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

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MASTER OF SCIENCE IN EPIDEMIOLOGY (MS)

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 training in epidemiology theory, 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.

CAREERS

- Medical Epidemiologist
- Vaccine Researcher
- Disease Ecologist
- Infection Preventionist
- Disaster Preparedness Researcher

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

EPIDEMIOLOGY CONCENTRATION

The Epidemiology concentration provides students with in-depth training on how to evaluate strengths and limitations of health data for public health research and/or practice, analyze and interpret epidemiologic data to enhance current public health knowledge, and utilize epidemiologic techniques to quantitatively assess patterns and changes in disease occurrence. With this knowledge, graduates may pursue careers in multiple sectors as a research professional or continue their scholarship by pursuing a doctoral degree.

CURRICULUM

- Core Public Health Courses (12 credits)
- Methods Courses (12 credits)
- Advanced Methods Selective Courses (3 credits)
- Subdiscipline Selective Courses (3 credits)
- Research (6 credits)
- Other Requirements
Total: 36 credits

PHARMACOEPIDEMIOLOGY CONCENTRATION

Pharmacoepidemiology, the study of the utilization and effects of medications and therapeutic products in large numbers of people, utilizes epidemiological methodologies in pharmaceutical research and market settings. The Pharmacoepidemiology concentration provides students with in-depth training to bridge the gaps between epidemiology, pharmaceutical science, therapeutics, and population health with specialized coursework in pharmacoepidemiology research and real-world data.

CURRICULUM

- Core Public Health Courses (12 credits)
- Methods Courses (12 credits)
- Concentration Courses (6 credits)
- Research (6 credits)
- Other Requirements
Total: 36 credits

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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)
- 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.