

# BIOLOGY AND BIOTECHNOLOGY MAJOR

## Program Tracking Sheet

Effective for students entering AY 2024-2025

Name:	Class Year:
Advisor:	2 <sup>nd</sup> Major:

**NOTES:** Minimum total academic credit = 15 units

Residency Req.: Min. of 8 units must be completed at WPI

### HUMANITIES AND ARTS (6/3 unit)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum.

#### Depth Component

Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one of the three courses should be at the 2000-level or above.

	Course	Term	Grade	Units
1				1/3
2				1/3
3				1/3
4	HU 3900 or HU 3910			1/3

#### Breadth Component

Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.

- i. art/art history, drama/theatre, and music (AR, EN/TH, MU);
- ii. foreign languages (AB, CN, EN, GN, SP);
- iii. literature and writing rhetoric (EN, WR, RH);
- iv. history and international studies (HI, HU, INTL);
- v. philosophy and religion (PY, RE).

Exception: May take all six courses in a foreign language

5				1/3
<b>Humanities Elective</b>				
6				1/3

### WELLNESS AND PHYSICAL EDUCATION (4 WPE classes = 1/3 unit)

7				1/12
				1/12
				1/12
				1/12

### SOCIAL SCIENCE (2/3 unit) ECON, ENV, GOV, PSY, SD, SOC, SS, STS, DEV and ID2050

8				1/3
9				1/3

### THE INTERACTIVE QUALIFYING PROJECT (1 unit)

10				1/3
11				1/3
12				1/3

### FREE ELECTIVES (1 unit)

13				1/3
14				1/3
15				1/3

### QUANTITATIVE REASONING (5/3 units)

Courses with prefix: MA, PH, CS, DS, BCB, Engineering Courses, BB 3010, and BB 4001 may count toward this requirement. Must include 1/3 unit of statistics, or a course with the prefix BCB, CS, or DS.

16				1/3
17				1/3
18				1/3
19				1/3
20				1/3

### CHEMISTRY (5/3 unit) Course with prefix: CH

21			1/3
22			1/3
23			1/3
24			1/3
25			1/3

### BIOLOGY AND BIOTECHNOLOGY (10/3 unit)

BB 1001, 1002, 1004, and BB/BCB 1003 may not count. Laboratory courses (BB x8xx) cannot be used in this category. Only one offering of BB 4900 may be used.

26	BB 11		1/3
27	BB 11		1/3
28	BB 2		1/3
29	BB 2		1/3
30	BB 2		1/3
31	BB 2		1/3
32	BB 3/4		1/3
33	BB 3/4		1/3
34	BB 3/4		1/3
35	BB 4900		1/3

### LABORATORY EXPERIENCE (4/3 unit)

Labs are worth either 1/6 or 1/3 unit. A 1/3 unit lab fulfills the requirement for two 1/6 unit labs.

36	BB 18		1/3
37	BB 28		1/6
	BB 28		1/6
38	BB 38		1/6
	BB 38		1/6
39	BB 28	/38	1/6
	BB 28	/38	1/6

### RELATED COURSES (3/3 unit) Any BB 3000/4000 level

(including labs and ISPs, but excluding BB 4900); BCB 4004; CE 3059; CHE 3301; CH 2330; CH 3510; CH 4110; CH 4120; CH 4130; CH 4140; CH 4160

40			1/3
41			1/3
42			1/3

### MAJOR QUALIFYING PROJECT (1 unit)

43			1/3
44			1/3
45			1/3