

BIOCHEMISTRY AND MOLECULAR BIOLOGY MAJOR, BACHELOR OF SCIENCE

Along with specific requirements for any major, all students in the Bachelor of Arts and Bachelor of Science degree programs must meet all general education (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/>) and graduation requirements (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/#text>) under a single catalog.

The Bachelor of Science with a major in Biochemistry and Molecular Biology requires a total of 54 credits including:

Code	Title	Credits
Required Department Core		14
BIOL 241	Organization of Life: Genetics and Cell Biology	
BMB 494	Biochemistry Molecular Biology Capstone	
CHEM 231	General Chemistry I	
CHEM 232	General Chemistry II	
Required Major Core		24
BIOL 326	Advanced Cellular and Molecular Biology	
CHEM 341	Organic Chemistry I	
CHEM 342	Organic Chemistry II	
CHEM 461	General Biochemistry	
MATH 235	Calculus I	
PHYS 221	General Physics I	
	or PHYS 231 Introductory Physics I	
Emphasis (choose one)		16
<i>Biochemistry Emphasis</i>		
CHEM 355	Introduction to Analytical Chemistry	
CHEM 462	Advanced Biochemistry	
CHEM 463	Biochemistry Analysis	
<i>Elective Courses (8 Credits)</i>		
One course must be a 300 or 400 level BIOL prefix, at least 1 course must have a lab, and the remaining elective credits need to be from 300 or 400 level CHEM prefix courses. No electives may be CATC courses.		
<i>Molecular Biology Emphasis</i>		
BHS 252	Introduction to Biological and Health Science Research	
BIOL 356	Genetics	
<i>Elective Courses (8 Credits)</i>		
One course must be a 300 or 400 level CHEM prefix, at least 1 course must have a lab, and the remaining elective credits need to be from 300 or 400 level BIOL prefix courses. No electives may be CATC courses.		
Total Credits		54