

**Program Director:**

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**Mission:**

The mission of the Global Health Design, Monitoring and Evaluation (GH-DME) Program is to prepare the next generation of global health professionals to implement, monitor, and evaluate global health programs and initiatives. These skills will ensure that students are able to contribute to improved global health program performance, and make evidence based decisions for investment of scarce resources to improve global health outcomes.

**Goals:**

The goals of the Global Health Design, Monitoring and Evaluation Program are to prepare students to be skilled evaluators and practitioners who know how to:

- Utilize the full range of evaluation design options to generate the best evidence on how well a program is working and why
- Strengthen the methodological rigor of evaluation and program implementation
- Use theory to ground program design, implementation, and evaluation
- Generate and use data for management decision-making
- Translate evidence into implementation improvements and policy recommendations.

**Global Health Program Design, Monitoring, and Evaluation Program Competencies:**

By the end of their MPH program, students should be able to:

- 1. Apply multi-disciplinary perspectives to identify, analyze, and address global health challenges.**

Relevant courses:

- PUBH 6003 Principles and Practice of Epidemiology
- PUBH 6007 Social and Behavioral Approaches to Health
- PUBH 6022 Managing Organizations and Influencing Systems in Public Health
- PUBH 6047 Systematic reviews to synthesize evidence in public health practice
- PUBH 6400 Global Health Frameworks
- PUBH 6410 Global Health Study Design
- PUBH 6435 Global Health Program Design and Implementation

**2. Distinguish between qualitative and quantitative methods and select the appropriate method depending on the specific research or programmatic need.**

Relevant courses:

- PUBH 6002 Biostatistical Applications in Public Health
- PUBH 6003 Principles and Practice of Epidemiology
- PUBH 6410 Global Health Study Design
- PUBH 6412 Global Health Quantitative Research Methods
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**3. Interpret and critique research and best practices to inform the development of evidence-based solutions for global health challenges.**

Relevant courses:

- PUBH 6003 Principles and Practice of Epidemiology
- PUBH 6007 Social and Behavioral Approaches to Health
- PUBH 6047 Systematic reviews to synthesize evidence in public health practice
- PUBH 6400 Global Health Frameworks
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**4. Communicate public health evidence on global health topics to a variety of audiences, such as technical experts, policymakers, lay audiences, and other relevant stakeholders.**

Relevant courses:

- PUBH 6022 Managing Organizations and Influencing Systems in PH
- PUBH 6047 Systematic reviews to synthesize evidence in public health practice
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**5. Identify and address the ethical issues of global health programs, policies and research.**

Relevant courses:

- PUBH 6416 Ethical and Cultural Issues in Global Health Research and Programs
- PUBH 6423 Ethics in Public Health Practice and Policy
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**6. Engage with diverse individuals, organizations, and communities with respect for different**

**values, beliefs and practices.**

Relevant courses:

- PUBH 6021 Leading Self and Teams in Public Health
- PUBH 6416 Ethical and Cultural Issues in Global Health Research and Programs
- PUBH 6423 Ethics in Public Health Practice and Policy
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**7. Explain multilevel determinants of problems in Global Health and the basis for strategies and interventions.**

Relevant courses:

- PUBH 6007 Social and Behavioral Approaches to Health
- PUBH 6022 Managing Organizations and Influencing Systems in PH
- PUBH 6400 Global Health Frameworks
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**8. Describe the governance and institutional landscape of global health.**

Relevant courses:

- PUBH 6400 Global Health Frameworks

**9. Demonstrate professionalism in practice, research and in communication activities.**

Relevant courses:

- PUBH 6021 Leading Self and Teams in Public Health
- PUBH 6410 Global Health Study Design
- PUBH 6416 Ethical and Cultural Issues in Global Health Research and Programs
- PUBH 6423 Ethics in Public Health Practice and Policy
- PUBH 6435 Global Health Program Design and Implementation

**10. Utilize epidemiological data, program theory, programmatic evidence, and health systems and policy contextual information for the design of effective global health interventions and programs, as well as their monitoring and evaluation.**

Relevant courses:

- PUBH 6400 Global Health Frameworks
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**11. Compare and select monitoring frameworks and evaluation methods according to specified purposes for each.**

Relevant courses:

- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**12. Identify frameworks for the design of culturally acceptable and contextually feasible global health interventions and evaluations.**

Relevant courses:

- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs

**13. Apply research, leadership, and communication skills to support the design, implementation, evidence and policy cycle.**

Relevant courses:

- PUBH 6021 Leading Self and Teams in Public Health
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs
- PUBH 6410 Global Health Study Design
- PUBH 6412 Global Health Quantitative Research Method

# Milken Institute School of Public Health

THE GEORGE WASHINGTON UNIVERSITY

Department of Global Health

## Master of Public Health Global Health Program Design, Monitoring, and Evaluation

Program-at-a-Glance

2022-2023

Begin Planning Your Culminating Project 11-12 Months Prior to Program Completion

### Required Core Courses (17 credits)

Course#	Required Core Course	Credits	Semesters Offered		Grade
			Residential	Online	
PUBH 6002	Biostatistical Applications for Public Health	3	Fall, Sp, Sum	all	
PUBH 6003	Principles and Practice of Epidemiology	3	Fall, Sp, Sum	all	
PUBH 6007	Social and Behavioral Approaches to Public Health	2	Fall, Sp, Sum	all	
PUBH 6011	Environmental and Biological Foundations of Public Health	3	Fall, Sp, Sum	all	
PUBH 6012	Fundamentals of Health Policy: Public Health and Healthcare	2	Fall, Sp, Sum	all	
PUBH 6021	Essentials of Public Health Practice and Leadership I: Leading Self and Teams in Public Health	1	Fall, Sp, Sum	all	
PUBH 6022	Essentials of Public Health Practice and Leadership II: Managing Organizations and Influencing Systems in PH Prerequisite: PUBH 6021	1	Fall, Sp, Sum	all	
PUBH 6023	Interprofessional Education Experience Prerequisite: all core courses	0	Fall, Sp, Sum	n/a	
PUBH 6418	GH Culminating Experience I: Proposal Development (Prerequisite: 6002, 6003, 6400, 6416 OR 6423, 6435, 6412; co-requisite: 6501)	1	Fall, Sp, Sum	n/a	
PUBH 6419	GH Culminating Experience II Prerequisite 6418	1	Fall, Sp, Sum	n/a	
PUBH 6000	MPH Applied Practice Experience (Prerequisite: 6002, 6003, 6021, 6400, 6416 OR 6423, 6435, 6412, 6501)	0	Fall, Sp, Sum	n/a	
<b>Total</b>	<b>Core Credits</b>	<b>17</b>			

Course #	Required Departmental Courses (13 credit)	Credits	Semesters Offered		Grade
			Residential	Online	
PUBH 6400	Global Health Frameworks	2	Fall	Fall, Sp	
PUBH 6410	Global Health Study Design Prerequisites: PUBH 6003	1	Fall, Sp		
PUBH 6412	Global Health Quantitative Research Methods Prerequisite: PUBH 6002	3	Sp, Sum		
PUBH 6416 <b>OR</b> PUBH 6423	Ethical & Cultural Issues in Global Health Research & Programs <b>OR</b> Ethics in Public Health Practice and Policy	1	Fall, Sp, Sum		
PUBH 6435	Global Health Program Design and Implementation	2	Sp, Sum		
PUBH 6501	Evaluation of Health Promotion and Disease Prevention Programs (Prerequisites: PUBH 6002, PUBH 6003, PUBH 6007 and PUBH 6435)	3	Fall, Sp		
PUBH 6047	Systematic Reviews to Synthesize Evidence in Public Health Practice (Prerequisites: PUBH 6002, PUBH 6003; 6410 Highly Recommended)	1	Fall		
<b>Selective Courses (choose at least 6 credits (more highly recommended) from the following); other skills based courses can be counted with approval from program director</b>					
PUBH 6411	Global Health Qualitative Research Methods	2	Sp, Sum		
PUBH 6436	Global Health Program Management and Leadership	2	Fall, Sum		
PUBH 6440	Global Health Economics and Finance	2	Spring		
PUBH 6495	Field Trial Methods and Application Prerequisites: PUBH 6002, 6003, 6400	2	Fall		
PUBH 6445	Quantitative Methods for Impact Evaluation Prerequisites: PUBH 6002, 6412, 6501 (co-requisite)	3	Fall		
PUBH 6489	Evaluation of Nutrition Programs and Policies	1	Summer	Fall, Sp	
PUBH 6508	Cost-Effectiveness Analysis of Health Promotion Interventions	3	Fall, Sp II		
PUBH 6399	Topics: Cost-Benefit Analysis in Health Care <i>only</i>	2	Spring		

