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# PHARMACOEPIDEMIOLOGY CERTIFICATE

*Provides the Essential Skills in Pharmacoepidemiology*

## ABOUT

The 18-Credit Pharmacoepidemiology Certificate, offered in collaboration with the Rutgers Center for Pharmacoepidemiology and Treatment Science (PETS), can help you build a strong foundation in pharmacoepidemiology. Taught by internationally recognized experts, students will develop an appreciation for the principles of pharmacoepidemiology and gain practical experience with data analysis and interpretation.

The **Pharmacoepidemiology Certificate** is intended for:

- ▶ Students in public health, biostatistics, medicine, or pharmacy who want to develop core competencies in pharmacoepidemiology
- ▶ Working professionals in the pharmaceutical, insurance, financial or healthcare industries who are looking to obtain formal training in the basic concepts and applications of pharmacoepidemiology

## PROGRAM DESIGN

You can complete the Pharmacoepidemiology 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 Pharmacoepidemiology 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** (18 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.)
- ▶ **BIST 0535** - Biostatistical Computing (3 cr.)
- ▶ **EPID 0657** - Applied Epidemiologic Research Methods (3 cr.)
- ▶ **EPID 0672** - Pharmacoepidemiology and Therapeutic Risk Management (3 cr.)
- ▶ **EPID 0676** - Intermediate Pharmacoepidemiology (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

“ AS SOMEONE WORKING IN PHARMACEUTICAL INDUSTRY, THE PHARMACOEPIDEMOLOGY CERTIFICATE PROGRAM HAS BEEN PIVOTAL FOR ME. IT HAS EQUIPPED ME WITH THE VITAL ANALYTICAL SKILLS AND A DEEP UNDERSTANDING OF DRUG EFFECTS ON A POPULATION LEVEL, ENABLING ME TO MAKE SIGNIFICANT CONTRIBUTIONS TO COMPARATIVE EFFECTIVENESS AND SAFETY STUDIES OF MEDICATIONS, MAKING A REAL IMPACT ON PUBLIC HEALTH.

*Pharmacoepidemiology 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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