * (4)
	<b>BIOL 360</b> Intro. to Neurobiology (same as NBB 301) (3)	<b>BIOL 247</b> Ecology (same as ENVS 247) (3)
		<b>BIOL 329</b> Coastal Biology w/Lab * (4)

\* = Fulfills the upper-level laboratory requirement.

\*\* = BIOL 240 can be taken in fall semester by freshmen 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/221LZ 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.
- ▶ Only **ONE** cross-listed course that **ORIGINATES IN ANOTHER DEPARTMENT** may be taken for the biology major. These courses are: Biol/Physc 320, Biol/Physc 325, Biol/Chem 330, Biol/ENVS 345, Biol/Chem 346L, Biol/ENVS 349, Biol/ENVS 361, NBB 361W, Biol/Physc 440, and certain Biol 285, 385, 485, and ORDER courses.
- ▶ 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, 360L/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.