MB&B Majors Cheat Sheet for 2023-2024

September 2023

See the MB&B website for details on major requirements: [https://www.wesleyan.edu/mbb/major/about.html](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 fall. We’re offering two sections:

- MB&B 208 MWF 9:50AM-10:40AM
- MB&B 208 MWF 10:50AM-11:40AM

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

**Fall 2023**
- MB&B 223 The Molecular Basis of Cancer TTh 10:20AM-11:40AM
- MB&B 306 Epigenetics TTh 8:50AM-10:10AM
- MB&B 311 Genomics Analysis TTh 10:20AM-11:40AM

**Spring 2024**
- MB&B 207 Introduction to Biophysics MWF 9:50AM-10:40AM
- MB&B 210 Genomics: Modern Genetics & Bioinformatics MW 10:50AM-12:10PM
- MB&B 212 Principles and Mechanisms of Cell Biology MWF 10:50AM-11:40AM
- MB&B 232 Immunology MW 02:50PM-04:10PM
- MB&B 325 Introduction to Biomolecular Structure TTh 01:20PM-02:40PM
- MB&B 333 Gene Regulation MW 02:50PM-04:10PM

**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.

**Fall 2023**
- MB&B 383 Biochemistry MWF 10:50AM-11:40AM

**Spring 2024**
- 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. There will be two sections of MB&B 395 in the fall, and one section of MB&B 394 in the spring.

**Fall 2023**
- MB&B 395 Structural Biology Laboratory M 1:20PM-05:20PM
- MB&B 395 Structural Biology Laboratory T 1:20PM-05:20PM

**Spring 2024**
- MB&B 394 Advanced Lab in Molecular Biology and Genetics T 1:20PM-05:10PM; Th 1:20PM-02:40PM

**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 2024**
- MB&B 381 Physical Chemistry for the Life Sciences TTh 10:20AM-11:40AM