

BIOLOGY B.A. DEGREE REQUIREMENT CHECKLIST

MAJOR DECLARATION REQUIREMENTS:

In order to declare a BA in Biology, students must first complete BIOL 2100. A student who has AP, transfer or dual enrollment credit for BIOL 2100 may substitute any 3000---level BIOL course. Incoming 3rd year transfer students may declare a BA in their first semester, provided that they are enrolled in either BIOL 3000 or BIOL 3010.

MAJOR GPA and OVERALL CREDITS:

Students are required to complete a minimum of 22 credits of upper level coursework including the three core courses, BIOL 3000, 3010, 3020, lab courses and elective courses (outlined here in 4---6). The coursework presented for the BA degree must have an overall GPA of at least 2.000.

1. INTRODUCTORY BIOLOGY:

BIOL 2100 & 2200 are required. (Students who have AP, transfer, dual enrollment, or IB credit for BIOL 2100/2200 are exempt. Grade/ Planned term

BIOL 2100 _____

BIOL 2200 _____

2. CHEMISTRY: The chemistry requirement must be satisfied by completing CHEM 1410, 1420, 1411 and 1421 (or CHEM 1810--- 1821 or CHEM 1610---1621). Students with AP, transfer, or dual enrollment credit, for only the lecture component, must still complete the laboratory courses. The lab requirement can be met with CHEM 1411 and 1421 (or CHEM 1811 & 1821 or CHEM 1611 & 1621). Grade/Planned term

CHEM 1410 (or CHEM 1810/1610) _____

CHEM 1420 (or CHEM 1820/1620) _____

LABORATORY REQUIREMENT

CHEM 1411 (or CHEM 1811/1611) _____

CHEM 1421 (or CHEM 1821/1621) _____

3. MATH: Students are required to complete either biostatistics (STAT 2020) or intro to statistics (STAT 2120) Students are also required to complete one of the following courses in calculus, MATH 1210, 1220, 1310 or 1320. The calculus requirement may be satisfied by AP, transfer, or dual enrollment credit.

Grade/Planned term

STAT 2020 OR STAT 2120 _____

MATH 1210, 1220, 1310, 1320 _____

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4. BIOLOGY CORE COURSES (9 credits): BIOL 3000, 3010, and 3020 are required. This requirement may not be satisfied by post-matriculation transfer credit.

Grade/Planned term

BIOL 3000 3 _____

BIOL 3010 3 _____

BIOL 3020 3 _____

5. BIOLOGY ELECTIVE COURSES (13 credits):

Only 3000-/4000-level courses count toward elective credit for the Biology major. Up to 6 credits of elective courses may be taken outside the Biology Department [e.g. EVSC 3200 (3 credits)]. Students who complete both CHEM 4410 and CHEM 4420 may apply three of those credits toward the Biology elective requirements. No more than 6 credits of independent research may be applied to the overall Biology BA degree. Students who are double-majors in Biology and another department must have 18 Biology credit hours that are not shared with another major. (See Number of Credits on the Declaring a Major page.) Students may choose any 3000- or 4000-level courses to satisfy Biology major elective credits; however, elective credits must include at least one course (3- or 4-credit) from each of three disciplinary areas of biology. The elective courses must also include at least 3 credits of laboratory work.

Laboratory Course: The lab requirement can be satisfied with a laboratory course at UVA or through a field course taught at the Mountain Lake Biological Station. This requirement may also be satisfied with 2 semesters of independent research (BIOL 4910/4920, 4911-4918) conducted under the direction of the same faculty mentor. The laboratory course may also be used to satisfy one of the disciplinary elective requirements.

Grade/Planned term

BIOL 3000/4000 Lab _____

BIOL 4910-4920 _____

Disciplinary Courses: Can be satisfied by one or more lab courses listed above. See the Biology Undergraduate BA Programs website for lists of courses that satisfy disciplinary area requirements.

Grade/Planned term

I. **Cell/Molecular Biol.** _____

II. **Integrative Biol.** _____

III. **Evolution/Ecology** _____