MB&B Majors Cheat Sheet for 2024-2025

See the MB&B website for details on major requirements: https://www.wesleyan.edu/mbb/major/about.html

**MB&B 181 & 191; MB&B 182 & 192**  All of you have completed these courses ✓

**MB&B 208 Molecular Biology**  If you haven’t taken MB&B 208 yet, you should enroll next year. We’re offering one section in each semester:

- **Fall 2024**  MB&B 208  M.W.F.  9:50AM-10:40AM
- **Spring 2025**  MB&B 208  M.W.F.  9:50AM-10:40AM

**Electives**  Two electives are required; at least one needs to be a 300-level course. There are several options for electives next year:

- **Fall 2024**
  - MB&B 231 Microbiology  MW 2:50PM – 4:10PM
  - MB&B 311 Genomics Analysis  TTh 10:20AM-11:40AM
  - MB&B 321 Biomedicinal Chemistry  TTh 10:20AM – 11:40AM
  - MB&B 336 Metals, Metalloenzymes, and Disease  MW 9:20AM – 10:40AM
  - Plus an upper level elective taught by MB&B’s new faculty member!

- **Spring 2025**
  - MB&B 210 Genomics: Modern Genetics, Bioinformatics, and the Human Genome Project  TTH 10:20AM – 11:30AM
  - MB&B 223 The Molecular Basis of Cancer  TTh 10:20AM – 11:40AM
  - MB&B 232 Immunology  MW  2:50PM-04:10PM
  - MB&B 306 Epigenetics  TTh  8:50AM – 10:10AM
  - MB&B 325 Introduction to Biomolecular Structure  TTh  1:20PM-02:40PM

**Biochemistry**  MB&B majors must take MB&B 383. Two semesters of general chemistry, two semesters of organic chemistry, and MB&B 208 are prerequisites for MB&B 383.

- **Spring 2025**  MB&B 383 Biochemistry  MWF 10:50AM-11:40AM

**Advanced Lab Course**  All MB&B majors must take one advanced lab course. If you take both, one can count as a 300-level elective.

- **Fall 2024**  MB&B 395 Structural Biology Laboratory  M 1:20PM-05:20PM
- **Spring 2025**  MB&B 394 Advanced Lab in Molecular Biology and Genetics  T 1:20PM-04:10PM & Th 1:20PM-03:40PM

**Physics and Math Requirements**  All MB&B majors must take one math course (usually calculus or statistics). All majors must take two semesters of physics or complete the physical chemistry course (if you do both, you may count MB&B 381 as an elective).

- **Spring 2025**  MB&B 381 Physical Chemistry for the Life Sciences  TTh 10:20AM-11:40AM