Updated  
February 2022

PUBH 6493	Fundamentals of Supply Chain Management in Developing Countries	2	Spring		
PUBH 6466	Health Financing in Low- and Middle-Income Countries	2	Spring		
PUBH 6494	Population, Public Health Practice, and Sustainable Development	2	Fall		
<b>9 credits of elective courses. Any PUBH course can apply.</b>					
<b>Total</b>	Total credits for MPH	<b>45</b>			

## Graduation Requirements

1. **Graduate Credit Requirement:** 45 graduate credits are required.
2. **Course Requirements:** Successful completion of the Core Courses and the Program-Specific Courses are required.
3. **Practicum Requirement:** Students are required to fulfill all requirements of the Applied Practice Experience. to receive credit for PUBH 6000.
4. **Interprofessional Education Experience (IPE):** Students are required to enroll, participate, and complete an authorized IPE activity (PUBH 6023).
5. **Grade Point Requirement:** A 3.0 (B average) overall grade point average is required.
6. **Time Limit Requirement:** The degree must be completed within five years.
7. **Transfer Credit Policy:** Up to 12 graduate credits that have not been applied to a previous degree may be transferred to the MPH upon approval. Credits must have been earned from an accredited institution in the last 3 years with a grade point of 3.0 or better.
8. **CITI Training requirement:** All students are required to complete training regarding human subject protection regulation and the Health Insurance Portability and Accountability Act of 1996 (HIPAA). To fulfill this requirement, you must complete the Collaborative IRB Training Initiative (CITI) Course in The Protection of Human Research Subjects.
9. **Integrity Quiz & Plagiarism requirement:** All students are required to review the George Washington University Code of Academic Integrity and take the quiz within their first semester of study. The Code of Integrity and step-by-step instructions can be found here:  
<http://publichealth.gwu.edu/integrity>
10. **Professional Enhancement requirement:** Students must participate in 8 hours per degree program of advisor pre-approved Public Health-related lectures, seminars, and symposia, related to your field of study. Students must submit documentation of Professional Enhancement activities to the Office of Student Records. The documentation consists of the Professional Enhancement Form  
<http://publichealth.gwu.edu/academics/forms>



**The Department of Global Health**  
**Global Health Program Design, Monitoring, and Evaluation (DME) MPH Program**  
**Advising Notes and Course Sequencing Examples**

We provide some general guidelines and then three potential course-sequencing options.. There are other alternative schedules so please work with the DME program director to develop a course map that works for you. Timelines and priorities vary by student. It is ultimately up to each student and their advisor to determine the best timeline for courses, the practical hours, and the Culminating Experience. Many students opt to register and complete their Culminating Experience (PUBH 6419) during their second summer session. DME students with limited international experience are highly encouraged to spend a full semester overseas for their practicum. Classes are also offered at different times during different semesters which may also influence when you are able to take a class. Remember, to graduate in two years you must take classes during the summer.

The following are advising tips relating to course sequencing:

- All global health students must take PUBH 6400-*Global Health Frameworks* during their first fall semester. In their first semester, student should also take PUBH 6002 *Biostatistical Applications*. If you are confident in your quantitative skills, you are also encouraged to take 6003 Principles and Practice of Epidemiology. If you are less comfortable with these skills, you should delay 6003 until your second semester.
- Methods courses have precise sequencing:
  - PUBH 6412-*GH Quantitative Research Methods* has a prerequisite of PUBH 6002.
  - PUBH 6496 *Field Trial Methods* requires PUBH 6400, 6002 and 6003.
  - PUBH 6445 *Quantitative Methods for Impact Evaluation* requires 6002 and 6412, and 6501 is a pre- or co-requisite.
  - PUBH 6410 *Global Health Study Design* requires PUBH 6003.
  - PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs requires PUBH 6002, 6003, 6007 and 6435
  - PUBH 6047 Systematic reviews to synthesize evidence in public health practice requires 6002 and 6003, with 6410 strongly encouraged.
- We strongly encourage you to take PUBH 6412-GH Quantitative Methods before or concurrently with PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs.
- You must take the following courses **prior** to completing your 120 hour practicum (APEX):
  - PUBH 6002 Biostatistical Applications for Public Health,
  - PUBH 6003 Principles and Practice of Epidemiology,
  - PUBH 6400 Global Health Frameworks,
  - PUBH 6412 GH Quantitative Research Methods,
  - Ethics course (PUBH 6516 or PUBH 6243)
  - PUBH 6435 GH Program Dev and Implementation, and
  - PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs; Note: you may take 6022 before completing these courses.
- The Culminating Experience (PUBH 6418 and 6419) are typically completed in your final two semesters.

