

Biochemistry Major

Distribution Requirements

MA/PH (6/3)

CH (12/3 Total)

Organic (3/3)

Biochem (4/3)

Phys Chem (1/3)

Inorg Chem (1/3)

Additional (4/3)

Biology (5/3 Total)

Cell Bio

Genetics

3000, 4000 (1/3)

Additional (1/3)

Laboratory (3/3 Total)

Biochem (1/3 min)

CH (1/3 min)

Final (1/3)

OR

1/3 CH

1/6 BB

1/6 BB

Other Natural Comp. Sci.

BB/CH/PH/CS (1/3)

SS (2/3 U) (1/3 U ID 2050 can count here)

PE (4/12 U)

1/12

1/12

1/12

1/12

HU (2 U)

Area of Focus

2000 Level

Inquiry Seminar
or Practicum

HU Electives

OR Six Language Courses

IQP (3/3 U)

MQP (3/3 U)

Electives, ISP's, or Excess Project Registration (To Make 15 Units Minimum)

BIOCHEMISTRY

Program Distribution Requirements for the Biochemistry Major

In addition to the WPI requirements applicable to all students (see page 7), students wishing to graduate with a degree in biochemistry must meet the distribution requirements detailed below.

REQUIREMENTS	MINIMUM UNITS
1. Mathematics and Physics (Note 1).	2
2. Chemistry and Biochemistry (Note 2).	4 1/3
3. Biology (Note 3).	1 1/3
4. Chemistry and Biochemistry/ Biology Laboratory (Note 4).	1
5. Other Natural or Computer Science (Note 5).	1/3
6. MQP	1

NOTES:

- The mathematics in MA 1021-MA 1024 or the equivalent is recommended. The physics in PH 1110-PH 1120 or equivalent is recommended.
- These 4 1/3 units must include one unit of organic, 1 1/3 units of biochemistry, and 1/3 unit each of physical (3000 level or higher) and inorganic chemistry (3000 level or higher).
- These 1 1/3 units must include 1/3 unit of cell biology, 1/3 unit of genetics, and 1/3 unit of advanced work (3000 level or higher).
- This unit must include a minimum of 2/3 units 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 4150 and any of BB 3518, BB 3519, or BB 3516 is not allowed. Likewise, counting both CH 4170 and any of BB 3512, BB 3518, or BB 3520 is not allowed.
- Any course in the natural sciences (not used to satisfy another requirement) or in computer science may be used to satisfy this requirement.

Recommended Biochemistry Program

Year	Term A	Term B	Term C	Term D
First	CH 1010 BB 2550 MA	CH 1020 HU MA	CH 1030 BB 2920 MA	CH 1040 HU MA
Second	CH 3510 CH 2640 HU	CH 2310 SS HU	CH 2320 HU PH	CH 2330 HU PH
Third	CH 4110 BB Lab SS	CH 4120 CH 4150 IQP	CH 4130 CH 3410 IQP	CH 4170 Elective IQP
Fourth	Elective MQP Elective	Elective MQP Elective	CH 4160 MQP Elective	CH 4190 MQP Elective