

# HEALTH SCIENCE & PUBLIC HEALTH, BS/MS

**Campus:** NYC, Westchester

The **BS in Health Science/MPH in Global Health Equity** combined degree program is designed for students seeking an accelerated pathway to careers in public health leadership, policy, and practice. This program allows students to complete both degrees within five years, reducing both time to graduation and overall tuition costs while preparing graduates to address critical public health challenges at the local and global levels.

Students are encouraged to declare interest in this combined degree program as early as freshman year, but before beginning their junior year to ensure proper course sequencing. To continue to the Public Health program, students must complete the following by the end of Junior year:

- Complete all prerequisite courses for the Public Health program
- Maintain a cumulative GPA above 3.0
- Apply for admission and be accepted to the Public Health program

Requirement	Credits
University Core Requirements	44
Major Requirements	36
Open Electives	26-36
<b>Total Credits</b>	<b>120</b>

## University Core Requirements (44 credits)

See complete University Core (<https://catalog.pace.edu/undergraduate/university-core-curriculum/>) requirements.

Code	Title	Credits
<b>University Core</b>		44
<b>Foundation Requirements</b>		19-30
ENG 110	Composition	3
ENG 120	Critical Writing	4
ENG 201	Writing in the Disciplines	3-4
COM 200	Public Speaking	3
MAT 134	Introduction to Probability and Statistics	3
Foundation Science w/ Lab (rec. BIO 123)		4
CS 121	Introduction to Computer Science	3-4
or TS 105	Computers for Human Empowerment	
or CIS 101	Introduction to Computing	
Foreign Language Requirement		6
<b>Area of Knowledge (AOK minimum 15 Credits)</b>		
See web class schedule for list of approved courses		
Western Heritage (WH) (formerly AOK 2) SOC 102		3
World Cultures & Traditions (WCT) (formerly AOK 3)		3
Humanistic & Creative Expression (HCE) (formerly AOK 4)		3
Analysis of Human, Social & Natural Phenomena (HS) (formerly AOK 5) PSY 112		4
One Additional Course from WH, WCT, HCE, or HSN		
<b>In Depth Sequence (in either PSY or POL)</b>		9-12
PSY 205	Statistics in Psychology and Allied Fields	3-4
or POL 101	Politics: Comparative Introduction	
PSY 209	Health Psychology	3
or POL 209	Leadership and Advocacy	
PSY 304	Social Psychology	3-4
or POL 222	Issues in Public Policy	
<b>Required Learning Experiences <sup>1</sup></b>		
One Learning Community (LC 2 linked courses or INT Course)		
One Civic Engagement/Public Values (CE) (formerly AOK 1)		

Two Anti-Racism Education Courses (ARE)

Two Writing Enhancement Course (WEC) (Required HSC 300)

**Major Requirements (39 Credits)**

Code	Title	Credits
<b>Required Core</b>		
<b>Health Science Requirements</b>		
HSC 100	Health Care Ethics	3
HSC 110	Introduction to Health Promotion and Disease Prevention	3
HSC 200	Health Care for Diverse Populations	3
HSC 210	Health Care Policy	3
HSC 300	Genetics in Health Care	3
HSC 205	Health Informatics and Telehealth	3
HSC 305	Introduction to Epidemiology and Evidence-Based Practice	3
HSC 400	Leadership and Management in Health Care	3
HSC 480	Capstone Project I	3
HSC 481	Capstone Project II	3
<b>Major Concentration - Health Policy &amp; Advocacy (15 Credits)</b>		
HSC 310	History of Health Care Systems	3
POL 111	American Government and Political Institutions	3
HSC 325	Patient Education and Advocacy	3
HSC 335	Health Policy: The Current State of Affairs	3
HSC 420	Current Issues in Healthcare Delivery	3

**Open Electives (26-36 Credits)**

Code	Title	Credits
UNV 101	First-Year Seminar: Introduction to University Community	1
<b>First Year MPH Program</b>		
PH 600	Introduction to Global Health Equity and Social Justice	0
PH 601	Principles of Epidemiology	3
PH 602	Social and Behavioral Determinants of Health	3
PH 610	Health Policy and Systems Reform	3
PH 620	Interprofessional Leadership for Health Promotion	3

<sup>1</sup> All Can Be Satisfied by Core, Major, or Open Electives

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
UNV 101	First-Year Seminar: Introduction to University Community <sup>1</sup>	1
HSC 110	Introduction to Health Promotion and Disease Prevention	3
ENG 110	Composition	3
CHP 105	Introduction to Nutrition	3
SOC 102	Introduction to Sociology	3
PSY 112	Introduction to Psychology	4
<b>Credits</b>		<b>17</b>
<b>Spring</b>		
HSC 100	Health Care Ethics	3
ENG 120	Critical Writing	4
CIS 101	Introduction to Computing	3
POL 111	American Government and Political Institutions	3
BIO 123	Biology and Contemporary Society	0-4
<b>Credits</b>		<b>13-17</b>

**Second Year****Fall**

HSC 200	Health Care for Diverse Populations	3
HSC 210	Health Care Policy	3
HSC 300	Genetics in Health Care	3
Core: In-depth Sequence 1		3-4
Core: Language Requirement I		3

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<b>Credits</b>	<b>15-16</b>
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**Spring**

HSC 205	Health Informatics and Telehealth	3
HSC 305	Introduction to Epidemiology and Evidence-Based Practice	3
HSC 310	History of Health Care Systems	3
Core: In-depth Sequence 2		3-4
Core: Language Requirement II		3

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<b>Credits</b>	<b>15-16</b>
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**Third Year****Fall**

HSC 325	Patient Education and Advocacy	3
HSC 335	Health Policy: The Current State of Affairs	3
MAT 134	Introduction to Probability and Statistics	3
ENG 201	Writing in the Disciplines	3
Core: In-Depth Sequence 3		3-4

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<b>Credits</b>	<b>15-16</b>
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**Spring**

HSC 420	Current Issues in Healthcare Delivery	3
COM 200	Public Speaking	3
Core: Additional AOK (2, 3, 4, 5)		3
Core: AOK 3		3
General Elective		3

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<b>Credits</b>	<b>15</b>
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**Fourth Year****Fall**

PH 600	Introduction to Global Health Equity and Social Justice	0
PH 601	Principles of Epidemiology	3
HSC 400	Leadership and Management in Health Care	3
HSC 480	Capstone Project I	3
Core: AOK 4		3

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<b>Credits</b>	<b>12</b>
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**Spring**

PH 602	Social and Behavioral Determinants of Health	3
PH 610	Health Policy and Systems Reform	3
PH 620	Interprofessional Leadership for Health Promotion	3
HSC 481	Capstone Project II	3
General Elective		3

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<b>Credits</b>	<b>15</b>
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**Fifth Year****Fall**

<b>Students accepted to the MPH program will complete the following courses in Year 5 as a graduate student in the MPH Program</b>	<b>30</b>
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PH 605	Vector-Borne and Zoonotic Human Disease	
PH 612	Statistical Inference in Public Health	
PH 615	Global Environmental Health and Justice	

PH 701	Foundations of Social Epidemiology	
PH 702	Research Methods in Public Health	
PH 705	Pathways & Interventions for Health Inequities	
PH 710	Policy Analysis for Global Health Equity	
PH 890	Applied Practice Experience	
PH 891	Integrated Learning Experience	
MPH Elective 1		
MHP Elective 2		
<b>Credits</b>		<b>30</b>
<b>Total Credits</b>		<b>147-154</b>

<sup>1</sup> UNV 101 is required for first-year students but does not count toward degree completion.