RUTGERS HEALTH
School of Public Health

✉ admissions@sph.rutgers.edu
📞 732-235-4646
💻 go.rutgers.edu/events

⊙ rutgerssph
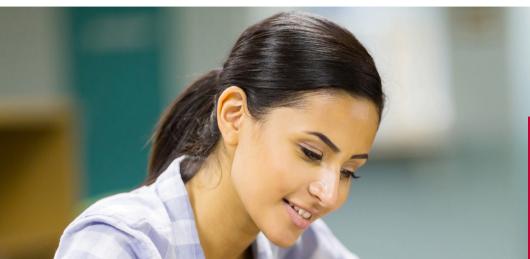in Rutgers School of Public Health
f Rutgers School of Public Health

Image Credit: Adobe Stock Photos

MASTER OF PUBLIC HEALTH IN BIOSTATISTICS (MPH)

ABOUT

The Rutgers School of Public Health's Master of Public Health (MPH) in Biostatistics degree provides students with a clear understanding of the roles of the core disciplines in public health with sufficient knowledge of the theory and terminology used by these disciplines to allow effective participation in interdisciplinary public health efforts.

The courses give students foundational and in-depth knowledge of statistical methods applied to biomedical and public health areas. Underlying theory is also introduced enabling students to learn how statistical methods are developed and applied.

Students earning their MPH in Biostatistics degree will master a common set of measurable quantitative and analytic skills, as well as be able to develop and apply statistical reasoning and methods in addressing, analyzing, and solving problems in public health; health care; and biomedical, clinical, and population-based research.

Graduates are eligible to sit for the Certified in Public Health Exam.

MASTER OF PUBLIC HEALTH (MPH) VS. MASTER OF SCIENCE (MS) – WHAT'S THE DIFFERENCE?

The Rutgers School of Public Health offers MPH and MS in Biostatistics degrees.

The MPH degree focuses on core areas of public health and trains students in the biostatistical concepts, methods, and skills needed to pursue a career in interdisciplinary public health.

The MS degree focuses on training students for biostatistical and pharmaceutical research and serves as preparation for doctoral degree programs.

PROGRAM FORMAT

The MPH in Biostatistics degree is offered as both a full-time and part-time program for individuals dedicated to practicing public health in a professional setting. Students will complete a total of 45 credits, including a practicum experience and capstone research project.

FAST FACTS

Program Size: 24 Students

Total Credits: 45

Format: Full-time and part-time in-person; some online courses available

Degree Options: Dual degree and 15+ additional certificates

Certified in Public Health Exam Eligibility: Yes

Application Deadlines:

Fall Semester Start Date
January 15 (priority)
May 1 (regular)

Spring Semester Start Date
October 15 (priority)
December 1 (regular)

Apply Today:

go.rutgers.edu/sph-apply

"My favorite thing about Biostatistics is the skills and knowledge acquired can be applied to any discipline in public health. This skillset is highly sought after by employers."

- *Valerie, MPH '22*

PROGRAM FORMAT, CONT.

If completing the program as a full-time student (nine or more credits per semester), the degree requirements may be completed in as little as two years (four to five semesters).

Part-time students taking at least six credits per semester may expect to finish within four years. Taking courses in the summer may help expedite part-time students' timing. Courses are available in-person, remote, and/or online.

Students are also required to register for and complete an Interprofessional Education activity prior to graduation.

Dual-degree options are available in partnership with other Rutgers University schools. Students can earn a post-baccalaureate certificate alongside their degree with an additional 6-12 credits. Contact admissions for additional information at admissions@sph.rutgers.edu.

APPLICATION REQUIREMENTS

A complete application includes:
- Online application: visit **go.rutgers.edu/sph-apply**
- Official transcripts from all post-secondary institutions attended
- Statement of goals, one-to-three pages in length, which addresses:
  - Interest in the program
  - Preparedness for the program
  - Goals and aspirations
- Two letters of recommendation with at least one letter from an academic reference if you are currently enrolled in a degree program or have graduated within the last four years
- Resume or CV
- GRE General Exam (optional)
- TOEFL or IELTS score for applicants educated in a non-native English-speaking country

Applications are accepted on a rolling, space-available basis following the regular deadline.

CURRICULUM

- Core Public Health Courses (18 credits)
- Practicum (3 credits)
- Concentration Courses (15 credits)
- Elective Courses (9 credits)
- Other Requirements

Total: 45 credits

CAREERS

- Biostatistician
- Bioinformatician
- Data Scientist
- Programmer

DID YOU KNOW?

The school has several research centers and works closely with Rutgers University institutes:

- Center for Public Health Workforce Development
- Center for Health, Identity, Behavior & Prevention Studies
- Center on Gun Violence Research
- Cancer Health Equity Center of Excellence
- Center for South Asian Quantitative Health & Education
- Institute for Nicotine & Tobacco Studies
- Environmental and Occupational Health Sciences Institute
- Institute for Health, Healthcare, Policy and Aging Research
- Rutgers Cancer Institute of New Jersey
- ...and more

Ranked Among the Best in the Country

The school is ranked among the top 25 Best Graduate Schools in Public Health by U.S. News & World Report.

$88 million

School primary faculty and students were directly awarded a historic $88 million in federal grant/contract funding in 2023. These were prime awards made to Rutgers University.

Historic Endowment for LGBTQ+ Health

A $3 million gift from James F. Dougherty, will fund the Perry N. Halkitis Endowed Chair in LGBTQ+ Public Health at the school.

STUDENT SPOTLIGHT

Valerie recently earned her Master of Public Health in Biostatistics degree. She is interested in the application of machine learning and artificial intelligence in clinical research. As a student researcher, she worked with faculty at the Rutgers School of Public Health and Environmental and Occupational Health Sciences Institute, assessing the neurological birth outcomes of pregnant mothers exposed to pesticides in Thailand. With the help of the Office of Career Services, she secured Pfizer's Statistical Programming and Analysis Internship and was offered a full-time position at the conclusion of the internship program.