

PUBLIC HEALTH (MPH)

NYSED: 34215 HEGIS: 1214.00 CIP: 26.0102

Program Description

For those drawn to the field of public health, it can be much more like a calling than a job. The New York University School of Global Public Health offers committed students like you a world-class education, with domestic and global perspectives that emphasize health equity, ethics and social justice.

Fully accredited by the Council on Education for Public Health, our MPH program offers eight areas of concentration (<https://publichealth.nyu.edu/master-public-health/concentrations/>), dual-degree programs (<https://publichealth.nyu.edu/master-public-health/dual-degrees/>), and award-winning faculty (<https://publichealth.nyu.edu/faculty/>) conducting groundbreaking research (<https://publichealth.nyu.edu/research-scholarship/>). Learn more about how you can help discover innovative solutions to epidemics and reinvent the public health paradigm.

Concentrations

The NYU Master of Public Health (<https://publichealth.nyu.edu/master-public-health/>) is proud to attract students with a wide variety of backgrounds, experiences, and career goals. No matter where your interests may lie, the NYU MPH offers eight specialized concentrations that will prepare you for fulfilling public health opportunities that are suited to your talents. While each concentration covers the core public health areas, each is designed to give you a deeper understanding of the unique themes and challenges to that area of study. All students enrolled in the program are admitted into one of the following eight concentrations:

Biostatistics

The Biostatistics concentration teaches you to apply statistical reasoning and methods to the analysis of public health, health care, and biomedical, clinical and population-based data.

You'll apply descriptive and inferential methodologies to answer research questions and harness the concepts of probability, random variation and commonly used statistical probability distributions. You'll learn to implement and interpret the appropriate analytic methods or methodological alternatives to calculate key measures of association in public health research studies.

Community Health Science and Practice

The Community Health Science and Practice concentration within the Department of Social and Behavioral Sciences (<https://publichealth.nyu.edu/department/social-and-behavioral-sciences/>) prepares you to collaboratively develop, implement, and evaluate programs and policies that promote healthy communities and health equity.

You'll learn to assess health issues among diverse population groups in the US and globally to develop and implement population-based health programs that improve health and reduce inequities. Throughout your coursework, you'll apply a social ecological framework to population-based intervention strategies, as well as the assessment of social, cultural, economic, environmental and institutional factors that contribute to health among diverse populations.

Environmental Public Health Sciences

The Environmental Public Health Sciences concentration is housed within the department of global health and anticipates the global marketplace demand for expertise in both environmental health research and practice, focusing on developing skills in analyzing and managing complex issues through both research and applied practice.

As a student in the program, you'll develop a deep understanding of current global policy and practice, and the ability to advance sustainable, equitable, scalable solutions to environmental challenges. Your core and elective courses will encompass Systems Science, Applied Global Health, and Sustainability.

Epidemiology

The Epidemiology concentration trains students to become public health professionals that possess the skills to critically analyze and understand how individual, social and structural factors shape population-level health and well-being.

Our foremost goal is to provide rigorous education and training in the conceptual and practical applications of epidemiological methods for the next generation of public health leaders. Students are also encouraged to work with faculty mentors, community-based organizations as well as local, state and federal public health agencies to make important connections as well as gain the skills required to become public health leaders.

Global Health

The goals of the Global Health Concentration are to provide students with the knowledge and skills needed to take on leadership roles in public health settings around the globe. The concentration trains you to engage with local and international organizations to design and implement effective global health programs. The program will also prepare you to become a leader in the field of public health by applying strategic principles of ethical reasoning and professional practice to advance health equity and social justice around the world.

Public Health Nutrition

The Public Health Nutrition concentration trains you to promote health and reduce the risk of chronic diseases and obesity through educational and environmental approaches to improved nutrition and physical activity. You'll be prepared to identify and assess diet-related health problems among diverse population groups around the world, identifying the social, cultural, economic, environmental, and institutional factors that contribute to the risk of undernutrition and over nutrition among populations.

Public Health Policy and Management

The Department of Public Health Policy and Management offers two specializations:

1. Public Health Policy and
2. Public Health Management

The department aims to develop leaders who will influence policy and manage organizations to improve and protect the public's health. You will be prepared to develop, implement, and evaluate policies and management strategies in health care and public health. If you are interested in working with government agencies, nonprofits, or private health care organizations that seek to advance public health, these concentrations are suited to your career goals.

Like all MPH students, you will take the core public health courses in biostatistics, epidemiology, social and behavioral determinants of health, environmental health, and the essentials of public health biology. You will then select a concentration in either Public Health Management or Public Health Policy.

Social and Behavioral Sciences

The research-based Social and Behavioral Sciences track within the Department of Social and Behavioral Sciences (<https://publichealth.nyu.edu/department/social-and-behavioral-sciences/>) prepares you to critically assess and explain major theories, trends, and debates regarding the relationship between socially structured inequalities and health.

You'll address existing challenges to achieving health equity at the behavioral, community and societal levels, and apply methods, analytic tools, and ethical principles to design and improve public health research and evaluation.

Admissions

All applications to MPH or MS programs at NYU GPH must be submitted through SOPHAS (<https://sophas.org/>), the common application for schools and programs of public health. You are required to select a single area of concentration when you apply, and we encourage you to research the different concentrations available to identify one which best aligns with your interests.

In general, the elements of a complete application include:

- SOPHAS application form
- Official transcripts from each institution attended (or an evaluation of your credentials if you graduated from a foreign institution)
- Three letters of recommendation
- Personal statement
- Resume/CV
- English language proficiency exam results for all applicants whose native language is not English and who did not receive the equivalent of a US bachelor's degree at an institution where English is the primary language of instruction.

Dual Degrees

Public health education crosses academic boundaries and integrates the best of what our many graduate and professional schools have to offer. GPH offers five dual degree programs (<https://publichealth.nyu.edu/master-public-health/dual-degrees/>) that embody these values by allowing students to complete two separate degrees concurrently, allowing you to get the advanced training you need to start your career as a leader in multiple fields.

- Medicine (MD/MPH) (<https://publichealth.nyu.edu/master-public-health/dual-degrees/medicine/>)
- Dentistry (DDS/MPH) (<https://publichealth.nyu.edu/master-public-health/dual-degrees/dentistry/>)
- Public Administration (MPA/MPH) (<https://publichealth.nyu.edu/programs/master-public-health/dual-degrees/dual-degree-public-administration-mpamph/>)
- Nursing (MS/MPH) (<https://publichealth.nyu.edu/programs/master-public-health/dual-degrees/dual-degree-nursing-msmph/>)

- Social Work (MSW/MPH) (<https://publichealth.nyu.edu/programs/master-public-health/dual-degrees/dual-degree-social-work-mswmp/>)

Dual Degree Admissions

All dual degree applicants should note that in order to be successfully admitted to a dual degree program, a student must be admitted to both programs separately. Dual degree applicants should note the instructions to apply to the MPH program but also ensure they apply to the partner school program as appropriate:

- Applicants to the MSW/MPH must apply to GPH and the NYU Silver School of Social Work.
- Applicants to the MPA/MPH must apply to GPH and the NYU Wagner Graduate School of Public Service
- Applicants to the MS/MPH must apply to GPH and the NYU Rory Myers College of Nursing
- Applicants to the MD/MPH must apply to GPH and the NYU Grossman School of Medicine
- Applicants to the DDS/MPH must apply to GPH and the NYU College of Dentistry.