- Please double check pre-requisites for elective courses.

### **IPE/APE<sub>x</sub>**

As an accredited School of Public Health, students in all GWSPH MPH programs are also required to fulfill both an interprofessional team experience and an applied practice experience. GWSPH has incorporated these requirements into the curriculum as follows:

#### **Interprofessional Education (IPE) Experience (PUBH 6023):**

MPH students are required to select an IPE experience from a host of options provided throughout enrollment to participate in a one-time, case-based or activity-based learning experience. The IPE experience is a way to actively participate in a supervised environment to work with people from other professions/programs outside of public health. Students are eligible to enroll in the IPE upon successful completion of most of the MPH core coursework including: PUBH 6002, 6003, 6007, 6011, 6012 and 6021. Students will have many opportunities to register for this zero-credit (no fee) IPE course (PUBH 6023- Interprofessional Education Experience) and will receive credit upon successful completion. See <https://publichealth.gwu.edu/content/interprofessional-education-gwsph>.

#### **Applied Practice Experience (Practicum & EPR) (PUBH 6000):**

The Applied Practice Experience (APE<sub>x</sub>) may be satisfied with either a practicum or, for experienced public health professionals, through an expedited portfolio review (EPR). The practicum is a planned, supervised, and evaluated practice experience that aims to provide students with an opportunity to synthesize, integrate, and apply practical skills, knowledge, and training learned through courses, to gain applied experience in a professional public health work environment, and to work on public health practice projects that are of particular interest to you.

Information about the Practicum will be introduced through school-wide Practicum Information Sessions held by the Office of Applied Public Health and through meetings with your department practicum staff and faculty. During the practicum, you will work at least 120 hours in the field under the supervision of the site preceptor who has agreed to directly supervise the work you are conducting. Students are required to fulfill all requirements of the 120-hour practicum to receive credit for PUBH 6000.

If you have had prior work experience, then you will find that the practicum provides the opportunity to hone skills or to gain new experience in a different area. However, if you have substantial public health experience relevant to your department/track, including 5+ years of full-time public health work for students after receiving your undergraduate degree, or 3+ years of full-time work for students who already have a graduate degree prior to beginning the MPH, then you may be able to satisfy the APE<sub>x</sub> requirement through an EPR instead of doing the practicum, with advanced approval by your department's practicum team.

- Note: before completing the 120 hours practicum experience Global Health PDME students must fulfill the following pre-requisites: 6002, 6003, 6021, 6400, 6412, 6416 or 6423, 6435, 6501.

**Three possible course maps are shown below. There are many additional variations of selective/electives so please work with your advisor to choose what aligns with your interests. If you are a part time student please discuss further with the Program Director.**

Example 1: Research Methods Focused Track

1 <sup>st</sup> year Fall		1 <sup>st</sup> year Spring		1 <sup>st</sup> year Summer	
	Credits		Credits		Credits
6400 Global Health Frameworks	2	6011 Environmental and Biological Foundations of Public Health	3	6012 Fundamentals of Health Policy: Public Health and Healthcare	2
6002 Biostatistical Applications for Public Health	3	6435 GH Program Dev. and Implementation	2	6411 Global Health Qualitative Research Methods (Selective)	2
6003 Principles and Practice of Epidemiology	3	6412 GH Quantitative Research Methods	3	Elective(s)	2
6021 Leading Self and Teams in Public Health	1	Elective(s)	2		
6007 Social & Behavioral Approaches to Health	2	Ethics requirement (6416 or 6243)	1		
<b>Total semester credits</b>	<b>11</b>	<b>Total semester credits</b>	<b>11</b>	<b>Total semester credits</b>	<b>6</b>
2 <sup>nd</sup> year Fall		2 <sup>nd</sup> year Spring		2 <sup>nd</sup> year Summer	
6495 Field Trial Methods and Application (Selective)	2	6419 GH Culminating Experience II	1	Students often opt to work on their Culminating Experience over the summer	
6501 Program Evaluation	3	Elective(s)	2		
6445 Quantitative Methods for Impact Evaluation (Elective)	3	6023 Interprofessional Education Experience	0		
6410 Global Health Study Design	1	6440 Global Health Economics and Finance (Selective)	2		
6022 Managing Organizations and Influencing Systems in PH	1				
6418 GH Culminating Experience I	1				
6047 Systematic Reviews to synthesize evidence in public health practice	1				
<b>Total semester credits</b>	<b>12</b>	<b>Total semester credits</b>	<b>5</b>	<b>Total semester credits</b>	<b>0</b>

