

MS in Biology

ADELPHI
UNIVERSITY
NEW YORK



Why Earn Your MS in Biology From Adelphi?

Our program prepares students for rewarding careers in biology, biotechnology and other biology-related fields, as well as for entrance into health professional schools. You will:

- **Choose either a thesis track**, where you'll conduct laboratory or field-based research, or a **nonthesis track**, that lets you explore scientific research through primary literature.
- **Learn in small classes and conduct research** with a distinguished expert faculty committed to your success.
- **You will have opportunities to receive credit for internships** and could receive financial support from graduate teaching assistantships.

“Adelphi’s master’s program has helped me to begin research from early on, which many prospective jobs are looking for! Along with that, I have built many long-lasting friendships with my professors and my peers.”

Nandy Brijlal '18, MS '21

Our biology faculty include:

A program director whose research on tumor suppressor genes has been funded by National Institutes of Health Academic Research Enhancement Awards

A professor and department chair whose lab focuses on key issues in the interplay between endocrinology and neurobiology

A professor who researches the effect of xenobiotics—or foreign substances—on the mechanisms of cellular development and disease

A bioremediation expert who studies how plants or bacteria can clean sites contaminated by hazardous waste

A professor whose funded research explores how genes and the environment influence aging and disease



A world-class program with expert faculty

As a student in Adelphi's MS in Biology program, you'll receive personalized attention in small classes and specialized laboratories from a faculty of renowned scholars and experts.

“The graduate program helps to build careers in biotechnology. [It] prepares [them] for accessing and implementing healthcare education in the school and community and for research doctoral programs.”



Tandra R. Chakraborty, PhD,
professor and chair of the Department of Biology

A program to enrich your understanding and sharpen your skills

An Adelphi MS in Biology positions you for career success in dynamic and rapidly growing biology and biotechnology fields. You'll build a strong foundation to meet your career goals—and you'll conduct research in everything from genetics and toxicology to immunology and molecular biology in specialized labs outfitted with the latest equipment and tools.



“Adelphi helped me to gain better insight toward my passion and taught me countless techniques. Being a part of the biology community, which is filled with expert researchers, they have molded us by sharing their valuable knowledge and research experience, which helped me to develop my career goals.”

Manali Mahajan, MS '19,
biology

Here are just some of the concentrations you may choose as an MS in Biology candidate:

- Students in either the thesis or nonthesis track looking to boost their career in the science and business environments can elect to concentrate in **biotechnology**. A required **Internship in Biotechnology** course provides exceptional hands-on learning in professional settings.
- Students in either track can pursue advanced coursework by choosing an optional concentration—in **molecular biology, physiology, or ecology, evolution and conservation**.

Get Credit for Your Work

Real-world experience is a major part of a biology education. Students working or volunteering for a health or research organization can earn credit for their work. Adelphi's location in the New York metropolitan area offers students the option to find opportunities at such renowned institutions as:

- Brookhaven National Laboratory
- Cold Spring Harbor Laboratory
- Feinstein Institutes for Medical Research
- Icahn School of Medicine at Mount Sinai
- NYU Langone Health
- NYU Langone Hospital-Long Island

A world of career options

Excellent career prospects. The U.S. Bureau of Labor Statistics predicts employment in life, physical and social science occupations is projected to grow 8 percent through 2030.* Your MS in Biology degree from Adelphi offers an outstanding return on investment.

You'll be well-prepared for success in any number of careers, in areas such as:

- Healthcare education
- Public health
- Marine biology
- Research
- Pharmaceuticals

Your degree is a portal to continuing your education in:

- Medical, dental, veterinary or other professional schools
- Research doctoral programs

*Bureau of Labor Statistics, BLS.gov, April 2022

Application Requirements

Applicants must have a bachelor's degree in biology or a related field and should submit the following application requirements:

- Graduate application and \$50 fee
- Two letters of recommendation
- Personal essay
- Official transcripts from all prior institutions and proof of bachelor's degree from an accredited four-year institution
- TOEFL, IELTS or Duolingo English test scores required for international candidates
- Course-by-course evaluation prepared by an NACES member organization required for international candidates*

*Beginning with the Spring 2023 semester

Adelphi University, New York, is dedicated to transforming students' lives through small classes with world-class faculty, hands-on learning and innovative ways to support academic and career success. We offer 75 undergraduate programs, more than 70 master's degree and doctoral programs, and 55 certificate programs, with particular strength in our Core Four—Arts and Humanities, STEM and Social Sciences, Business and Education Professions, and Health and Wellness. With an increasingly diverse student body and faculty, and a personalized approach to learning, Adelphi serves more than 7,500 students from 44 states and 65 countries at our beautiful Garden City, New York, main campus—located just 23 miles from New York City's cultural and internship opportunities.

Office of University Admissions
One South Avenue
Garden City, NY 11530
Tel: **516.877.3050**
Email: admissions@adelphi.edu
Visit: admissions.adelphi.edu

What can you do with an MS in Biology?

Your degree opens doors for rewarding careers in public health, biotechnology and related fields, such as biomedical research, pharmaceutical and cancer research, environmental and patent law, or teaching. You'll be prepared for medical, dental and other professional schools as well as research doctoral programs.

During the 2021-2022 academic year, 698 graduate students were awarded

\$4.69 million
in University grants and scholarships

94%

of our 2020 master's graduates say that Adelphi University increased their understanding of the roles and responsibilities of professionals in their field

—Adelphi University Career Outcomes Survey: Class of 2020

National winner
of the 2020 American Association of University Administrators' John L. Blackburn Exemplary Models Award for career guidance

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