A dual degree applicant who is admitted to GPH but who does not apply to the other school will not be permitted to matriculate into a dual degree program.

Program Requirements

See below for program requirements specific to each concentration.

Biostatistics

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Concentration Courses (6 credits)		
<i>All students in the Biostatistics concentration take the following courses.</i>		
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3
GPH-GU 2354	Regression II: Categorical Data Analysis	3
Selective Courses (9-10 credits)		

Students choose from each of the following sets of courses below.
Please note that you may take the other course as an elective.

Select one of the following: 3-4

GPH-GU 2286 Introduction to Data Management and Statistical Computing

GPH-GU 2183 Introduction to Statistical Programming in R & GPH-GU 2184 and Intermediate Statistical Programming in R¹

Select one of the following: 3

GPH-GU 2225 Psychometric Measurement and Analysis in Public Health Research and Practice

GPH-GU 2387 Survey Design, Analysis, and Reporting

Select one of the following: 3

GPH-GU 2480 Longitudinal Analysis of Public Health Data

GPH-GU 2368 Applied Survival Analysis

Electives (9 credits)

All students in the Biostatistics concentration must take 9 credits of electives as follows (additional electives may be taken pending approval by the Chair):

Group A Electives: Methods

Select three credits of the following: 3

GPH-GU 3152/5152 Advanced Agent-Based Modeling

GPH-GU 2355 Analysis of Epidemiologic Data Using SAS
CUSP-GX 6002

GPH-GU 2235 Biostatistical Consulting

GPH-GU 2336 Critical Reading of the Biostatistical Literature
CUSP-GX 6004

APSTA-GE 2331 Data Science for Social Impact

GPH-GU 2380 Data-Driven Decision Making in Global Public Health

or GPH-GU 5380 Data-Driven Decision-Making in Global Public Health

GPH-GU 2930 Epidemiological Methods and Design

URPL-GP 2618 Geographic Information Systems and Analysis

GPH-GU 2244 Health Care Management Science

GPH-GU 2126 Healthcare Claims Data Analysis

GPH-GU 2324 Infectious Disease Epidemiology

GPH-GU 2450 Intermediate Epidemiology

GPH-GU 2184 Intermediate Statistical Programming in R

GPH-GU 2152 Introduction to Agent-Based Modeling

GPH-GU 2286 Introduction to Data Management and Statistical Computing

GPH-GU 2183 Introduction to Statistical Programming in R

APSTA-GE 2110 Large Databases in Applied Research

GPH-GU 2274 Outbreak Epidemiology: Re-emerging and Emerging Infectious Diseases

DS-GA 1007 Programming for Data Science

GPH-GU 2160 Qualitative & Field Methods

GPH-GU 2361 Research Methods in Public Health

GPH-GU 2022 SAS for Beginners: Data Management and Exploration

ECE-GY 9343 SEL TOP: TELECOM NETWORK

GPH-GU 2105 Thinking Critically and Ethically in Public Health

BI-GY 7633 Transcriptomics

Group B Electives: Statistics

Select six credits of the following: 6

GPH-GU 3152/5152 Advanced Agent-Based Modeling

PHDSW-GS 3070 Advanced Structural Equation Modeling²

GPH-GU 2372 Applied Bayesian Analysis in Public Health

GPH-GU 2368 Applied Survival Analysis

APSTA-GE 2015 Applied Spatial Statistics

GPH-GU 2363 Causal Inference: Design and Analysis

APSTA-GE 2012 Causal Inference³

CS-GY 6953 DEEP LEARNING (same course as ECE-GY 7123)

ECE-GY 7123 DEEP LEARNING (same course as CS-GY 6953)

GPH-GU 2126 Healthcare Claims Data Analysis

GPH-GU 2480 Longitudinal Analysis of Public Health Data

DS-GA 1003 Machine Learning⁴

GPH-GU 2338 Machine Learning in Public Health

APSTA-GE 2013 Missing Data

APSTA-GE 2094

DS-GA 1011 Natural Language Processing with Representation Learning

GPH-GU 2225 Psychometric Measurement and Analysis in Public Health Research and Practice

DS-GA 1018 Probabilistic Time Series Analysis

GPH-GU 2512 Special Topics: Applied Spatial Statistics for Public Health

APSTA-GE 2014 Stats Analysis of Networks

GPH-GU 3225 Statistical Inference

PHDSW-GS 3069 Structural Equation Modeling

GPH-GU 2387 Survey Design, Analysis, and Reporting

DS-GA 1015 Text as Data

BI-GY 7663 Problem Solving For Bioinformatics

Thesis

The culminating experience for students in the Biostatistics concentration consists of: a minimum of 180 hours of a practice experience, completed prior to Thesis I, and a two-semester MPH Thesis.

GPH-GU 2686 Thesis I: Practice and Integrative Learning Experiences 2

GPH-GU 2687 Thesis II: Practice and Integrative Learning Experiences 2

Total Credits 46

1

Please note that students who choose this option will take one less elective credit.

2

Pre-req: PHDSW-GS 3069 Structural Equation Modeling

3

Pre-req or co-req: GPH-GU 2354 Regression II: Categorical Data Analysis

4

Must take GPH-GU 2338 Machine Learning in Public Health first.

Community Health Science and Practice

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Concentration Courses (15 credits)		
<i>All students in the Community Health Science and Practice concentration take the following courses.</i>		
GPH-GU 2218	Assessing Community Health Needs	3
GPH-GU 2349	Program Planning and Evaluation	3
GPH-GU 2361	Research Methods in Public Health	3
GPH-GU 2415	Community-Based Health Interventions	3
GPH-GU 2270	Translating Research to Practice: Adapting and Implementing Evidence-Based Public	3
Electives (9 credits)		
<i>Select three courses of public health electives ¹</i>		
9		
Applied Practice		
<i>Students in the Community Health Science and Practice concentration complete a minimum of 180 hours of a public health internship, which serves as the culminating experience of the MPH degree.</i>		
GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2360	Integrative Learning Experience Seminar	2
Total Credits		46

1

Students may choose any GPH-GU course. Please note that some electives have prerequisites and some are restricted to other MPH concentrations during the first two weeks of the registration period.

