NEW YORK INSTITUTE OF TECHNOLOGY

College of Osteopathic Medicine

D.O./Ph.D.

Many of today's life-saving medical advancements can be traced to physician-scientists—clinicians who treat patients and also conduct biomedical research. With a unique ability to connect insight from their patient interactions to their research, they can facilitate discoveries to treat and cure human disease.

Our highly competitive seven-year Osteopathic Medicine, D.O./Medical and Biological Sciences, Ph.D. program aims to generate well-trained osteopathic physician-scientists who will, through their research, drive the practice of medicine into the future.

During their first two years, students will complete the traditional pre-clinical coursework taken by first- and second-year medical students. In years three through five (after D.O./Ph.D. program candidacy has been awarded), Ph.D.-level coursework in biomedical and anatomical systems will supplement the medical school curriculum. During this period, students will also carry out an in-depth research project under the mentorship of an NYITCOM faculty member leading to a doctoral thesis. Upon completion of the Ph.D. degree requirements, students will then fulfill the clinical training required of third- and fourth-year NYITCOM students.

Faculty members of the D.O./Ph.D. program carry out research in a variety of areas, including neuroscience, cardiovascular physiology, cancer biology, and musculoskeletal development and regeneration. These and other topics are approached using a range of experimental techniques from the molecular (molecular biology and confocal/super-resolution microscopy) to the organismal levels (micro-computed tomography/microCT and ultrasonic imaging). We are committed to training our D.O./Ph.D. students to utilize state-of-the-art technologies in creative and innovative ways to investigate important questions in the biomedical sciences. To learn more about NYITCOM faculty research interests and projects, visit nyit.edu/do_phd.

NYITCOM Office of Admissions

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Phone: 516.686.3997
comadm@nyit.edu

nyit.edu/medicine/admissions

D.O./Ph.D. Program

Length of Program:

- 2 years medical school preclinical coursework
- 3-4 years graduate school and thesis research
- 2 years medical school clinical rotations

Who can apply?

- Medical school applicants
- Medical students in their second year

Cohort: 2–3 students admitted per year

How to Apply

To be considered for the program, you must be admitted to medical school.

Medical School Applicants

- In the acceptance letter to NYITCOM, you will receive a link to the NYITCOM D.O./Ph.D. program application.
- Required admissions materials:
  - College transcript*
  - MCAT scores*
  - Letters of recommendation*
  - CV (provided by applicant)
  - Essay explaining interest in program (provided by applicant)
  - 2 or 3 letters of reference related to research experience (to be sent by each recommender directly to the program director)

* *from AACOMAS application*

Requirements for Continuation to Ph.D. Portion of Program

- Be in the top 50% of medical school class.
- Pass COMLEX 1 on first try.

Requirements for Ph.D. Portion of Program

- Maintain a B average in graduate school classes.
- Pass a doctoral qualifying examination, including a research proposal.
- Complete doctoral thesis research and submit doctoral thesis. Pass a doctoral thesis examination.

Costs

Medical school covers total costs for:

- Medical school tuition
- Graduate school tuition
- Graduate school stipend

Student is responsible for:

- Living expenses during medical school portion of program
- Additional living expenses as needed during graduate portion of program

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