

BIOCHEMISTRY MAJOR
Program Tracking Sheet
 Effective for students entering AY 2026-2027

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|----------|------------------------|
| 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 (6/3 unit)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum. The Humanities and Arts Department will accept a maximum of 1/3 unit of AP credit towards the Humanities and Arts requirement.

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, TH, MU);
- ii. modern languages (AB, CN, ISE, GN, SP);
- iii. literature and writing rhetoric (EN, WR);
- iv. history, humanities, and international and global studies (HI, HU, INTL);
- v. philosophy and religion (PY, RE).

Exception: May take all six courses in a modern 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 |

MATHEMATICS AND PHYSICS (2 units)

The mathematics in MA 1021 – MA 1024 or the equivalent is recommended. The physics in PH 1110 – PH 1120 or equivalent is recommended.

| | | | | |
|----|--|--|--|-----|
| 16 | | | | 1/3 |
| 17 | | | | 1/3 |
| 18 | | | | 1/3 |
| 19 | | | | 1/3 |
| 20 | | | | 1/3 |
| 21 | | | | 1/3 |

CHEMISTRY AND BIOCHEMISTRY (13/3 unit)

Must include one unit of organic, 4/3 units of biochemistry, and 1/3 unit each of physical (3000 level or higher) and inorganic chemistry (3000 level or higher).

| | | | | |
|----|-------------|--|--|-----|
| 22 | CH23 | | | 1/3 |
| 23 | CH23 | | | 1/3 |
| 24 | CH23 | | | 1/3 |
| 25 | CH35 | | | 1/3 |
| 26 | CH3410/4420 | | | 1/3 |
| 27 | CH41 | | | 1/3 |
| 28 | CH41 | | | 1/3 |
| 29 | CH41 | | | 1/3 |
| 30 | CH41 | | | 1/3 |
| 31 | | | | 1/3 |
| 32 | | | | 1/3 |
| 33 | | | | 1/3 |
| 34 | | | | 1/3 |

BIOLOGY (4/3 unit)

Must include 1/3 unit of cell biology, 1/3 unit of genetics, and 1/3 unit of advanced work (3000 level or higher)

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|----|--|--|--|-----|
| 35 | | | | 1/3 |
| 36 | | | | 1/3 |
| 37 | | | | 1/3 |
| 38 | | | | 1/3 |

CHEMISTRY AND BIOCHEMISTRY/BIOLOGY LABORATORY (1 unit)

This unit must include a minimum of 2/3 unit of Chemistry and Biochemistry labs, of which 1/3 unit must be either CH 4150 or CH 4170. The remaining 1/3 unit may come from BB or CBC labs. However, counting both CH 4170 and BB 3827 is not allowed.

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|--------|--------------------|--|--|-------|
| 39 | CH 4150 or CH 4170 | | | 1/3 |
| 40 | CH | | | 1/3 |
| 41 | CH/BB | | | |
| (41.5) | BB | | | (1/6) |

OTHER NATURAL OR COMPUTER SCIENCE (1/3 unit)

Any course in the natural sciences (not used to satisfy another requirement) or in computer science may be used to satisfy this requirement.

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| 42 | | | | 1/3 |
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MAJOR QUALIFYING PROJECT (1 unit)

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|----|--|--|--|-----|
| 43 | | | | 1/3 |
| 44 | | | | 1/3 |
| 45 | | | | 1/3 |



WPI

Office of Academic Advising

4-year Plan Template

| | |
|-------------|--------------------|
| Name: | Class Year: |
| Advisor(s): | Major(s)/Minor(s): |

| Year 1 | | | | | |
|---------------------|--------|--------|--------|--------|-------------------|
| | A-term | B-term | C-term | D-term | E-term (optional) |
| Course 1 | | | | | |
| Course 2 | | | | | |
| Course 3 | | | | | |
| Course 4 (optional) | | | | | |

| Notes: |
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| Year 2 | | | | | |
|---------------------|--------|--------|--------|--------|-------------------|
| | A-term | B-term | C-term | D-term | E-term (optional) |
| Course 1 | | | | | |
| Course 2 | | | | | |
| Course 3 | | | | | |
| Course 4 (optional) | | | | | |

| Notes: |
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| Year 3 | | | | | |
|---------------------|--------|--------|--------|--------|-------------------|
| | A-term | B-term | C-term | D-term | E-term (optional) |
| Course 1 | | | | | |
| Course 2 | | | | | |
| Course 3 | | | | | |
| Course 4 (optional) | | | | | |

| Notes: |
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| Year 4 | | | | | |
|---------------------|--------|--------|--------|--------|-------------------|
| | A-term | B-term | C-term | D-term | E-term (optional) |
| Course 1 | | | | | |
| Course 2 | | | | | |
| Course 3 | | | | | |
| Course 4 (optional) | | | | | |

| Notes: |
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