Environmental Public Health Sciences

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Concentration Courses (12 credits)		
<i>All students in the Environmental Public Health Sciences concentration take the following courses</i>		
GPH-GU 2220	Accelerating Progress Towards Health-Related SDGs	3
GPH-GU 2265	Climate Change and Global Public Health	3
GPH-GU 5210	Global Health Disaster Preparedness & Response	3
GPH-GU 2280	Environmental Health Assessments and Interventions	3
Electives (12 credits)		
<i>Select 12 credits of public health electives ¹</i>		
12		
Applied Practice Experience		
<i>Students in the Environmental Public Health Sciences concentration are required to complete 180 hours of supervised, relevant public health practice in the form of an internship. In addition, students are required to complete the following two courses as part of their applied practice experience. ²</i>		
GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2360	Integrative Learning Experience Seminar ³	2
Total Credits		46

1

Students may choose any GPH-GU course. Please note that some electives have prerequisites and some are restricted to other MPH concentrations during the first two weeks of the registration period.

2

The qualifying practice experience may be related to students' current employment. Supervised field experience provides an opportunity to apply public health skills in community health settings. Locations may include government agencies, hospitals, professional associations, voluntary health agencies, businesses, industries, and international agencies. Placement selection may focus on special topics such as infectious or chronic disease prevention, substance abuse, family planning, and food, environment, and health systems.

3

GPH-GU 2360 Integrative Learning Experience Seminar is designed to ensure that students have acquired all of the competencies promised by the program. Evidence of mastery can take the form of exercises, exams, papers, and reports.

Epidemiology

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Concentration Courses (15 credits)		
<i>All students in the Epidemiology concentration take the following courses.</i>		
GPH-GU 2450	Intermediate Epidemiology	3
GPH-GU 2930	Epidemiological Methods and Design	3
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3
GPH-GU 2354	Regression II: Categorical Data Analysis	3
GPH-GU 2225	Psychometric Measurement and Analysis in Public Health Research and Practice	3
Elective Courses		
<i>All students in the Epidemiology concentration take three elective courses (9 credits) across any of the following areas:</i>		
Agent-Based Modeling		
GPH-GU 2152	Introduction to Agent-Based Modeling	
GPH-GU 3152	Advanced Agent-Based Modeling	
Biostatistical Methods		
GPH-GU 2372	Applied Bayesian Analysis in Public Health	

GPH-GU 2368	Applied Survival Analysis
GPH-GU 2363	Causal Inference: Design and Analysis
GPH-GU 2184	Intermediate Statistical Programming in R
GPH-GU 2286	Introduction to Data Management and Statistical Computing
GPH-GU 2183	Introduction to Statistical Programming in R
GPH-GU 2480	Longitudinal Analysis of Public Health Data
GPH-GU 2338	Machine Learning in Public Health
GPH-GU 2022	SAS for Beginners: Data Management and Exploration
GPH-GU 2512	Special Topics: Applied Spatial Statistics for Public Health
GPH-GU 2387	Survey Design, Analysis, and Reporting
Chronic Disease Epidemiology	
GPH-GU 2278/9278	Global Cancer Epidemiology
GPH-GU 2230	Global Non-Communicable Disease Prev & Control
Emergency Preparedness	
GPH-GU 5150	Emergency Preparedness for Healthcare Organizations
GPH-GU 5210	Global Health Disaster Preparedness & Response
GPH-GU 2345	
GPH-GU 5270	Management of Public Health Disasters
Environmental Health	
GPH-GU 2232	Detection and Control of Waterborne Pathogens
Epidemiological Methods & Application	
GPH-GU 2355	Analysis of Epidemiologic Data Using SAS
GPH-GU 3175	Design, Conduct, and Analysis of Cohort Studies
GPH-GU 3220	Experimental Study Designs in Epidemiology
GPH-GU 2361	Research Methods in Public Health
GPH-GU 2317	Social Epidemiology
Global Health	
GPH-GU 2374	
GPH-GU 2325	Behavioral Communication Strategies for Global Epidemics
GPH-GU 2347	Tackling Global Health Disparities through Implementation Science Research
Infectious Disease Epidemiology	
GPH-GU 2440	Emerging Diseases and Bioterrorism
GPH-GU 5120	HIV/AIDS from a Global Perspective
GPH-GU 2343	HIV/AIDS Public Health Promotion
GPH-GU 2324	Infectious Disease Epidemiology
GPH-GU 2274	Outbreak Epidemiology: Re-emerging and Emerging Infectious Diseases
Nutritional Epidemiology	
GPH-GU 2382	A Systems Approach to Food Access
GPH-GU 2342	Global Issues in Public Health Nutrition
GPH-GU 2344	Maternal and Child Nutrition in Public Health
GPH-GU 2275	Nutrition Epidemiology for Public Health
Special Topics	
GPH-GU 2015	
GPH-GU 2319	Grant Writing to Fund Public Health Research
GPH-GU 2126	Healthcare Claims Data Analysis

GPH-GU 2227	Psychiatric Epidemiology	
GPH-GU 2255	Substance Use and Public Health	
GPH-GU 2160	Qualitative & Field Methods	
GPH-GU 1165	Research Ethics	
Culminating Experience (4 credits)		
<i>Students in the Epidemiology concentration complete an internship and a thesis as part of their culminating MPH experience. The internship is a minimum of 180 hours of practice experience completed prior to enrolling in the Thesis I course. The thesis is completed over two semesters and students register for the following two courses during their second year:</i>		
GPH-GU 2686	Thesis I: Practice and Integrative Learning Experiences	2
GPH-GU 2687	Thesis II: Practice and Integrative Learning Experiences	2
Total Credits		46

Global Health

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Concentration Courses (9 credits)		
<i>All students in the Global Health concentration take the following courses. (Note: online students take the 5000-level version of the courses below).</i>		
GPH-GU 2120	Foundations of Global Health	3
GPH-GU 2220	Accelerating Progress Towards Health-Related SDGs	3
GPH-GU 2380	Data-Driven Decision Making in Global Public Health	3
Elective Courses (15 credits)		
<i>Select 15 credits of public health electives¹</i>		15
Culminating Experience: Applied Practice & Integrative Learning Experience		

Students in the Global Health concentration are required to complete 180 hours of supervised, relevant public health practice in the form of an internship. The qualifying practice experience may be related to students' current employment.

GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2360	Integrative Learning Experience Seminar	2
Total Credits		46

1

All students in the Global Health concentration select 15 credits of public health electives (<https://publichealth.nyu.edu/master-public-health/concentrations/global-health/>).

Public Health Nutrition

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Concentration Courses (18 credits)		
<i>All students in the Public Health Nutrition concentration take the following courses.</i>		
GPH-GU 2213	Public Health Nutrition	3
GPH-GU 2115	Introduction to Principles of Nutrition in Public Health ¹	3
GPH-GU 2342	Global Issues in Public Health Nutrition	3
GPH-GU 2275	Nutrition Epidemiology for Public Health	3
GPH-GU 2218	Assessing Community Health Needs	3
GPH-GU 2361	Research Methods in Public Health	3
Public Health Electives (6 credits)		
<i>Select six credits of public health electives²</i>		6
Culminating Experience		
<i>Students in the Public Health Nutrition concentration complete a minimum of 180 hours of a public health internship, which serves as the culminating experience of the MPH degree.</i>		
GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2360	Integrative Learning Experience Seminar	2
Total Credits		46

1

By permission, students who have nutrition/dietetics degree may waive this course and select an advanced elective of their choice instead.

