

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

Part A: Required Background Courses (4)

Course	Semester	Tag
MATH 0090		Pre-Req
CHEM 0330		Pre-Req
BIOL 0200 <i>(If satisfied through placement test, do not include in declaration)</i>		Pre-Req
Statistics or Methods Course		Stats/methods

Part B: Core Biology Courses (5)

Requirement/ Tag	Course	Semester	Tag
Genetics**			Genetics
Structure / Function			Structure Function Bio
Organismal / Population			Organismal Pop Bio
Bio Elective			Bio Elective
Advanced Bio Elective			Advanced Bio Elective

If using BIOL 480 (Evolutionary Biology) plus one of the following: BIOL 280 (Biochemistry), BIOL 0500 (Cell & Molecular Biology), or BIOL 510 (Microbiology), please tag BIOL 280, 0500, 0510 as genetics and BIOL 0480 as Genetics & Org Pop Bio*

Part C: Theme Courses (4): Theme courses are approved as a group and cannot be approved individually. Theme courses must be from outside BIOL/NEUR, and no more than 2 theme courses can come from the same department.

Theme Title: _____

Course	Semester	Tag
		Theme

Part D: Senior Capstone: Must be completed in semester 07 or 08.

Course	Semester	Tag
		Capstone

Useful ASK tips:

- When adding AP courses in ASK, please use the **Academic History** instead of manual addition to avoid the red warning.
- Please do not add BIOL 0200 if the equivalency is through a **placement test**.
- When adding CHEM courses, only add the course and not the corresponding lab (i.e. Only add CHEM 0330 and not CHEM 0330L).
- Declarations must include 14 courses to be approved. There are only two exceptions:
 - If you are using MATH 0050/0060 as a substitute for MATH 0090, this will result in 15 courses.
 - If you are not listing BIOL 0200 because of a placement test, this will result in 13 courses.
- Please update your declaration each semester at the end of the shopping period.

Health and Human Biology A.B. Worksheet Instructions

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, CPSY 0900, EDUC 1100, PHP 1501, PHP 1510, SOC 1100, others (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