



DREXEL UNIVERSITY  
Graduate School of  
**Biomedical Sciences  
and Professional Studies**  
*College of Medicine*

## Cancer Biology, MS

**Our Cancer Biology graduate program focuses on the fundamentals of cancer from an interdisciplinary perspective, including molecular and cell biology of cancer initiation, metastasis, immunology, treatment and prevention while gaining experience in cutting edge technology. The program is highly unique, as it offers students the opportunity to work alongside 35 top cancer researchers in the Philadelphia area. Graduates from the Cancer Biology program pursue careers in basic and applied cancer research, leading them to investigate the molecules, mechanisms, and pathways involved in the development of this disease.**

### **THE RESEARCH: DIVERSE AND DYNAMIC**

Students in the Cancer Biology graduate program investigate the molecules, mechanisms, and pathways involved in the development of this disease. While in the program, students can utilize 35 top cancer researchers in the Philadelphia area, including:

- Drexel University
- The Wistar Institute
- Fox Chase Cancer Center
- Lankenau Institute for Medical Research

### **THE DEGREE: TO SUIT YOUR CAREER GOALS**

#### **Master of Science (MS):**

This MS program provides a complement of classes, lab rotations and supervised research, and offers a thesis and non-thesis track. Students will build a foundational knowledge base and set of technical skills to prepare them for success in laboratory jobs in the academic or industrial sectors, or to go on to pursue a PhD.

### **THE FACULTY: EXPERTS IN THEIR FIELD**

Our Cancer Biology faculty are experts on the cutting-edge of cancer research. They bring knowledge in research areas such as cancer metabolism, tumor microenvironment, cancer immunology, cellular response to DNA damage, drug development, and metastatic spread.

Our faculty's wealth of knowledge and experience can mentor, provide support, teach, and prepare students for the next steps in their careers, including scientists from top cancer researchers in the Philadelphia area.

## Admissions Requirements

- Completed online application
- All supplementary material submitted by deadline
- Application deadline for the Master of Science in Cancer Biology:
  - International – May 15
  - Domestic – July 15
- Bachelor's degree from an accredited college or university
- GRE scores are not required for admission
- Official transcripts from all post-secondary institutions attended
- Essay or personal statement
- Résumé
- Three letters of recommendation
- Application fee: \$65.00

For more information about how to apply to the Master of Science in Cancer Biology (CBIO) program, visit [drexel.edu/medicine/academics/graduate-school/cancer-biology/how-to-apply](https://drexel.edu/medicine/academics/graduate-school/cancer-biology/how-to-apply)

## CURRICULUM:

The Cancer Biology program's core curriculum includes classes, lab rotations, and supervised research. This combination provides graduates of the program with a knowledge base and set of technical skills to compete for laboratory jobs in the academic or industrial sectors or to enhance potential for advancement. A total of 43 credits is required for graduation, including a core set of courses, electives, and laboratory rotations. The thesis and non-thesis options for this program differ in the amount of lab rotations and rigor of the writing required.

For more detailed information on the curriculum, please visit the program website at [drexel.edu/medicine/academics/graduate-school/cancer-biology](https://drexel.edu/medicine/academics/graduate-school/cancer-biology).



## CONTACT US!

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