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# CLINICAL EPIDEMIOLOGY CERTIFICATE

*Provides Essential Skills for Conducting Clinical Research*

## ABOUT

The 15-Credit Clinical Epidemiology Certificate can help you advance your knowledge and skills to design, conduct, and evaluate clinical research. Students will learn how to incorporate valid research findings into clinical decision-making. Courses examine research methods, study design, biostatistics, epidemiology, and clinical trials.

The **Clinical Epidemiology Certificate** is intended for:

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

## PROGRAM DESIGN

You can complete the Clinical Epidemiology Certificate in two to three semesters, or you can plan a schedule for completing the courses over a two-year period (*maximum timeframe*). The late afternoon/evening schedule makes it convenient to continue working or gain experience while earning your Clinical Epidemiology Certificate.

Depending on the degree program and concentration, certificate courses may also be applied toward a degree at the Rutgers School of Public Health. Certificate holders must apply and be admitted to the degree program.

**CURRICULUM REQUIREMENTS** (15 credits) *Courses are available in-person, remote and/or online, varying by semester and course.*

- ▶ **PHCO 0502** - Principles and Methods of Epidemiology (3 cr.)
- ▶ **PHCO 0504** - Introduction to Biostatistics\* (3 cr.)
- ▶ **EPID 0656** - Intermediate Epidemiologic Research Methods (3 cr.)
- ▶ **BPHE 5310** - Scientific Concepts and Research Design (3 cr.)

--AND--

### Choose one of the following three

- ▶ **EPID 0563** - Introduction to Outcomes Research (3 cr.)
- ▶ **EPID 0672** - Pharmacoepidemiology and Therapeutic Risk Management (3 cr.)
- ▶ **Elective** - Select an elective with permission from the Program Coordinator (3 cr.)

\*Prerequisite: Quantitative Skills Assessment

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.



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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
- ...and more

“ THE CLINICAL EPIDEMIOLOGY CERTIFICATE PROGRAM HAS PROVIDED ME WITH AN EXCELLENT FOUNDATION FOR EVALUATING CRITICAL PUBLIC HEALTH ISSUES AS THEY PERTAIN TO CLINICAL RESEARCH. THE PROGRAM’S FLEXIBILITY AND QUALITY OF THE FACULTY MAKES THIS A POSITIVE EXPERIENCE. ”

*Clinical Epidemiology Certificate Student*

## ADMISSION REQUIREMENTS

### Applicants must have:

- ▶ Completed an accredited undergraduate program in the U.S. or its equivalent
- ▶ Demonstrated academic achievement in an appropriate discipline

### Applicants must submit:

- ▶ Application for Admission
- ▶ Official transcripts of all prior work
- ▶ Letter of intent, including statement of purpose for application to the program
- ▶ Two (2) letters of recommendation
- ▶ Application fee

### International applicants must submit:

- ▶ TOEFL scores and WES evaluations

APPLY TODAY!



[go.rutgers.edu/sph-apply](https://go.rutgers.edu/sph-apply)

## COST

Tuition is governed by Rutgers University and is subject to change without notice. Please visit the [Rutgers School of Public Health's Tuition & Fees webpage](https://sph.rutgers.edu/admissions/tuition-fees) (<https://sph.rutgers.edu/admissions/tuition-fees>) to confirm current tuition rates and fees.

Gainful Employment information can be found [here](https://sph.rutgers.edu/sites/default/files/2023-03/Gainful-Employment-disclosure.pdf) (<https://sph.rutgers.edu/sites/default/files/2023-03/Gainful-Employment-disclosure.pdf>)

## Rutgers School of Public Health

For more information, contact:

✉ [admissions@sph.rutgers.edu](mailto:admissions@sph.rutgers.edu)

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