

BIOCHEMISTRY, BA

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education (<https://catalog.washburn.edu/undergraduate/programs-degrees-graduation-requirements/general-education-requirements/>), all requirements for a Bachelor of Arts (<https://catalog.washburn.edu/undergraduate/college-arts-sciences/degrees/bachelor-arts/>) degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Code	Title	Hours
Required Courses Inside Department ¹		
CH 151	Fundamentals of Chemistry I	5
CH 152	Fundamentals of Chemistry II	5
CH 340	Organic Chemistry I	3
CH 341	Organic Chemistry II	3
CH 342	Organic Chemistry Lab I	2
CH 343	Organic Chemistry Lab II	2
CH 350	Biochemistry I	3
CH 351	Biochemistry Lab	2
CH 352	Biochemistry II	3
CH 353	Biochemistry Laboratory II	2
CH 390	Undergraduate Chemical Research	1-5
CH 391	Chemistry Seminar	1
Subtotal		32-36
Required Courses Outside Department		
BI 192	General Cellular Biology	5
BI 301	General Microbiology	4
BI 333	General Genetics	4
BI 354	Molecular Biology Laboratory	3
Select one of the following physics sequences:		10
PS 261 & PS 262	College Physics I and College Physics II	
PS 281 & PS 282	General Physics I and General Physics II	
Subtotal		26
Total Hours		58-62

¹ At least 32 credit hours in the department are required, including the following courses and their prerequisites.