Far and away Florida’s most exciting city, Miami has been described as “intoxicatingly beautiful.” Our sunny beaches and palm-lined shores are famous around the world. Diverse Caribbean cultures provide delicious exotic cuisines, exciting Latin music, and unique art scenes throughout the city. South Beach’s Art Deco buildings and bustling nightlife are a must-see tourist destination.

But away from the beaches and tourists, South Florida is also becoming a national hub for biomedical research. Academic institutions as well as the biomedical industry in the Miami-Dade area, along with the entire State of Florida, provide numerous research opportunities to enhance the learning experience and improve future employment options.

In addition to the rapid growth of biomedical research at FIU, research opportunities also exist at nearby academic institutions and biotechnology companies such as, Florida Atlantic University, the University of Miami-Miller School of Medicine, Sylvester Comprehensive Cancer Center, Max Planck Florida Institute, The Scripps Research Institute Florida, and Torrey Pines Institute for Molecular Studies.

Florida International University is a vibrant, student-centered public research university, ideally located in Miami, that is WorldsAhead in its commitment to learning, research, entrepreneurship, innovation, and creativity so that our graduates are prepared to succeed in a global market.

With a student body of nearly 60,000, we’re one of the 25 largest public universities in the nation. More than 110,000 FIU alumni live and work in South Florida.

Our colleges and schools offer more than 190 bachelor’s, master’s, and doctoral programs in fields such as engineering, international relations, and law. As one of South Florida’s anchor institutions, FIU has been locally and globally engaged for more than four decades finding solutions to the most challenging problems of our time.

FIU emphasizes research as a major component of its mission. The opening of the Herbert Wertheim College of Medicine in August 2009 has enhanced the university’s ability to create lasting change through its research initiatives. University Research expenditures are more than $196 million per year.
Why Choose the PhD Program in Biomedical Sciences at FIU Herbert Wertheim College of Medicine?

- Our Ph.D. Program in Biomedical Sciences offers graduate students a distinctive opportunity to sit side-by-side with medical students in the introductory basic sciences portion of the medical school curriculum, providing graduate students with an appreciation of the medical aspects of translational biosciences.
- Our faculty in medical and graduate education programs will educate trainees on the fundamental impact of biomedical research on clinical medicine, preparing them to become biomedical scientists for academic careers in medical research, government agencies, pharmaceutical and biotechnology industries.
- Students in our program will:
  - Work in state-of-the-art facilities in the fields of glycobiology, cancer biology, immunology, biochemistry, genetics, microbiology, molecular biology, and nanotherapeutics.
  - Learn exceptional skills to apply their biomedical research training and translate their fundamental discoveries into medicine.
  - The opportunity to conduct research in the new Translational Glycobiology Institute at FIU, a one-of-a-kind research unit focused on studies of the identity and functional impact of cellular glycans and their partners in human health and disease.
  - Attend career development activities, translational medicine seminars, College of Medicine distinguished seminar series, and University Graduate School professional networking events.
  - Gain leadership skills by participating in journal clubs, participating in graduate student seminars, and establishing multidisciplinary collaborations with graduate and medical students.

Financial Support
Research and teaching assistantships are awarded on a competitive basis. If you are awarded an assistantship, your tuition, health insurance and stipend will be provided by the Herbert Wertheim College of Medicine.

Application Requirements
- A baccalaureate degree in biological, chemical, pharmaceutical, or biomedical sciences from an accredited college or university
- A minimum GPA of 3.0 (on a 4-point scale) in the last 60-credits of an accredited undergraduate degree or an earned graduate degree
- GRE scores on the Verbal Reasoning and Quantitative Reasoning sections
- Official transcripts from all colleges or universities attended
- A statement of purpose and curriculum vitae
- Three letters of recommendation from your undergraduate or research advisors
- International graduate student applicants whose native language is not English must have a score of 80 on the TOEFL iBT or 6.5 overall on the IELTS

Key Research Areas
- Translational Glycobiology and Functional Glycomics
- Environmental Sciences and Toxicology
- Immunology and Neurological Disorders
- Microbiology and Infectious Diseases
- Drug Discovery and Nanotherapeutics
- Genetics and Cancer Biology

The PhD Program in Biomedical Sciences admits students only in the fall term.

Visit the FIU University Graduate School website, gradschool.fiu.edu to apply online.