2

Students may choose any GPH-GU course. Please note that some electives have prerequisites and some are restricted to other MPH concentrations during the first two weeks of the registration period.

Public Health Policy and Management

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 2171		
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Specialization Courses (15 credits)		
<i>Select one of the following Specializations:</i>		15
<i>Public Health Management</i>		
GPH-GU 2294	Designing and Managing Organizations in Public Health	
GPH-GU 2276	Public Health Financial Management	
GPH-GU 2282	Health Economics	
GPH-GU 2292	Public Health Law	
GPH-GU 2248	Teams and Strategy in Public Health Management	
<i>Public Health Policy</i>		
GPH-GU 2294	Designing and Managing Organizations in Public Health	
GPH-GU 2282	Health Economics	
GPH-GU 2155	Public Health Policy	
GPH-GU 2349	Program Planning and Evaluation	
GPH-GU 2292	Public Health Law	
Electives (9 credits)		
<i>Select nine elective credits from the options listed below.</i>		9
Culminating Experience		
<i>Students in the Public Health Policy and Management concentrations complete an internship, inclusive of a seminar course and 180 hours of public health practice experience, and serves as the culminating experience of the MPH degree.</i>		
GPH-GU 2359	Applied Practice Experience Seminar	2

GPH-GU 2360	Integrative Learning Experience Seminar	2
Total Credits		46

Elective Options for Public Health Policy and Management

Course	Title	Credits
GPH-GU 2382	A Systems Approach to Food Access	3
GPH-GU 5220	Accelerating Progress Towards Health-Related SDGs	3
GPH-GU 2154	Adolescent Health and Development	3
GPH-GU 3152	Advanced Agent-Based Modeling	3
GPH-GU 3110	Advanced Public Health Policy & Management	3
GPH-GU 2219	Application of Implementation Science Frameworks to Address Diseases in Global Populations	3
GPH-GU 2372	Applied Bayesian Analysis in Public Health	3
GPH-GU 2368	Applied Survival Analysis	3
GPH-GU 2085	Autonomy, Capacity, and Consent	3
GPH-GU 9220		3
GPH-GU 2265	Climate Change and Global Public Health	3
GPH-GU 2236	Criminalization and Public Health in the U.S.	3
GPH-GU 2242	Crisis and Emergency Risk Communication	3
GPH-GU 2336	Critical Reading of the Biostatistical Literature	3
GPH-GU 5380	Data-Driven Decision-Making in Global Public Health	3
GPH-GU 5232	Disease Elimination and Eradication Strategies for Infectious Diseases in LMICs	3
GPH-GU 2135	Dissemination and Implementation Science in Health Care and Public Health	3
GPH-GU 5150	Emergency Preparedness for Healthcare Organizations	3
GPH-GU 2217	Food Policy for Public Health	3
GPH-GU 2120	Foundations of Global Health	3
GPH-GU 9228	Global Food Policy for Public	3
GPH-GU 2342	Global Issues in Public Health Nutrition	3
GPH-GU 9130	Global Health Diplomacy	3
GPH-GU 5210	Global Health Disaster Preparedness & Response	3
GPH-GU 2312	Global Perspectives on Reproductive Health & Human Rights	3
GPH-GU 2285	Global Women's Health Programs - Analyzing/Evidence to Improve Women's Lives	3
GPH-GU 2205	Gun Violence in America: Public Health, Politics, and Pragmatism	3
GPH-GU 2244	Health Care Management Science	3
GPH-GU 2126	Healthcare Claims Data Analysis	3
GPH-GU 2405	Health Communications: Changing Social Norms in Theory and Practice	3
GPH-GU 2250	Health and Human Rights	3
GPH-GU 3185	Health Services and Policy Research	3
GPH-GU 5210	Global Health Disaster Preparedness & Response	3
GPH-GU 2343/9343	HIV/AIDS Public Health Promotion	3
GPH-GU 3040	Intervention & Prevention Science	3
GPH-GU 2152	Introduction to Agent-Based Modeling	3

GPH-GU 2286	Introduction to Data Management and Statistical Computing	3	GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 2115	Introduction to Principles of Nutrition in Public Health	3	GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
GPH-GU 2145	Introduction to Public Health Systems: Management and Policy Issues	3	Concentration Courses (15 credits)		
GPH-GU 2183	Introduction to Statistical Programming in R	2	<i>All students in the Social and Behavioral Science concentration take the following courses.</i>		
GPH-GU 2184	Intermediate Statistical Programming in R	2	GPH-GU 2160	Qualitative & Field Methods	3
GPH-GU 2224	Introduction to Urban Health and Equity	3	GPH-GU 2361	Research Methods in Public Health	3
GPH-GU 1210	Justice in Health & Healthcare	3	GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3
GPH-GU 2357	LGBTQ Health Disparities	3	GPH-GU 2354	Regression II: Categorical Data Analysis	3
GPH-GU 2480	Longitudinal Analysis of Public Health Data	3	GPH-GU 2960	Theories in Public Health, Practice, Policy & Research	3
GPH-GU 5270	Management of Public Health Disasters	3	Electives		
GPH-GU 5420	Monitoring and Management of Public Health Programs for Equity	3	<i>Select nine elective credits from the options listed below.</i>		
GPH-GU 2275	Nutrition Epidemiology for Public Health	3	Culminating Experience		
GPH-GU 2274	Outbreak Epidemiology: Re-emerging and Emerging Infectious Diseases	3	<i>The culminating experience for students in the Social and Behavioral Sciences concentration consists of: 1) a minimum of 180 hours of a practice experience, completed prior to Thesis I, and 2) a two-semester MPH thesis.</i>		
GPH-GU 5288	Perspectives in Migrant Health & Human Rights	3	GPH-GU 2686	Thesis I: Practice and Integrative Learning Experiences	2
GPH-GU 2345		3	GPH-GU 2687	Thesis II: Practice and Integrative Learning Experiences	2
GPH-GU 2296/5596	Public Health Innovation and Entrepreneurship	3	<hr/>		
GPH-GU 2213	Public Health Nutrition	3	Total Credits		
GPH-GU 3210	Qualitative Analysis: Interviewing and Mixed Methods Approaches	3	46		
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3	Elective Options for Social and Behavioral Sciences		
GPH-GU 2354	Regression II: Categorical Data Analysis	3	Course	Title	Credits
GPH-GU 5410	Results-Focused Strengthening of Health Systems in LMIC Countries	3	GPH-GU 2382	A Systems Approach to Food Access ¹	3
GPH-GU 2022	SAS for Beginners: Data Management and Exploration	1	GPH-GU 5220	Accelerating Progress Towards Health-Related SDGs	3
GPH-GU 2317	Social Epidemiology	3	GPH-GU 2154	Adolescent Health and Development	3
GPH-GU 2387	Survey Design, Analysis, and Reporting	3	GPH-GU 3152	Advanced Agent-Based Modeling	3
GPH-GU 2272	Value-Based Healthcare	3	GPH-GU 2430		
GPH-GU 2319	Grant Writing to Fund Public Health Research	3	GPH-GU 2219	Application of Implementation Science Frameworks to Address Diseases in Global Populations	3

Social and Behavioral Sciences

Note: Online students take the 5000-level version of the degree requirements listed.

