

FORENSIC SCIENCE 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/>)

The Forensic Science option is appropriate for students interested in working in a crime lab or pursuing a graduate degree in forensic science or chemistry. Students can earn a BS degree in Chemistry in four years and also take a combination of courses that enhance a chemistry major's background in biology, biochemistry, and related areas that can be important in forensic science.

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

Option Code: 505

The track-two core requirements are slightly modified for the Forensic Science option as follows:

Code	Title	Credits
Required for Core:		
<i>Replace CH 324 with:</i>		
CH 421	ANALYTICAL CHEMISTRY	
or CH 422	ANALYTICAL CHEMISTRY	
CH 461	EXPERIMENTAL CHEMISTRY II	
<i>Only one term of inorganic chemistry:</i>		
CH 411	INORGANIC CHEMISTRY	
or CH 412	INORGANIC CHEMISTRY	
Requirements		
BB 314	CELL AND MOLECULAR BIOLOGY	4
BB 450 & BB 451	GENERAL BIOCHEMISTRY and GENERAL BIOCHEMISTRY	6-7
or BB 490 & BB 491	BIOCHEMISTRY 1: STRUCTURE AND FUNCTION and BIOCHEMISTRY 2: METABOLISM	
BB 494	BIOCHEMISTRY LABORATORY MOLECULAR TECHNIQUES 2	3
BI 222 & BI 223	*PRINCIPLES OF BIOLOGY: ORGANISMS and *PRINCIPLES OF BIOLOGY: POPULATIONS	8
or BI 212 & BI 213	*PRINCIPLES OF BIOLOGY and *PRINCIPLES OF BIOLOGY	
TOX 411/TOX 511	FUNDAMENTALS OF TOXICOLOGY	3
Select three of the following:		7-12
BB 492	BIOCHEMISTRY 3: GENETIC BIOCHEMISTRY	
BI 311	GENETICS	
CH 401	RESEARCH	
CH 410	INTERNSHIP	
CH 424	BIOANALYTICAL CHEMISTRY	
CH 661	SEPARATIONS: CHROMATOGRAPHY AND RELATED METHODS	
CH 692	ENVIRONMENTAL TRANSFORMATION OF ORGANIC COMPOUNDS	
CH 697	MASS SPECTROMETRY OF ORGANIC COMPOUNDS	
MB 302	GENERAL MICROBIOLOGY	
MB 303	GENERAL MICROBIOLOGY LABORATORY	
ST 201	PRINCIPLES OF STATISTICS	
or ST 351	INTRODUCTION TO STATISTICAL METHODS	
TOX 490/TOX 590	ENVIRONMENTAL FORENSIC CHEMISTRY	

Total Credits

31-37

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Baccalaureate Core Course (BCC)

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