

# BIostatistics PHD TRAINING PROGRAM

**TRAINING THE NEXT GENERATION TO ADVANCE DATA  
MODELING AND ANALYSIS METHODS TO IMPROVE HEALTH**



Biostatistics is the scientific discipline that generates novel approaches to research design and data analysis, with a focus on improving human health and healthcare. At NYU Langone Health's Division of Biostatistics in the Department of Population Health, we transform data into scientific insights to advance medical research and population health around the world. This is accomplished by creating innovative methodologies using a combination of data science, mathematics, and computing. Biostatistics research at NYU Langone is built on collaborations between scientists throughout the NYU School of Medicine, whose work encompasses the entire spectrum of biomedical research.

We offer PhD training in Biostatistics through the Sackler Institute of Graduate Biomedical Sciences at NYU School of Medicine. Students have the opportunity to work with faculty in diverse areas of biostatistics. The Division's faculty have particular expertise in the development of methods for analysis of high-dimensional genetic and genomic data, Bayesian approaches, novel clinical trial design, precision medicine, and survival analysis.

Applicants with a bachelor's or master's degree in a relevant field with research experience are preferred, but all applicants with appropriate training are considered.

---

## PhD Training

The educational experience for PhD candidates in Biostatistics consists of:

- Core biostatistics coursework
- Elective courses to tailor the educational experience to align with students' specific research interests
- A series of rotations with individual faculty to gain hands-on experience on cutting edge research driven by biomedical research

## Contact Us

For more information email:

Rodrigo Arce, MD, MPH, graduate program manager, at [rodrigo.arcecardozo@nyulangone.org](mailto:rodrigo.arcecardozo@nyulangone.org)

Thaddeus Tarpey, PhD, program director, at [thaddeus.tarpey@nyulangone.org](mailto:thaddeus.tarpey@nyulangone.org)

For more information about graduate programs at NYU Sackler Institute of Graduate Biomedical Sciences, email [sackler-info@nyulangone.org](mailto:sackler-info@nyulangone.org).