

**CHEMISTRY 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 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
<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

Courses with prefix: MA, PH

Must include differential and integral calculus and at least 2/3 units of physics

16				1/3
17				1/3
18				1/3
19				1/3
20				1/3
21	PH			1/3
22	PH			1/3

**CHEMISTRY REQUIREMENT (12/3)\***

Courses with prefix: CH

All at 2000 or higher level.

**EXPERIMENTAL CHEMISTRY (3/3 unit).**

Students cannot receive credit for both CH2630 and CH2660.

23				1/3
24				1/3
25				1/3

**INORGANIC CHEMISTRY (1/3 unit)**

26	CH 3410/4420			1/3
----	--------------	--	--	-----

**ORGANIC CHEMISTRY (3/3 unit)**

27				1/3
28				1/3
29				1/3

**PHYSICAL CHEMISTRY (3/3 unit)**

30	CH 3510			1/3
31	CH 3530			1/3
32	CH 3550			1/3

**BIOCHEMISTRY (1/3 unit)**

33				1/3
----	--	--	--	-----

**EXPERIMENTAL CHEMISTRY OR BIOCHEMISTRY (1/3 unit)**

34				1/3
----	--	--	--	-----

**ADDITIONAL SCIENCE/ENGINEERING (11/3 unit)\***

Distributed among the MQP, the natural and physical sciences, computer science, mathematics and engineering. Can include general chemistry (CH1010-1040)

35				1/3
36				1/3
37				1/3
38				1/3
39				1/3
40				1/3
41				1/3
42				1/3

**MAJOR QUALIFYING PROJECT (3/3 unit)**

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

\* 2/3 of unit of CH must be at the 4000 level or above.

**MATHEMATICS AND PHYSICS REQUIREMENT (7/3 unit)**