

# BIOCHEMISTRY OPTION

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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/>)

The Biochemistry option is for students interested in working in biotechnology areas. Students can earn a BS degree in Chemistry in four years *while targeting a career direction in* biotechnology or preparing for graduate studies in chemistry. This option includes nine courses in biology, biochemistry including lab, and genetics and molecular biology.

The Biochemistry option is designed for the Track-Two BS degree in Chemistry.

## Option Code: 518

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
BB 314	CELL AND MOLECULAR BIOLOGY	4
BI 221 & BI 222 & BI 223	*PRINCIPLES OF BIOLOGY: CELLS and *PRINCIPLES OF BIOLOGY: ORGANISMS and *PRINCIPLES OF BIOLOGY: POPULATIONS	8-12
or BI 212 & BI 213	*PRINCIPLES OF BIOLOGY and *PRINCIPLES OF BIOLOGY	
BI 311	GENETICS	4
Total Credits		31-35

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Baccalaureate Core Course

## Option Code: 518