## 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.

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 5---7). The coursework presented for the BS degree must have an average GPA of at least 2.000.

## 1. INTRODUCTORY BIOLOGY:

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


Grade / Planned Term
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## 2. CHEMISTRY:

The chemistry requirement must be satisfied by completing CHEM 1410, 1420,1411 and 1421 (or CHEM 1810, 1811, 1420) and two semesters of organic chemistry (CHEM 2410, 2420) with labs (CHEM 2311+2321 -or$2411+2421$ ). Students with AP chemistry credit must still complete the laboratory courses. Completion of the accelerated chemistry course series CHEM 1810, 1811, 1820, 1821, 2810, and 2820 (or 1420) satisfies all introductory and organic chemistry lecture and laboratory requirements.

Grade / Planned Term

## CHEM 1410

CHEM 1420
CHEM 2410
CHEM 2420

LABORATORYREQUIREMENTS
CHEM 1411
CHEM 1421

CHEM 2311 or 2411

CHEM 2321 or 2421
$\qquad$
$\qquad$
$\qquad$ of: i) a 3---or4---credit departmental laboratory course, ii) any3000---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.


### 7.4000---LEVELCOURSES:

Students must complete at least 9 credits of 4000---level or above (lecture or lab) elective courses (min. 3 credits each). Independent Research, DMP Seminar, and courses from the Department of Environmental Sciences may be applied to this requirement, subject to stipulations listed on the Biology website.

## 3. MATH and STATISTICS:

Students are required to complete biostatistics (STAT 2020) or intro to statistics (STAT 2120), a course in calculus (MATH 1190, 1210, or 1310), and a second semester of calculus or statistics from the following list (MATH 1220 or 1320 or STAT 1601 or 1602 or 3220). Calculus requirement may be satisfied by AP, transfer, or dual enrollment credit.

## 4. INTRODUCTORY PHYSICS:

This requirement may be satisfied with any of the following three combinations of two semesters of intro physics and their two associated 'workshops' (labs): (PHYS 2010, 2020, 2030, 2040) or (PHYS 1420, 1429, 2410, 2419) or (PHYS 1425, 1429, 2415, 2419).


## 5. 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

Grade / Planned Term Credit

| BIOL 3000 | 3 |
| :---: | :---: |
| BIOL 3010 | 3 |
| BIOL 3020 |  |
| BIOL 3030 | 3 |
| BIOL 3040 | 3 |
| BIOL 3050 | 3 |

## 6. 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

Course Subject/Number Grade / Planned Term
STAT 2020 or STAT 2120
MATH 1190 or 1210 or 1310 :
MATH 1220 or 1320 or
STAT 1601 or 1602 or 3220 : $\qquad$

| $\square$ | Course | Grade / Planned Term | Credit |
| :--- | :--- | :--- | :--- |
| $\square$ | BIOL 4000---level + |  |  |
| $\square$ |  |  |  |
| $\square$ | BIOL 4000---level + |  |  |

