

BIOLOGY B.A. DEGREE REQUIREMENT CHECKLIST (declared prior to 8/1/15)

revised 6/24/15

MAJOR DECLARATION REQUIREMENTS:

In order to declare a BA in Biology, students must first complete BIOL 2010. A student who has AP credit for BIOL 2010 may substitute any BIOL 3000-level 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 core courses, lab courses and elective courses (outlined here in 4-6). The coursework presented for the BA degree must have an average GPA of at least 2.000.

1. INTRODUCTORY BIOLOGY:

BIOL 2010, 2020, 2030 and 2040 are required. Students who have AP or IB credit for BIOL 2010 and 2020 are exempt from the requirement for the introductory lab courses.

	<u>Grade / Planned Term</u>
<input type="checkbox"/> BIOL 2010 (or AP/IB credit)	_____
<input type="checkbox"/> BIOL 2020 (or AP/IB credit)	_____
<input type="checkbox"/> BIOL 2030 (unless exempt)	_____
<input type="checkbox"/> BIOL 2040 (unless exempt)	_____

2. CHEMISTRY:

The chemistry requirement must be satisfied by completing CHEM 1410, 1420, 1411 and 1421 (or CHEM 1810, 1811, 1820 and 1821). Students with AP chemistry credit must still complete the laboratory courses. The lab requirement can be met with CHEM 1411 and 1421 (or CHEM 1811 and 1821).

	<u>Grade / Planned Term</u>
<input type="checkbox"/> CHEM 1410 (or AP credit, CHEM 1810/1610)	_____
<input type="checkbox"/> CHEM 1420 (or AP credit, CHEM 1820/1620)	_____

LABORATORY REQUIREMENT

<input type="checkbox"/> CHEM 1411 (or CHEM 1811/1611)	_____
<input type="checkbox"/> CHEM 1421 (or CHEM 1821/1621)	_____

3. MATH:

Students are required to complete one course in calculus (MATH 1210, 1220, 1310 or 1320) or statistics (STAT 2020, 2120, or an equivalent or higher level course in another department).

	<u>Course Subject/Number</u>	<u>Grade / Planned Term</u>
<input type="checkbox"/> MATH/STAT COURSE:	_____	_____

4. BIOLOGY CORE COURSES:

BIOL 3000, 3010, and 3020 are all required for Biology majors. These courses must be taken at UVA. Generally, transfer credit for these courses is not accepted.

	<u>Grade / Planned Term</u>	<u>Credit</u>
<input type="checkbox"/> BIOL 3000	_____	<u>3</u>
<input type="checkbox"/> BIOL 3010	_____	<u>4</u>
<input type="checkbox"/> BIOL 3020	_____	<u>3</u>

5. BIOLOGY LABORATORY COURSES:

Students must complete 3 credits of laboratory coursework at or above the 3000 level. This 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.

	<u>Course</u>	<u>Grade / Planned Term</u>	<u>Credit</u>
<input type="checkbox"/> BIOL 3000/4000 Lab	_____		

OR

<input type="checkbox"/> BIOL 4910-4920	_____
<input type="checkbox"/> BIOL 4910-4920	_____

6. UPPER LEVEL BIOLOGY ELECTIVES:

Only courses at or above the 3000-level 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)]. No more than 6 credits of independent research and/or study 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.)

	<u>Course</u>	<u>Grade / Planned Term</u>	<u>Credit</u>
<input type="checkbox"/> BIOL 3000-level+	_____		
<input type="checkbox"/> BIOL 3000-level+	_____		
<input type="checkbox"/> BIOL 3000-level+	_____		
<input type="checkbox"/> BIOL 3000-level+	_____		