

CHEMISTRY

COMPREHENSIVE

LA ROCHE UNIVERSITY



THIS MAJOR EXPLORES CHEMISTRY

in greater depth and is designed for students who want to obtain a graduate degree in chemistry. Students who want to pursue a career in academic and industrial laboratories also benefit from this program.



CURRICULUM

MAJOR COMPONENT/ REQUIREMENTS

83 credits

CHEMISTRY COMPONENTS

50 credits

General Chemistry I
General Chemistry II
General Chemistry I Lab
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
Inorganic Chemistry
Biochemistry
Biochemistry Lab

Physical Chemistry I
Physical Chemistry I Lab
Physical Chemistry II
Physical Chemistry II Lab
Seminar I
Research in Chemistry
Seminar II
Chemistry Elective:
3000 or 4000 level
Chemistry Elective:
3000 or 4000 level

SCIENCE COMPONENTS

33 credits

General Biology I
General Biology II
General Biology I Lab
General Biology II Lab
Analytical Geometry I & Calc I
Analytical Geometry & Calc II
Probability & Statistics

Physics I
Physics I Lab
Physics II
Physics II Lab
Elective
Elective

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

If needed

