THE EPIDEMIOLOGY CONCENTRATION prepares students to critically analyze and understand the distribution, determinants, and control of human disease. Focusing on the areas of social epidemiology, non-communicable disease epidemiology, nutritional epidemiology, and infectious diseases, the concentration integrates innovative approaches to training by utilizing geospatial technology, social networking, and crowdsourcing in domestic and global settings to study the social determinants of health. Upon graduation, students will be able to:

- Identify methods for measuring the distribution of determinants of health outcomes and well-being within and across populations.
- Critically evaluate the application of epidemiologic methods to answer public health questions.
- Identify data sources, manage large datasets, and conduct analyses using appropriate statistical software.
- Synthesize the extant epidemiologic literature and identify its limitations and gaps.
- Effectively communicate epidemiologic findings both orally and in writing.

The 46-credit Epidemiology curriculum offers an innovative and interdisciplinary approach through which students embark on a rigorous course of study that includes core public health and concentration courses, electives, an Applied Practice experience and a two-semester MPH thesis.

- **Core courses** promote knowledge of and training in core public health concepts ranging from biostatistics, epidemiology, environmental health, health policy and management, public health biology and social and behavioral health.

- **Elective courses** allow for more in-depth study that covers areas as diverse as Advanced Nutritional Epidemiology, Non-communicable Disease Epidemiology, Disasters, Complex Systems, and Emerging Infectious Diseases.

- **The Applied Practice-Thesis** is the culminating experience of the program in which students apply their knowledge and skills in a real-world setting through a public health internship for a minimum of 180 hours followed by a thesis. The thesis addresses a specific public health topic, with the general expectation that the finished product demonstrates concentration competencies, meets academic and professional standards, and is of a quality useful to some external audience (e.g., journal readers, practitioners, advocates, other researchers).
Students will benefit from countless opportunities to build skills and experience preparing them for successful careers in public health. They will be able to:

- Gain practical experience and training through internships, fellowships, employment and volunteer opportunities with influential international organizations and domestic agencies.
- Participate in student-run groups such as the GPH Student Governing Council, the Peer Health Exchange, and the Public Health Leaders Organization to bring their public health knowledge to local communities.
- Engage in research opportunities with the chance to work with faculty mentors from different specialty areas across the university who bring internationally known expertise in key areas including social epidemiology, nutrition, HIV/AIDS and tobacco control.
- Join one of over 20 faculty-led student labs, centers and initiatives: Applied Global Public Health and Development; Center for Health, Identity, Behavior and Prevention Studies (CHIBPS); Program on Population Impact, Recovery and Resilience (PIR²); NYU mHealth Initiative; SocioEconomic Evaluation of Dietary Decisions (SEEDProgram); Spatial Epidemiology—all providing leadership and networking opportunities.
- Get guidance from career center resources and access to professional associations such as the American Public Health Association (APHA) and the Society for Epidemiologic Research (SER).

Upon graduation students will also benefit from being part of GPH’s growing alumni network around the world.

BERNADETTE BODEN-ALBALA, MPH, DrPH
Associate Dean of Research and Program Development at GPH; Director, Division of Social Epidemiology; Professor of Public Health, Neurology and Dentistry

Epidemiology—and the skill set associated with it—remains the foundational discipline of public health. Beginning with John Snow’s landmark work on cholera through ongoing work on the epidemics of Zika, Ebola and obesity, the modern epidemiologist tackles the complexities in health that will ultimately save lives.

Admission

Applicants must hold a bachelor’s degree or higher from a regionally accredited college or university. The Epidemiology concentration requires demonstrated evidence of quantitative competence for admission. International candidates must hold the equivalent of a U.S. bachelor’s degree. The program does not require previous work and/or research experience to apply. Program scholarships are available and other forms of financial aid can help you finance your studies. All applications and materials are due by February 1st. To apply directly, visit: sophas.org.

CONTACT US TO LEARN MORE
We encourage prospective students to explore our website and visit the campus to meet students and faculty, and even sit in on a class. GPH is committed to helping you discover the right academic path for you in the field of global public health.

EMAIL  gph.admissions@nyu.edu  TEL  212.992.MPH1 (6741)
WEB  publichealth.nyu.edu  IN PERSON  726 Broadway, 7th Floor, NY, NY 10003