

MEDICAL, DENTAL, PHARMACY AND VETERINARY SCHOOL CANDIDACY

 LA ROCHE UNIVERSITY

LECOM
LAKE ERIE COLLEGE OF OSTEOPATHIC MEDICINE

LA ROCHE UNIVERSITY OFFERS A COMPREHENSIVE CURRICULUM with several pathways to prepare you for medical, dental, pharmacy or veterinary school candidacy. Whether you want to receive automatic acceptance to medical school through our joint programs or prepare for the MCAT, DAT, or PCAT, La Roche provides you with the tools to advance your medical career.



CURRICULUM

BIOLOGY

The Bachelor of Science in biology provides scientific training as part of a liberal arts education. At La Roche you'll develop a basic comprehension of the main areas of biology. The program is specifically designed to prepare you for graduate work, for admission to medical, dental, pharmacy or veterinary school, for a biologically oriented career, or for research in the biological sciences.

DEGREE REQUIREMENTS

36 credits in biology
35 credits in other science and mathematics courses
34 credits in liberal arts core
15 credits of general electives

CHEMISTRY

This program is designed to provide a strong theoretical foundation in chemistry, as well as broad exposure to experimental techniques and current instrumentation. Upon successful completion of this program, you will be prepared to pursue advanced degrees in a variety of scientific areas or for entry-level positions in chemistry-related industries.

DEGREE REQUIREMENTS

46 credits in chemistry
19 credits in science component
34 credits in liberal arts core
21 credits of general electives

BIOCHEMISTRY

Our Biochemistry program offers an ensemble of lecture and laboratory courses that, combined with Biology Department offerings in molecular and cell biology, provide a comprehensive, molecular-level understanding of the human body, diseases and treatments. The program prepares you for graduate study in biochemical sciences, or medical, dental, pharmacy or veterinary school, and for positions in universities, colleges, food industries, cosmetic industries and science writing.

DEGREE REQUIREMENTS

78 credits of major requirements
37 credits in liberal arts core
5 credits of general electives

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)*

LECOM

Through our partnership with Lake Erie College of Osteopathic Medicine (LECOM) you'll earn a science degree from La Roche and receive automatic acceptance into one of the largest medical schools in the country—without taking the MCAT or required entrance exams.* The joint programs include:

- Pre-dental
- Pre-osteopathic medicine
- Pre-pharmacy
- Pre-podiatric medicine

There are only up to five seats available each year per program. Please visit laroche.edu/academics and select joint to view our program guides and requirements for admission to LECOM.

*The DAT is required for the pre-dental program.

The MCAT is required for the pre-podiatric medicine program.

NON-TRADITIONAL MAJORS

Pairing a humanities major such as psychology, sociology, philosophy or English with a solid focus in the sciences can make you stand out.

A humanities degree enables students to be critical thinkers, solid communicators and innovators. As a doctor, dentist, pharmacist or veterinarian you need to be an excellent critical thinker and communicator. These skills help you to effectively diagnose medical issues, communicate with your patients and their families, and provide them with the best medical options.

Majoring in health science is another option. Our Health Science program is meant to provide a bridge between study in the natural sciences and the application of science principles to diverse health-related professions.

TYPICAL REQUIREMENTS

While a student may be admitted to a professional school from many different bachelor degree programs, several science pre-requisites are required for admission.

La Roche offers these basic courses that are often required for medical, dental, pharmacy or veterinary school:

- One year of general biology with lab (BIOL 1003, 1004, 1005, 1006)
- One year of general chemistry with lab (CHEM 1001, 1002, 1003, 1004)
- One year of organic chemistry with lab (CHEM 2015, 2016)
- One semester of biochemistry with lab (CHEM 3036, 3037)
- One year of calculus (MATH 1032, 1033)
- One year of physics with lab (PHYS 1032, 1033)



WHY LA ROCHE?

REAL-LIFE RESEARCH

Our biology and chemistry departments offer BioSOLVE and ChemSOLVE, two real-life service labs fully operated by La Roche students. BioSOLVE and ChemSOLVE allow you to engage in authentic research, design and lead experiments, and work with fellow students as your colleagues.

SERVICE LEARNING

It's important to gain practical experience while serving a broader community. Science faculty and staff members can facilitate services for you at hospitals, EMT fire departments and animal rescue organizations.

The Office of Providence Campus Ministry also offers several service learning activities throughout the year. Opportunities include visiting the elderly, playing games with children, packaging food for the homeless and participating in fundraising activities for various causes.

WHAT CAN YOU DO WITH YOUR DEGREE?

Our programs prepare you for admissions to medical, dental, pharmacy or veterinary school, or for a career within the sciences and liberal arts fields. Depending on the path you take, you could find employment within hospitals, food and cosmetic industries, or colleges and universities.

Most recently our graduates have gone on to Purdue University College of Veterinary Medicine, Lincoln Memorial University-College of Veterinary Medicine, Stanford University School of Medicine, and LECOM School of Pharmacy.