

BIOLOGY AND BIOTECHNOLOGY MAJOR

Program Tracking Sheet

Effective for students entering AY 2023-2024

Name:	Class Year:
Advisor:	2 nd 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
Humanities Elective				
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

MATHEMATICAL SCIENCES, PHYSICS, COMPUTER SCIENCE, ENGINEERING (5/3 units)

Courses with prefix: MA, PH, CS, and Engineering Science Courses
BB 3010 and BB 4801 may count toward this requirement

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)

At least 2/3 unit of Biology and Biotechnology coursework must be taken from each of three major divisions of biology (see Undergraduate Course Catalog, under Program Distribution Requirements for the BBT Major). The 2/3 unit for each division may include courses from any level (1000 – 4000). BB 1000, 1001, 1002 and BB/BCB 1003 may not count.

26	BB 10__			1/3
27	BB 10__			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

Breadth Requirement (can double count with the BB courses above)

	Cell & Mol			1/3
	Cell & Mol			1/3
	Organismal			1/3
	Organismal			1/3
	Environmental			1/3
	Environmental			1/3

LABORATORY EXPERIENCE (4/3 unit)

Chosen from among the BB 2000 and 3000 level labs and the Experimental Biochemistry labs, CH 4150 (counts as a 3000 level lab). Must include at least 1/2 unit of work at the 2000 level. Labs are worth either 1/6 or 1/3 unit.

36	BB 29__			
	BB 29__			
37	BB 29__			
			Total BB 2900 lab credits (≥ 1/2 unit)	
38	BB 35__			
	BB 35__			
39	BB 35__			
			Total BB 3500 lab credits	
			Total lab credits (≥ 4/3 unit)	

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

BCB: BCB 4002, BCB 4003, BCB 4004

CE/CHE: CE3059, CHE 3301

CH: 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