

Pre-Medical Studies

COLLEGE of LIFE SCIENCES



Jefferson
Thomas Jefferson University



CAREER and INTERNSHIP HIGHLIGHTS

Over 90% of our graduates have earned doctoral degrees in a variety of fields including medical, dental, veterinary, optometry, audiology, podiatric, physical therapy and pharmacy. Our graduates have gone into careers in these fields and many are now mentors at St. Christopher's Children's Hospital, Johnson and Johnson and Yale New Haven Hospital.

Jefferson is known for crossing disciplines to reimagine the way students learn with an approach that is collaborative and active; global; integrated with industry; focused on research across disciplines to foster innovation and discovery; and technology-enhanced. As a national doctoral research university, Jefferson delivers high-impact professional education in 160 undergraduate and graduate programs to 7,800 students in architecture, business, design, engineering, fashion and textiles, health, social science and science.

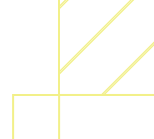
PROGRAM HIGHLIGHTS

Pre-Medical Studies is an umbrella program designed to provide the appropriate coursework and experiential learning to prepare students for future doctoral programs including medical, dental, veterinary, podiatric, physical therapy and pharmacy schools. The program involves:

- First year medical school-based and unique courses including pathology, anatomy and physiology (prosection).
- Completion of two external preceptorships in practitioners' hospital or biomedical offices or the opportunity to pursue biomedical research. Students thereby get over 100 hours of experiential learning.
- Opportunities to apply for pathway programs into medical and dental schools including early acceptance into Lake Erie College of Osteopathic Medicine (LECOM).
- The ability to expand their clinical and world experience by participating in Global Medical Brigades.

[Jefferson.edu/PreMedicalStudies](https://www.jefferson.edu/PreMedicalStudies)

Curriculum



YEAR

1

Pathways Seminar
Writing Seminar I: Written Communication
Debating U.S. Issues
Chemistry I Lecture
Chemistry I Lab
Biology I Lecture
Biology I Lab
Calculus I

Physical Education *or* Service Learning
Introduction to Psychology
Introduction to Health Professions
Chemistry II Lecture
Chemistry II Lab
Biology II Lecture
Biology II Lab
Calculus II

2

Writing Seminar II: Multimedia Communication
American Diversity
Global Diversity
Organic Chemistry I Lecture
Organic Chemistry I Lab
Organic Chemistry II Lecture
Organic Chemistry II Lab

Calculus II
Biostatistics
Preceptorship I
Preceptorship II
Microbiology Lecture & Lab
Anatomy & Physiology I Lecture & Lab

3

Ethics
Global Citizenship
Integrative Seminar
Physics I Lecture
Physics I Lab
Physics II Lecture

Physics II Lab
Biochemistry I Lecture
Biochemistry I Lab
Biochemistry II Lecture
Biochemistry II Lab
Free Electives (6-8 credits)

4

Debating Global Issues
Capstone Folio Workshop
Microbiology Lecture
Microbiology Lab
Principles of Genetics Lecture

Principles of Genetics Lab
Pathology
Pre-Medical Elective (3-4 credits)
Free Electives (9-12 credits)