

CHEMISTRY MAJOR
Program Tracking Sheet
 Effective for students entering AY 2021-2022

| | |
|----------|------------------------|
| 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 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, 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)