Course	Title	Credits
Core Courses (18 credits)		
<i>All students take the following core courses as part of the MPH degree requirements (Note: online students take the 5000-level version of the classes below).</i>		
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0

GPH-GU 2372	Applied Bayesian Analysis in Public Health	3
GPH-GU 2368	Applied Survival Analysis	3
GPH-GU 2218/5218	Assessing Community Health Needs	3
GPH-GU 2325	Behavioral Communication Strategies for Global Epidemics ¹	3
GPH-GU 2235	Biostatistical Consulting	3
GPH-GU 5240	Budgeting for Sustainable Health Returns on Investment	3
GPH-GU 2363	Causal Inference: Design and Analysis	3
GPH-GU 2265	Climate Change and Global Public Health	3
GPH-GU 3260	Complex Systems, Disasters, and the Social Ecology of Health	3
GPH-GU 2242	Crisis and Emergency Risk Communication	3
GPH-GU 2336	Critical Reading of the Biostatistical Literature	3
GPH-GU 5320	Data Utilization in Public Health Practice ¹	3
GPH-GU 2232	Detection and Control of Waterborne Pathogens	3

GPH-GU 5232	Disease Elimination and Eradication Strategies for Infectious Diseases in LMICs	3	GPH-GU 2248	Teams and Strategy in Public Health Management	3
GPH-GU 2135	Dissemination and Implementation Science in Health Care and Public Health	3	GPH-GU 2270	Translating Research to Practice: Adapting and Implementing Evidence-Based Public	3
GPH-GU 5150	Emergency Preparedness for Healthcare Organizations	3	GPH-GU 9252	Urban Health Equity: New York and London - A Comparative Perspective ¹	3
GPH-GU 9228	Global Food Policy for Public ¹	3	GPH-GU 2272	Value-Based Healthcare	3
GPH-GU 9130	Global Health Diplomacy	3	GPH-GU 2319	Grant Writing to Fund Public Health Research	3
GPH-GU 5210	Global Health Disaster Preparedness & Response	3			
GPH-GU 2342	Global Issues in Public Health Nutrition	3			
GPH-GU 5312	Global Perspectives in Reproductive Health & Human Rights	3			
GPH-GU 2285	Global Women's Health Programs - Analyzing/ Evidence to Improve Women's Lives ¹	3			
GPH-GU 2205	Gun Violence in America: Public Health, Politics, and Pragmatism	3			
GPH-GU 2250/5250	Health and Human Rights ¹	3			
GPH-GU 2244	Health Care Management Science	3			
GPH-GU 2405/5405	Health Communications: Changing Social Norms in Theory and Practice	3			
GPH-GU 2282	Health Economics	3			
GPH-GU 2126	Healthcare Claims Data Analysis	3			
GPH-GU 5120	HIV/AIDS from a Global Perspective ¹	3			
GPH-GU 2343	HIV/AIDS Public Health Promotion ¹	3			
GPH-GU 2324	Infectious Disease Epidemiology	3			
GPH-GU 2450	Intermediate Epidemiology	3			
GPH-GU 3040	Intervention & Prevention Science	3			
GPH-GU 2152	Introduction to Agent-Based Modeling	3			
GPH-GU 2183	Introduction to Statistical Programming in R	2			
GPH-GU 2224	Introduction to Urban Health and Equity	3			
GPH-GU 2357	LGBTQ Health Disparities	3			
GPH-GU 2344	Maternal and Child Nutrition in Public Health	3			
GPH-GU 5288	Perspectives in Migrant Health & Human Rights ¹	3			
GPH-GU 2349	Program Planning and Evaluation	3			
GPH-GU 2227	Psychiatric Epidemiology	3			
GPH-GU 2225	Psychometric Measurement and Analysis in Public Health Research and Practice	3			
GPH-GU 2345	¹	3			
GPH-GU 2296/5296	Public Health Innovation and Entrepreneurship	3			
GPH-GU 3210	Qualitative Analysis: Interviewing and Mixed Methods Approaches	3			
GPH-GU 5410	Results-Focused Strengthening of Health Systems in LMIC Countries ¹	3			
GPH-GU 1165	Research Ethics	3			
GPH-GU 2317	Social Epidemiology	3			
GPH-GU 2512	Special Topics: Applied Spatial Statistics for Public Health	1			
GPH-GU 3225	Statistical Inference	3			
GPH-GU 2225	Psychometric Measurement and Analysis in Public Health Research and Practice	3			
GPH-GU 2347	Tackling Global Health Disparities through Implementation Science Research ¹	3			

¹

Global Health options.

Sample Plan of Study

See below for full- and part-time sample plans specific to each concentration.

Biostatistics

Full-Time

Course	Title	Credits
1st Semester/Term		
GPH-GU 2106	Epidemiology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2286	Introduction to Data Management and Statistical Computing	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2184	Intermediate Statistical Programming in R	2
Credits		2
3rd Semester/Term		
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12
4th Semester/Term		
GPH-GU 2686	Thesis I: Practice and Integrative Learning Experiences	2
GPH-GU 2354	Regression II: Categorical Data Analysis	3
GPH-GU 2387	Survey Design, Analysis, and Reporting	3
Group A Elective ³		3
Credits		11
5th Semester/Term		
GPH-GU 2687	Thesis II: Practice and Integrative Learning Experiences	2
GPH-GU 2480	Longitudinal Analysis of Public Health Data	3
Group B Electives ³		1-3
Group B Elective ³		1-3
Group B Elective ³		1-3
Credits		9
Total Credits		46

1

Students who did not take GPH-GU 2183 Introduction to Statistical Programming in R do not need to take this course.

2

Students who take GPH-GU 2184 Intermediate Statistical Programming in R may take this course next year.

3

Students may take a Group A or B elective in either semester; Group A does not need to be taken in the Fall.

