



RUTGERS HEALTH
School of Public Health

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MASTER OF SCIENCE IN EPIDEMIOLOGY (MS) - PHARMACOEPIDEMIOLOGY

ABOUT

The Rutgers School of Public Health's Master of Science (MS) in Epidemiology degree prepares students for public health, clinical practice, and population health research through comprehensive epidemiological training, research methods, and analytical methods. Students can choose to concentrate their studies in either epidemiology or pharmacoepidemiology.

PROGRAM FORMAT

The MS in Epidemiology degree is offered to students for full-time or part-time completion. Most students complete the program on a full-time basis. Students enrolled in this program may earn their MS degree in as little as two years (four to five semesters).

Students complete a total of 36 credits, including a comprehensive mentored research project that deepens their understanding in epidemiological and statistical methods. Students also participate in journal club, meeting to strengthen their ability to discuss and critique literature.

Courses are available in-person, remote, and/or online.

FAST FACTS



STEM Designated Program:
Yes

Total Credits: 36

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

Concentrations:
Epidemiology or
Pharmacoepidemiology

Application Deadlines:

**Fall Semester Start
Date**

January 15 (priority)

May 1 (regular)

Apply Today:



go.rutgers.edu/sph-apply

PHARMACOEPIDEMIOLOGY CONCENTRATION

Pharmacoepidemiology is the study of the utilization, safety, and effectiveness of medications and other treatments in large numbers of people. Researchers in this field utilize traditional and advanced epidemiological designs and analytical methods applied to large healthcare databases and other real-world data.

In close collaboration with the Rutgers Center for Pharmacoepidemiology and Treatment Science (PETS), the MS in Epidemiology, Pharmacoepidemiology Concentration, provides students with in-depth training spanning the fields of epidemiology, pharmaceutical sciences, data science, and population health. PETS is home to eminent leaders in the field, including fellows, past presidents, and the current president of the International Society for Pharmacoepidemiology (ISPE), editors of Pharmacoepidemiology and Drug Safety (the leading journal of the discipline), and members of committees for the U.S. Food and Drug Administration, the National Institutes of Health, and the National Academy of Medicine. PETS faculty are widely published and funded by the National Institutes of Health, other government agencies, nonprofit organizations, and industry.

CURRICULUM

- Core Public Health Courses (12 credits)
- Methods Courses (12 credits)
- Concentration Courses (6 credits)
- Research (6 credits)
- Other Requirements

Total: 36 credits



APPLICATION REQUIREMENTS

Students may only apply to this program for fall semester admission.

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 due to the COVID-19 pandemic)
- 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.