

BIOLOGY AND BIOTECHNOLOGY MAJOR
Program Tracking Sheet Based on AY 2018-19 Degree Requirements and Course Offerings

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 REQUIREMENT (2 units)
 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

PHYSICAL EDUCATION (4 PE 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 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
 BB 3040, 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 units)

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, 100X and 210X 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 and CH 4170. Must include at least ½ unit of work at the 2000 level, but no more than 4/6 unit. Labs are worth either 1/6 or 1/3 unit. Only *one* Experimental Biochemistry lab may be used (either 4150 or 4170). You may not count both CH 4150 and any of BB 3516 or 3159. Likewise, you may not count both CH 4170 and any of BB 3512, 3518.

36	BB 290__			1/6
	BB 290__			1/6
37	BB 290__			1/6
				1/6
38				1/6
				1/6
39				1/6
				1/6

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