Part-Time

Course	Title	Credits
1st Semester/Term		
GPH-GU 2106	Epidemiology	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		6
2nd Semester/Term		
GPH-GU 2153	Global Environmental Health	3
GPH-GU 5190	Essentials of Public Health Biology	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		6
3rd Semester/Term		
GPH-GU 2286	Introduction to Data Management and Statistical Computing	3
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
Credits		6
4th Semester/Term		
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3
GPH-GU 2480	Longitudinal Analysis of Public Health Data	3
Credits		6
5th Semester/Term		
GPH-GU 2354	Regression II: Categorical Data Analysis	3
GPH-GU 2387	Survey Design, Analysis, and Reporting	3
Credits		6
6th Semester/Term		
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2480	Longitudinal Analysis of Public Health Data	3
Credits		6
7th Semester/Term		
GPH-GU 2686	Thesis I: Practice and Integrative Learning Experiences	2
Group A Elective		3
Credits		5
8th Semester/Term		
GPH-GU 2687	Thesis II: Practice and Integrative Learning Experiences	2
Group B Elective		1-3
Group B Elective		1-3
Credits		5
Total Credits		46

Community Health Science and Practice Full-Time

Note: Online students take the 5000-level version of the courses below.

Course	Title	Credits
1st Semester/Term		
GPH-GU 2190	Essentials of Public Health Biology ¹	3
GPH-GU 2106	Epidemiology	3
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2361	Research Methods in Public Health	3
GPH-GU 2415	Community-Based Health Interventions	3
GPH-GU Elective		3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12
3rd Semester/Term		
GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2218	Assessing Community Health Needs	3
GPH-GU 2349	Program Planning and Evaluation	3
GPH-GU Elective		3
Credits		11
4th Semester/Term		
GPH-GU 2360	Integrative Learning Experience Seminar	2
GPH-GU 2270	Translating Research to Practice: Adapting and Implementing Evidence-Based Public	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU Elective		3
Credits		11
Total Credits		46

1

Please note that students who have a clinical background (e.g. MD, MBBS, RN, BSN, DO, DDS, PA, DVM) may waive this course (in-person or online) and instead take an additional elective. If you will be waiving the class, be sure to let your academic advisor know.

Part-Time

Note: There is flexibility in the timing of electives but prerequisites for all courses need to be considered if a different sequence is followed.

Four-Year Sequence

Course	Title	Credits
1st Semester/Term		
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2106	Epidemiology	3
GPH-GU 2171		
GPH-GU 2175		
Credits		6
2nd Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5

GPH-GU 2180		
GPH-GU 2185	Readings in the History and Philosophy of Public Health III	0
Credits		6
3rd Semester/Term		
GPH-GU 2190	Essentials of Public Health Biology ¹	3
GPH-GU 2153	Global Environmental Health	3
Credits		6
4th Semester/Term		
GPH-GU 2361	Research Methods in Public Health	3
GPH-GU 2415	Community-Based Health Interventions	3
Credits		6
5th Semester/Term		
GPH-GU 2218	Assessing Community Health Needs	3
GPH-GU 2349	Program Planning and Evaluation	3
Credits		6
6th Semester/Term		
Elective		3
Elective		3
Credits		6
7th Semester/Term		
Internship Fieldwork		
Credits		0
8th Semester/Term		
GPH-GU 2359	Applied Practice Experience Seminar	2
Elective		3
Credits		5
9th Semester/Term		
GPH-GU 2360	Integrative Learning Experience Seminar	2
GPH-GU 2270	Translating Research to Practice: Adapting and Implementing Evidence-Based Public	3
Credits		5
Total Credits		46

1

Please note that students who have a clinical background (e.g. MD, MBBS, RN, BSN, DO, DDS, PA, DVM) may waive this course (in-person or online) and instead take an additional elective. If you will be waiving the class, be sure to let your academic advisor know.

Three-Year Sequence

Course	Title	Credits
1st Semester/Term		
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2106	Epidemiology	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 2175		
Credits		6
2nd Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2361	Research Methods in Public Health	3
GPH-GU 2180		
GPH-GU 2185	Readings in the History and Philosophy of Public Health III	0
Credits		6
3rd Semester/Term		
GPH-GU 2218	Assessing Community Health Needs	3
GPH-GU 2349	Program Planning and Evaluation	3
GPH-GU 2190	Essentials of Public Health Biology ¹	3
Credits		9
4th Semester/Term		
GPH-GU 2110	Health Care Policy	1.5

GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2415	Community-Based Health Interventions	3
Elective		3
Credits		9
5th Semester/Term		
Internship Fieldwork		
Credits		0
6th Semester/Term		
GPH-GU 2153	Global Environmental Health	3
Elective		3
GPH-GU 2359	Applied Practice Experience Seminar	2
Credits		8
7th Semester/Term		
GPH-GU 2360	Integrative Learning Experience Seminar	2
GPH-GU 2270	Translating Research to Practice: Adapting and Implementing Evidence-Based Public	3
Elective		3
Credits		8
Total Credits		46

1

Please note that students who have a clinical background (e.g. MD, MBBS, RN, BSN, DO, DDS, PA, DVM) may waive this course (in-person or online) and instead take an additional elective. If you will be waiving the class, be sure to let your academic advisor know.

Environmental Public Health Sciences Full-Time

Course	Title	Credits
1st Semester/Term		
GPH-GU 2106	Epidemiology	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2265	Climate Change and Global Public Health	3
GPH-GU 5140	Global Issues in Social and Behavioral Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2280	Environmental Health Assessments and Interventions	3
GPH-GU 2220	Accelerating Progress Towards Health-Related SDGs	3
GPH-GU 5210	Global Health Disaster Preparedness & Response	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12
3rd Semester/Term		
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2359	Applied Practice Experience Seminar	2
Elective		3
Credits		11
4th Semester/Term		
GPH-GU 2360	Integrative Learning Experience Seminar	2
Elective		3
Elective		3

Elective	3
Credits	11
Total Credits	46

Note: Please be advised that the culminating applied practice experience for all concentrations will be revised beginning Fall 2017 and will be effective for students who matriculate in that term.

Epidemiology Full-Time

Course	Title	Credits
1st Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2106	Epidemiology	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3
GPH-GU 2450	Intermediate Epidemiology	3
GPH-GU 2153	Global Environmental Health	3
Elective		3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12
3rd Semester/Term		
GPH-GU 2686	Thesis I: Practice and Integrative Learning Experiences	2
GPH-GU 2930	Epidemiological Methods and Design	3
GPH-GU 2354	Regression II: Categorical Data Analysis	3
Elective		3
Credits		11
4th Semester/Term		
GPH-GU 2687	Thesis II: Practice and Integrative Learning Experiences	2
GPH-GU 2225	Psychometric Measurement and Analysis in Public Health Research and Practice	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
Elective		3
Credits		11
Total Credits		46

Part-Time

The following is a sample part-time 4-year sequence. Students should work with their advisor on mapping out a sequence if they plan on doing the program over the course of 3 years or 5-6 years.

