

BIOCHEMISTRY AND MOLECULAR BIOLOGY, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

Requirement	Credits
Requirements for the Minor	33-35

Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10>).

In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better</i>		
BMB 251	Molecular and Cell Biology I	3
BMB 252	Molecular and Cell Biology II	3
BMB 400	Molecular Biology of the Gene	2-3
BMB 401	General Biochemistry	3
BMB 402	General Biochemistry	3
BMB 442	Laboratory in Proteins, Nucleic Acids, and Molecular Cloning	3
CHEM 110	Chemical Principles I	3
CHEM 112	Chemical Principles II	3
CHEM 210	Organic Chemistry I	3
CHEM 212	Organic Chemistry II	3
Additional Courses		
<i>Additional Courses: Require a grade of C or better</i>		
BIOL 222	Genetics	3
or BIOL 322	Genetic Analysis	
Supporting Courses and Related Areas		
<i>Supporting Courses and Related Areas: Require a grade of C or better</i>		
Select 0-3 credits of B M B courses at the 400-level		0-3

Note: BMB 408 and BMB 496 may not be used to fulfill requirements for the minor.