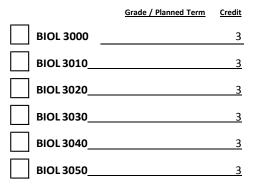
## MAJOR DECLARATION REQUIREMENTS:

In order to declare a BS in Biology, students must first complete BIOL 3000, 3010 and 3020, and have a cumulative 2.700 GPA in these three courses. This is an overall GPA requirement for these three courses, not an individual course grade requirement.

## 4. BIOLOGY CORE COURSES:

BIOL 3000, 3010, 3020, 3030, 3040 and 3050 are all required for the Biology BS. These courses must be taken at UVA. Generally, transfer credit for these courses is not accepted.



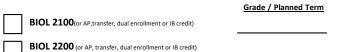
MAJOR GPA and OVERALL CREDITS: Students are required to complete 6 core courses, at least 6 credits of lab work, and at least 9 credits of 4000---level elective courses(outlined here in 4---6). The coursework presented for the BS degree must have an average GPA of at least 2.000.

## **1. INTRODUCTORY BIOLOGY:**

2. CHEMISTRY:

PHYSICS COURSE (3 cr.):

BIOL 2100 & 2200 (or AP, transfer, or dual enrollment credit) are required.



The chemistry requirement must be satisfied by completing CHEM 1410, 1420, 1411 and 1421 (or CHEM 1810--- 1821 or CHEM 1610---1621) and two

## 5. BIOLOGY LABORATORY COURSES:

Students must complete at least 6 credits of laboratory work at/above the 3000---level. The lab requirement can be satisfied by any combination of: i) a 3--- or 4--- credit departmental laboratory course, ii) any 3000--- level or higher field course at Mountain Lake Biological Station, iii) two semesters of independent research (BIOL 4910/4920), conducted in the same laboratory. A maximum of 4 credits of Independent Research may be applied toward the laboratory requirement..

semesters of organic chemistry (CHEM 2410 and 2420). Students with AP chemistry credit must still complete the laboratory courses. The entire B.S. chemistry requirement may be fulfilled by completing the chemistry majors' sequence (CHEM 1810, 1820, 2810, 2820), along with at least 2 semesters of the associated labs.		BIOL Lab	<u>Course</u>	Grade / Planned Term	<u>Credit</u>
	Grade / Planned Term	2x IND RES			
CHEM 1410 (or CHEM 1810/1610)					
CHEM 1420 (or CHEM 1820/1620)					
СНЕМ 2410					
СНЕМ 2420		<b>6.4000LEVEL COURSES:</b> Students must complete at least 9 credits of 4000level or above (lecture			
LABORATORY REQUIREMENT		or lab) elective courses (min. 3 credits each). Independent Research, DMP Seminar, and courses from the Department of Environmental			
CHEM 1411 (or CHEM 1811/1611)		Sciences may be applied to this requirement, subject to stipulations listed on the Biology website.			
<b>CHEM 1421</b> (or CHEM 1821/1621)					
3. MATH and PHYSICS:		BIOL 4000level		urse Grade / Planned Term	<u>Credit</u>
Students are required to complete biostatistics (STAT 2020) or intro to statistics (STAT 2120) and one course in calculus (MATH 1190, 1210, 1220, 1310 or 1320), as well as three credits of Physics (PHYS 1425, 1610, 2010). Calculus requirement may be satisfied by AP, transfer, or dual enrollment credit.		BIOL 4000level-	+		
		BIOL 4000level-	+		
	rade / Planned Term				
STAT 2020 or STAT 2120					
Calculus :					