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*Gain the Skills to Conduct Biostatistical Analyses*

**CURRICULUM REQUIREMENTS (15 credits)**

- PHCO 0502 - Principles and Methods of Epidemiology (3 cr.)
- BIST 0535 - Biostatistical Computing<sup>1</sup> (3 cr.)
- BIST 0551 - Applied Regression Analysis for Public Health Studies<sup>1</sup> (3 cr.) --OR--
- BIST 0610 - Advanced Regression Methods for Public Health Studies<sup>1</sup>
- BIST 0615 - Categorical Data Analysis<sup>1</sup> (3 cr.)
- BIST 0627 - Applied Survival Data Analysis<sup>1</sup> (3 cr.) --OR--
- BIST 0650 - Applied Longitudinal Data Analysis

<sup>1</sup>Prerequisite:  
PHCO 0504 - Introduction to Biostatistics (3 cr.) or equivalent course.

**ADMISSION REQUIREMENTS**

Applicants must have:

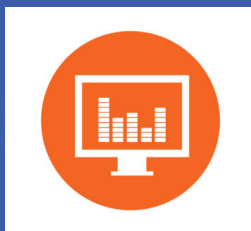
- Completed an accredited undergraduate program in the U.S. or its equivalent;
- Demonstrated academic achievement in an appropriate discipline; and
- Academic credentials at least equivalent to those required for the MPH program.

Applicants must submit:

- Application for Admission;
- Official Transcripts of all prior work;
- Scores from the Graduate Record Examination (GRE);
- Letter of Intent, including statement of purpose for application to the program;
- Two (2) Letters of Recommendation; and
- Application Fee.

International applicants must submit:

- TOEFL scores and WES evaluations.



The 15-Credit Applied Biostatistics Certificate can help you advance your knowledge and skills to in the design and analysis of data from public health studies. Students will learn how to analyze data and interpret the results. Courses explore study design, epidemiology, data analysis, and statistical computing.

**THE APPLIED BIOSTATISTICS CERTIFICATE IS INTENDED FOR:**

- ▶ Clinicians (physicians and nurses);
- ▶ Other clinical researchers; and
- ▶ Those working in pharmaceutical and related industries.



**PROGRAM DESIGN**

The schedule for completing the Applied Biostatistics Certificate is flexible. You can complete the program in two-three semesters, if desired, or you can plan a schedule for completing the five courses over a two-year period (the maximum timeframe.) The late afternoon/evening schedule and online course offerings makes it convenient to continue working or gain experience while earning your Applied Biostatistics Certificate. The Certificate courses may also be applied toward an MPH at the Rutgers School of Public Health depending on the concentration. (Certificate holders must still apply and be admitted to the MPH program.)

**COST**

Tuition is governed by the Rutgers University and is subject to change without notice. Please visit [sph.rutgers.edu/admissions](http://sph.rutgers.edu/admissions) to confirm current tuition rates and fees.

*For Gainful Employment information, please visit [sph.rutgers.edu/academics/certificate\\_programs](http://sph.rutgers.edu/academics/certificate_programs).*

*Graduates of CEPH-accredited schools and programs of public health may transfer up to six (6) credits towards a certificate program if earned within the past seven years with a grade of B or better and are deemed appropriate by the respective Certificate Program Coordinator.*

“The Applied Biostatistics Certificate will enhance students’ understanding of data analysis and statistical models for the modern, data rich environment.”

*Dr. Jason Roy, Chair,  
Department of Biostatistics and Epidemiology*

**For More Information:**

Office of Admissions  
p. 732-235-4646  
[admissions@sph.rutgers.edu](mailto:admissions@sph.rutgers.edu)

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