

Health and Human Biology AB Pre-Planning Worksheet (14 Requirements)

Part A: Required Background Courses (4)

Course	Semester	Substitution/ Equivalent
MATH 0090		
CHEM 0330		
BIOL 0200		__ AP/ IB Credit __ Biology Placement Test
STATS or Methods Course		

Part B: Core Biology Courses (5)

Requirement	Semester	Course(s)
Genetics		
Structure/ Function		
Organismal/ Population		
Elective 1		
Elective 2		

Part C: Theme Courses (4)

Theme Title: _____

Course	Semester

Health and Human Biology A.B. Worksheet Instructions

Part D: Senior Capstone

Course	Semester

Part A: Required Background Courses (4)

Course	Substitution/ Equivalent
MATH 0090	Placement, MATH 0050/0060, MATH 0100, or MATH 0170
CHEM 0330	No Substitutions
BIOL 0200	AP/ IB Credit or Biology Placement Test may substitute
STATS or Methods Course	BIOL 0495, BIOL 0946, APMA 0650, APMA 1650, CLPS 0900, EDUC 1100, PHP 1510, SOC 1100, other (with approval)

Part B: Core Biology Courses (5)

Selections from BIOL/ NEUR must include

- **Genetics:** Satisfied by BIOL 470 (Genetics) or a combination of BIOL 480 (Evolutionary Biology) plus one of the following: BIOL 280 (Biochemistry), BIOL 0500 (Cell & Molecular Biology), or BIOL 510 (Microbiology)
- **Structure/ Function:** Choose one course from the list.
- **Organismal/ Population Biology:** Choose one course from the list. If BIOL 480 is used to satisfy the Genetics requirement, it simultaneously satisfies this requirement, as well.
- **2 Elective Courses: One must be 1000+ level.**

A maximum of one study abroad credit can be applied to the Biology core

Part C: Theme Courses (4)

Students select 4 cohesively grouped Non BIOL/ NEUR courses for approval. A written statement of rationale supporting the grouping is required in the formal declaration. Selected courses must relate to one of the following themes:

1. Mind, Brain, Behavior
2. Planetary Health
3. Global Health
4. The Social Determinants of Health

The following restrictions apply to theme course selections:

- One must be an advanced course
- A maximum of two courses from a single department is allowed
- No more than one First Year or Sophomore Seminar course may be used
- A maximum of one study abroad credit can be applied to the theme

Part D: Senior Capstone

The Capstone must be conducted during the senior year as one of the following:

- An approved Capstone Course/ Seminar
- A semester of research for credit (BIOL 1950/ 1960)
- An appropriate internship

In the formal declaration, designate the intended capstone by entering either the course code of an approved seminar or by entering BIOL 1950 (Fall research) or BIOL 1960 (Spring research). **Note that research credit (1950 and 1960) can be applied only to the Capstone requirement.** If the opportunity for an internship arises, you and your advisor should discuss details at that time. BUE advisors are available for guidance.

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