

## Biology A.B. Pre-Planning Worksheet (14 courses)

### Part A: 4 Background Courses

Course	Semester	Substitution/ Equivalency
MATH 0090		
STATS/MATH 0100		
CHEM 0330		
CHEM 0350		No substitutions

### Part B: 10 Core Courses

Must include 1 course in each area, 3 labs, and 2 1000 level courses

Course	Semester	Fulfills
BIOL 0200		__Lab OR __AP/IB Credit OR ___Biology Placement Test
		__Lab __1000 level __Area 1 __Area 2__Area 3
		__Lab __1000 level __Area 1 __Area 2 ___Area 3
		__Lab __1000 level __Area 1 __Area 2__Area 3
		__Lab __1000 level __Area 1 __Area 2__Area 3
		__Lab __1000 level __Area 1 __Area 2__Area 3
		__Lab __1000 level __Area 1 __Area 2 ___Area 3
		__Lab __1000 level __Area 1 __Area 2__Area 3
		__Lab __1000 level __Area 1 __Area 2__Area 3
Capstone		__Lab OR __1000 level

## Biology A.B. Worksheet Instructions

### Part A: Background Courses

Course	Approved Substitutions
MATH 0090	AP/IB Placement or MATH 0050 & 0060 Combined (Successful completion of MATH 0100 confers retroactive placement)
STATS/MATH 0100	Approved STATS course or AB/IB Placement for MATH 0100
CHEM 0330	IB - HL (Chemistry) score of 6 or 7
CHEM 0350	No substitutions

### Part B: Core Courses

These are selected from within BIOL / NEUR course offerings. Chosen courses must meet the following 6 requirements:

- BIOL 0200:** This requirement may be satisfied by either AB/IB credit OR a passing score on the Biology placement exam. BIOL 0200 confers lab credit. The other options do not.
- Three laboratory/fieldwork courses:** Must be BIOL/NEUR or CLPS 1195
- Two BIOL/NEUR courses above the 1000 level**
- One course from each of three Areas**
  - Area 1: BIOL 0280, 0470, 0500, 0510, 0530, 1050, 1310, 1515, 1810, 1820, 1865, NEUR 1020
  - Area 2: BIOL 0410, 0440, 0800, 1120, 1155, 1310, 1330, 1505, 1820, 1865, 1885, NEUR 0010
  - Area 3: BIOL 0210, 0380, 0410, 0420, 0430, 0450, 0480, 1515, 1880, ENVS 0490, ENVS/EEPS 1300, ENVS 1775
- Please note: A course may satisfy more than one of these requirements simultaneously. For example, a single course may satisfy a lab and an area requirement if it qualifies for each. The only time a course may not satisfy more than one requirement is in the case of BIOL 1950 and BIOL 1960 which can be counted as either ONE lab or ONE 1000+ course.
- Capstone:** This requirement may be satisfied **during the senior year** through either one semester of research via BIOL 1950/1960 OR by completing one of the following Capstone courses: BIOL 1100, 1140, 1150, 1250, 1330, 1515, 1525, 1555, 1565, 1575, 1600, 1820, 1970.  
The following rules apply:
  - A maximum of 2 research credits can be used in the core.
  - A single semester of research also satisfies either one lab course or one 1000+ level course.
  - Senior Capstone courses also satisfy either one lab course or one 1000+ level course.

*\*Some courses might be inactive during the current academic year. Please refer to [Courses@Brown](#) and [BUE Course Offerings](#) for further references.*

Links to current course listings:

- [Approved Lab Courses](#)
- [Area Courses](#)
- [Related Sciences](#)
- [Approved Capstone Courses](#)

*For additional questions or considerations, please consult with your Concentration Advisor or Associate Dean of Biology Education, Toni-Marie Achilli.*