

BIOCHEMISTRY

LA ROCHE UNIVERSITY

THE BIOCHEMISTRY MAJOR at

La Roche University offers a starting point for you to enter the biotechnology sector, graduate school and medical, dental or veterinary school. You'll complete courses in biochemistry, cell biology and molecular biology, as well as physical chemistry and physical biochemistry. In addition to seminar courses that explore primary literature, you'll gain hands-on experience in the lab.



CURRICULUM

MAJOR COMPONENT

79 credits

CHEMISTRY/BIOLOGY COMPONENT

60 credits

General Biology I
General Biology II
General Biology I Lab
General Biology II Lab
General Chemistry I
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
Cell Biology
Analytical Chemistry I

Analytical Chemistry I Lab
Analytical Chemistry II
Analytical Chemistry II Lab
Biochemistry I
Biochemistry I Lab
Biochemistry II
Biochemistry II Lab
Molecular Biology
Molecular Biology Lab
Physical Chemistry I
Physical Chemistry I Lab
Physical Biochemistry
Seminar I
Seminar II
Chemistry or Biology Elective
2000 level or higher

SCIENCE COMPONENTS

19 credits

Analytical Geometry & Calc I
Analytical Geometry & Calc II
Probability & Statistics
Physics I
Physics I Lab
Physics II
Physics II Lab

ACADEMIC CORE CURRICULUM

37 credits

FOUNDATIONS OF KNOWLEDGE

15 credits

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

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)*

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*

GENERAL ELECTIVES

5 credits



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