

ADVANCED BIOCHEMISTRY OPTION

This option is offered within the following major(s):

- Chemistry - College of Science (<http://catalog.oregonstate.edu/college-departments/science/chemistry/chemistry-ba-bs-hba-hbs/>)

This track-one option leads to a degree approved by the American Chemical Society. It is designed for students continuing their chemistry education in graduate school or seeking careers directly in the chemistry workforce. It provides a rigorous chemistry foundation with extensive laboratory experience. The mix of advanced courses in the option is modified to emphasize biochemistry principles and laboratory techniques.

Option Code: 519

Code	Title	Credits
BB 490	BIOCHEMISTRY 1: STRUCTURE AND FUNCTION	3
BB 491	BIOCHEMISTRY 2: METABOLISM	3
BB 492	BIOCHEMISTRY 3: GENETIC BIOCHEMISTRY	3
BB 493	BIOCHEMISTRY LABORATORY MOLECULAR TECHNIQUES 1	3
BB 494	BIOCHEMISTRY LABORATORY MOLECULAR TECHNIQUES 2	3
CH 411	INORGANIC CHEMISTRY	3
or CH 412	INORGANIC CHEMISTRY	
Select two courses from the following:		6
CH 461	EXPERIMENTAL CHEMISTRY II	
CH 462	*EXPERIMENTAL CHEMISTRY II	
CH 463	*EXPERIMENTAL CHEMISTRY II	
CH 464	*EXPERIMENTAL CHEMISTRY II	
Career-supportive electives (CSE) ¹		6
Total Credits		30

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Writing Intensive Course (WIC)

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Courses approved by the advisor by the end of the winter quarter of the junior year

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