

MB&B Majors Cheat Sheet for 2024-2025

April 2024

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 Biomedical 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
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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
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Spring 2025

MB&B 394 Advanced Lab in Molecular Biology and Genetics	T 1:20PM-04:10PM & Th 1:20PM-03:40PM
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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
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