Example 2: NGO Program Officer Focused Track

1 <sup>st</sup> year Fall		1 <sup>st</sup> year Spring		1 <sup>st</sup> year Summer	
	Credits		Credits		Credits
6400 Global Health Frameworks	2	Ethics requirement (6416 or 6243)	1	6412 GH Quantitative Research Methods	3
6002 Biostatistical Applications for Public Health	3	6435 GH Program Dev. and Implementation	2	6411 Global Health Qualitative Research Methods (selective)	2
6011 Environmental and Biological Foundations of Public Health	3	6003 Principles and Practice of Epidemiology	3	6012 Fundamentals of Health Policy: Public Health and Healthcare	2
6021 Leading Self and Teams in Public Health	1	6440 Global Health Economics and Finance (Selective)	2		
6007 Social & Behavioral Approaches to Health	2	Elective(s)	2		
		6022 Managing Organizations and Influencing Systems in PH	1		
<b>Total semester credits</b>	<b>11</b>	<b>Total semester credits</b>	<b>11</b>	<b>Total semester credits</b>	<b>7</b>
2 <sup>nd</sup> year Fall		2 <sup>nd</sup> year Spring		2 <sup>nd</sup> year Summer	
6436 Global Health Program Management (Selective)	2	6419 GH Culminating Experience II	1	Students often opt to work on their Culminating Experience over the summer	
6501 Program Evaluation	3	Elective(s)	3		
Elective(s)	4	6023 Interprofessional Education Experience	0		
6410 Global Health Study Design	1				
6418 GH Culminating Experience I	1				
6047 Systematic Reviews to synthesize evidence in public health practice	1				
<b>Total semester credits</b>	<b>12</b>	<b>Total semester credits</b>	<b>4</b>	<b>Total semester credits</b>	<b>0</b>

Example 3: Part-time student schedule. This schedule is recommended for part-time students. We recommend that students who will be working full-time attend the program part-time.

1 <sup>st</sup> year Fall		1 <sup>st</sup> year Spring		1 <sup>st</sup> year Summer	
	Credits		Credits		Credits
6400 Global Health Frameworks	2	6003 Principles and Practice of Epidemiology	3	6007 Social & Behavioral Approaches to Health	2
6002 Biostatistical Applications for Public Health	3	6435 GH Program Dev. and Implementation	2	6011 Environmental and Biological Foundations of Public Health	3
6021 Leading Self and Teams in Public Health	1	Ethics requirement (6416 or 6243)	1		
<b>Total semester credits</b>	<b>6</b>	<b>Total semester credits</b>	<b>6</b>	<b>Total semester credits</b>	<b>5</b>
2 <sup>nd</sup> year Fall		2 <sup>nd</sup> year Spring		2 <sup>nd</sup> year Summer	
Selective course	2	6412 GH Quantitative Research Methods	3	6022 Managing Organizations and Influencing Systems in PH	1
6012 Fundamentals of Health Policy: Public Health and Healthcare	2	6501 Program Evaluation	3	Elective(s)	3
Elective(s)	2				
<b>Total semester credits</b>	<b>6</b>	<b>Total semester credits</b>	<b>6</b>	<b>Total semester credits</b>	<b>4</b>
3 <sup>rd</sup> year Fall		3 <sup>rd</sup> year Spring		3 <sup>rd</sup> year Summer	
6410 Global Health Study Design	1	6419 GH Culminating Experience II	1		
Selective Course	2	Elective(s)	3		
Elective(s)	2	Selective Course	2		
6418 GH Culminating Experience I	1	6023 Interprofessional Education Experience	0		
<b>Total semester credits</b>	<b>6</b>	<b>Total semester credits</b>	<b>6</b>		