Course	Title	Credits
1st Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2106	Epidemiology	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		6
2nd Semester/Term		
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3

GPH-GU 2450	Intermediate Epidemiology	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		6
3rd Semester/Term		
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2930	Epidemiological Methods and Design	3
Credits		6
4th Semester/Term		
GPH-GU 2225	Psychometric Measurement and Analysis in Public Health Research and Practice	3
Elective		3
Credits		6
5th Semester/Term		
GPH-GU 2930	Epidemiological Methods and Design	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
Credits		6
6th Semester/Term		
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
Credits		6
7th Semester/Term		
Summer Semester: Complete fieldwork hours for Thesis requirement.		
Credits		0
8th Semester/Term		
GPH-GU 2686	Thesis I: Practice and Integrative Learning Experiences	2
Elective		3
Credits		5
9th Semester/Term		
GPH-GU 2687	Thesis II: Practice and Integrative Learning Experiences	2
Elective		3
Credits		5
Total Credits		46

Global Health

Full-Time

Note: online students take the 5000-level version of the courses below

Course	Title	Credits
1st Semester/Term		
GPH-GU 2106	Epidemiology	3
GPH-GU 2120	Foundations of Global Health	3
GPH-GU 5380	Data-Driven Decision-Making in Global Public Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5220	Accelerating Progress Towards Health-Related SDGs	3
Elective		3
Elective		3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12

3rd Semester/Term

GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
Elective		3
GPH-GU 2359	Applied Practice Experience Seminar	2
Credits		11

4th Semester/Term

GPH-GU 2153	Global Environmental Health	3
Elective		3
Elective		3
GPH-GU 2360	Integrative Learning Experience Seminar	2
Credits		11
Total Credits		46

Spring Start

Note: Online students take the 5000-level version of the courses below

Course	Title	Credits
1st Semester/Term		
GPH-GU 5106	Epidemiology	3
GPH-GU 5121	Foundations of Global Health	3
GPH-GU 2220	Accelerating Progress Towards Health-Related SDGs	3
GPH-GU 5140	Global Issues in Social and Behavioral Health	3
Credits		12

2nd Semester/Term

GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 5380	Data-Driven Decision-Making in Global Public Health	3
GPH-GU 2190	Essentials of Public Health Biology	3
Elective		3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12

3rd Semester/Term

GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2153	Global Environmental Health	3
Elective		3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		11

4th Semester/Term

GPH-GU 2360	Integrative Learning Experience Seminar	2
Elective		3
Elective		3
Elective		3
Credits		11
Total Credits		46

Public Health Nutrition**Full-Time**

Course	Title	Credits
1st Semester/Term		
GPH-GU 2106	Epidemiology	3
GPH-GU 2115	Introduction to Principles of Nutrition in Public Health	3
GPH-GU 5190	Essentials of Public Health Biology	3
GPH-GU 2140	Global Issues in Social & Behavioral Health	3

GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12

2nd Semester/Term

GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2213	Public Health Nutrition	3
GPH-GU 2361	Research Methods in Public Health	3
GPH-GU 2342	Global Issues in Public Health Nutrition	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12

3rd Semester/Term

GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2218	Assessing Community Health Needs	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
Elective		3
Credits		11

4th Semester/Term

GPH-GU 2360	Integrative Learning Experience Seminar	2
GPH-GU 2275	Nutrition Epidemiology for Public Health	3
GPH-GU 2153	Global Environmental Health	3
Elective		3
Credits		11
Total Credits		46

Spring Start

Course	Title	Credits
1st Semester/Term		
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 5106	Epidemiology	3
GPH-GU 2213	Public Health Nutrition	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
Credits		12

2nd Semester/Term

GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 2361	Research Methods in Public Health	3
GPH-GU 2115	Introduction to Principles of Nutrition in Public Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12

3rd Semester

GPH-GU 5359	Applied Practice Experience	2
GPH-GU 2342	Global Issues in Public Health Nutrition	3
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2275	Nutrition Epidemiology for Public Health	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		11

4th Semester/Term

GPH-GU 5360	Integrative Learning Experience	2
GPH-GU 2218	Assessing Community Health Needs	3
Elective		3

Elective	3
Credits	11
Total Credits	46

Public Health Policy and Management Management Specialization

Two-Year Sequence

Course	Title	Credits
1st Semester/Term		
GPH-GU 2910	Biological Basis for Public Health	3
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2276	Public Health Financial Management	3
GPH-GU 2294	Designing and Managing Organizations in Public Health	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12
3rd Semester/Term		
180 hours of public health practice		
Credits		0
4th Semester/Term		
GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2349	Program Planning and Evaluation	3
Elective		3
Elective		3
Credits		11
5th Semester/Term		
GPH-GU 2360	Integrative Learning Experience Seminar	2
GPH-GU 2282	Health Economics	3
GPH-GU 2292	Public Health Law	3
Elective		3
Credits		11
Total Credits		46

Policy Specialization

Two-Year Sequence

Course	Title	Credits
1st Semester/Term		
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2106	Epidemiology	3
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2153	Global Environmental Health	3

GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2294	Designing and Managing Organizations in Public Health	3
GPH-GU 2155	Public Health Policy	3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12
3rd Semester/Term		
180 hours of public health practice		
Credits		0
4th Semester/Term		
GPH-GU 2359	Applied Practice Experience Seminar	2
GPH-GU 2349	Program Planning and Evaluation	3
Elective		3
Elective		3
Credits		11
5th Semester/Term		
GPH-GU 2360	Integrative Learning Experience Seminar	2
GPH-GU 2282	Health Economics	3
GPH-GU 2292	Public Health Law	3
Elective		3
Credits		11
Total Credits		46

Social and Behavioral Sciences Full-Time

Course	Title	Credits
1st Semester/Term		
GPH-GU 2995	Biostatistics for Public Health	3
GPH-GU 2106	Epidemiology	3
GPH-GU 2190	Essentials of Public Health Biology	3
GPH-GU 2140	Global Issues in Social & Behavioral Health	3
GPH-GU 5171	Global Public Health Informatics	0
GPH-GU 5175	Readings in the History and Philosophy of Public Health I	0
Credits		12
2nd Semester/Term		
GPH-GU 2153	Global Environmental Health	3
GPH-GU 2353	Regression I: Linear Regression and Modeling (3).	3
GPH-GU 2361	Research Methods in Public Health	3
Elective		3
GPH-GU 5180	Readings in The History & Philosophy of Public Health II	0
GPH-GU 5185	Readings in the History & Philosophy of Public Health III	0
Credits		12
3rd Semester/Term		
GPH-GU 2686	Thesis I: Practice and Integrative Learning Experiences 1	2
GPH-GU 2960	Theories in Public Health, Practice, Policy & Research	3
GPH-GU 2160	Qualitative & Field Methods	3
GPH-GU 2354	Regression II: Categorical Data Analysis	3
Credits		11
4th Semester/Term		
GPH-GU 2687	Thesis II: Practice and Integrative Learning Experiences	2
GPH-GU 2110	Health Care Policy	1.5
GPH-GU 2112	Public Health Management and Leadership	1.5
Elective		3

Elective	3
Credits	11
Total Credits	46

1

Includes 180 hours of public health practice (may also be done in the spring semester).

