

# BIOLOGY WITH FORENSICS

LA ROCHE UNIVERSITY

## THE BIOLOGY WITH FORENSICS

**MAJOR** positions students for work in forensic laboratories, and for jobs in biology or chemistry. The major explores techniques used in today's forensics laboratories, including DNA fingerprinting and blood typing. This rigorous program prepares students for the following: careers as crime lab scientists, work on a criminal investigations teams, and graduate studies in biological sciences with forensics applications.



## CURRICULUM

### MAJOR COMPONENT

*55 credits*

General Biology I  
General Biology I Lab  
General Biology II  
General Biology II Lab  
Microbiology  
Microbiology Lab  
Genetics  
Genetics Lab  
Cell Biology  
Pathogenic Microbiology  
Populations Genetics  
Biochemistry I  
Biochemistry I Lab  
Biochemistry II  
Molecular Biology

Molecular Biology Lab  
Seminar in Biology  
Analytical Geometry & Calc I  
Analytical Geometry & Calc II  
Probability & Statistics  
General Physics I  
General Physics I Lab  
General Physics II  
General Physics II Lab

### CHEMISTRY MINOR COMPONENT

*24 credits*

General Chemistry I with Lab  
General Chemistry I Lab  
General Chemistry II  
General Chemistry II Lab  
Organic Chemistry I

Organic Chemistry I Lab  
Organic Chemistry II  
Organic Chemistry II Lab  
Analytical Chemistry I  
Analytical Chemistry I Lab  
Analytical Chemistry II  
Analytical Chemistry II Lab

### CRIMINALISTICS CERTIFICATE COMPONENT

*13 credits*

Intro to Criminal Justice  
Criminal Law  
Criminalistics  
Criminal Investigations

*Continued*

LA ROCHE UNIVERSITY | 9000 Babcock Blvd. | Pittsburgh, PA 15237 | laroche.edu

#### Freshman Admissions

844-838-4578 | 412-536-1272  
admissions@laroche.edu

#### Transfer Admissions

412-536-1260  
transferadmissions@laroche.edu

## CURRICULUM *(continued)*

### ACADEMIC CORE CURRICULUM

37 credits

### FOUNDATIONS OF KNOWLEDGE

15 credits

Academic Reading and Writing  
Academic Writing and Research  
Digital Literacy  
College Algebra  
Oral Communication

### LA ROCHE EXPERIENCE

4 credits

LRX: Foundations  
Investigating Social Problems

### BREADTH OF KNOWLEDGE

12 credits

Natural and Physical World\*  
Human Expression  
Values and Ethics  
Social Sciences  
Global Perspectives

### DEPTH OF KNOWLEDGE

3 credits

Interdisciplinary Inquiry

### CORE ELECTIVES

3 credits

Any Breadth of Knowledge Area Course **or** Interdisciplinary Inquiry

*\*Fulfilled in major requirements*