Part-Time

Students completing the Social and Behavioral Sciences concentration on a part-time basis should meet with their advisors to map out a course plan based on the number of credits they would like to take each semester and the number of years they intend to take to complete the degree. Note: all students have a maximum of 6 years to complete the MPH requirements.

Learning Outcomes

MPH Foundational Competencies

All MPH graduates must demonstrate the following competencies. These competencies are informed by the traditional public health core knowledge areas, (biostatistics, epidemiology, social and behavioral sciences, health services administration and environmental health sciences), as well as cross-cutting and emerging public health areas.

Evidence-based Approaches to Public Health

1. Apply epidemiological methods to settings and situations in public health practice.
2. Select quantitative and qualitative data collection methods appropriate for a given public health context.
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate.
4. Interpret results of data analysis for public health research, policy or practice.

Public Health & Health Care Systems

5. Compare the organization, structure and function of health care, public health, and regulatory systems across national and international settings.
6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community, and systemic levels.

Planning & Management to Promote Health

7. Assess population needs, assets and capacities that affect communities' health.
8. Apply awareness of cultural values and practices to the design, implementation, or critique of public health policies or programs.
9. Design a population-based policy, program, project or intervention.
10. Explain basic principles and tools of budget and resource management.
11. Select methods to evaluate public health programs.

Policy in Public Health

12. Discuss the policy-making process, including the roles of ethics and evidence.
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.
14. Advocate for political, social or economic policies and programs that will improve health in diverse populations.
15. Evaluate policies for their impact on public health and health equity.

Leadership

16. Apply leadership and/or management principles to address a relevant issue.
17. Apply negotiation and mediation skills to address organizational or community challenges.

Communication

18. Select communication strategies for different audiences and sectors.
19. Communicate audience-appropriate (i.e., non-academic, non-peer audience) public health content, both in writing and through oral presentation.
20. Describe the importance of cultural competence in communicating public health content.

Interprofessional Practice

21. Integrate perspectives from other sectors and/or professions to promote and advance population health.

Systems Thinking

22. Apply a systems thinking tool to visually represent a public health issue in a format other than a standard narrative.

Biostatistics Concentration

- Apply descriptive and inferential methodologies according to the type of study design for answering a particular research question.
- Harness basic concepts of probability, random variation and commonly used statistical probability distributions.
- Distinguish among the different measurement scales and the implications for selection of statistical methods to be used based on these distinctions.
- Implement the appropriate analytic methods for calculating key measures of association.
- Understand and apply ethical principles to data acquisition, management, storage, sharing, and analysis
- Interpret results of statistical analyses found in public health research studies.
- Utilize relevant statistical software for data analysis.

Community Health Science and Practice Concentration

- Gather and analyze community health data to identify and prioritize issues for program planning that promotes community health
- Apply a social ecological framework to the assessment of behavioral, social, cultural, economic, environmental and institutional factors that contribute to health among diverse populations
- Apply a social ecological framework to identify evidence-based interventions that promote population and community health
- Apply a social ecological framework to the planning and evaluation of population-based intervention strategies to improve health and reduce inequities.
- Adapt and implement evidence-based strategies to promote healthy communities and health equity
- Design strategies to engage community stakeholders and to develop community partnerships for population-based health programs

Environmental Public Health Sciences Concentration

- Describe the origin and pathways of contaminants in the environment and the mechanisms through which they are introduced
- Identify the direct and indirect effects of environmental hazards on humans and ecological systems
- Assess the qualitative and quantitative aspects of exposure, dose response, and risk characterization of environmental agents
- Critically evaluate, synthesize, and interpret scientific findings in the environmental health literature, including relevant topics in epidemiology, toxicology, engineering, and medicine
- Specify approaches for assessing, preventing, and controlling environmental hazards that pose risk to human health and safety
- Define the role and impact of national and international environmental health regulatory programs, agencies, and organizations

Epidemiology Concentration

- 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.

Global Health Concentration

- Describe the major players in global health governance and institutions that conduct health/public health policy research and analysis
- Perform strategic assessment and evaluation to analyze factors shaping individual and institutional behaviors and measure their impact.
- Identify relevant sources for quantitative and qualitative data to analyze the global burden of disease.
- Analyze causes, risk factors, interventions, and bottlenecks for the global burden of disease in different contexts.
- Identify cost-effective interventions, strategies, and platforms to accelerate context specific progress towards the health related SDGs.
- Advocate for cost-effective policies and strategies to accelerate progress towards the health related SDGs.
- Develop investment cases for maximum health returns on investment of intervention policies, implementation and financing strategies.

Public Health Nutrition Concentration

- Identify and assess diet and nutritional status related health problems, of both undernutrition and over-nutrition, among diverse population groups in the United States and globally
- Describe the social, cultural, economic, environmental, and institutional factors that contribute to the risk of undernutrition and over-nutrition among populations

- Compare and contrast educational, community, institutional, and other population-based intervention strategies to improve nutritional health status, decrease food insecurity and reduce obesity
- Analyze and assess policies aimed at increasing access and reducing barriers to food insecurity and improved national health status in diverse population groups
- Apply evidence-based research findings to the development and implementation of nutrition policies, programs, and interventions in the United States and globally

Public Health Policy and Management Concentration

Health Policy:

- Analyze the main components and challenges in the organization, financing and delivery of health care and public health services
- Describe the legal basis for public health and health services
- Apply principles of leadership and management to work with and across organizations, sectors and agencies
- Discuss processes for developing and implementing policies and programs to improve the health status of populations, especially vulnerable groups
- Evaluate public policies and programs that promote health and health equity

Management:

- Analyze the main components and challenges in the organization, financing and delivery of health care and public health services
- Describe the legal basis for public health and health services
- Apply principles of leadership and management to work with and across organizations, sectors and agencies
- Apply the principles and tools of budgeting and resource management to improve the performance of public health and health care delivery organizations
- Apply principles of strategic management to public health

Social and Behavioral Sciences Concentration

- Critically assess the literature related to social and behavioral aspects of health
- Explain major theories, trends, and debates in the social and behavioral sciences literature regarding health
- Assess the means by which structural bias & social inequities undermine health & create challenges to achieving health equity at the behavioral, community & societal levels
- Apply the methods and analytic tools of social and behavioral science to design, implement, and analyze evaluation or research studies
- Apply ethical principles to public health research and evaluation
- Disseminate research findings to diverse audiences

About MPH Core Competencies

The NYU MPH program uses an adaption of the MPH Core Competency model developed by the Association of Schools and Programs of Public Health (ASPPH). Our curriculum uses this model as a foundation for ensuring that our graduates are well-prepared to enter rewarding

careers in public health. Read More. (<https://nyu.app.box.com/s/fij7won72o4dc8eerkqqkg14xrdbypr/>)

Policies

NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

School of Global Public Health Policies

A list of related academic policies can be found on the School of Global Public Health academic policies page (<https://bulletins.nyu.edu/graduate/global-public-health/academic-policies/>).