

Program Director:

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Mission:

The mission of the Global Health Design, Monitoring and Evaluation Program is to prepare the next generation of global health professionals to implement and evaluate global health programs and initiatives, to contribute to improved global health program performance, and better decisions and policies for investment of scarce resources for effective program implementation, all based on rigorous evidence, that will improve the health and well-being of populations in low and middle income settings abroad and within the United States.

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, how it is working, and why
- Work within real-world confines to strengthen 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:

PROGRAM COMPETENCIES

Department Competencies

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

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

Relevant courses:

- PubH 6400 Global Health Frameworks
- PubH 6410 Global Health Study Design
- PubH 6411 Global Health Qualitative Research Methods

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

Relevant courses:

- PubH 6411 Global Health Qualitative Research Methods
- PubH 6412 Global Health Quantitative Research Methods

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

Relevant courses:

- PubH 6400 Global Health Frameworks
- PubH 6410 Global Health Study Design
- PubH 6412 Global Health Quantitative Research Methods

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 6431 Global Health Quantitative Research Methods

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

6. Engage with diverse individuals, organizations, and communities with respect for different values, beliefs and practices.

Relevant courses:

- PubH 6416 Ethical and Cultural Issues in Global Health Research and Programs

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

Relevant courses:

- PubH 6400 Global Health Frameworks

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 6410 Global Health Study Design
- PubH 6411 Global Health Qualitative Research Methods
- PubH 6416 Ethical and Cultural Issues in Global Health Research and Programs

Program-Specific Competencies:

1. 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 6435 Global Health Program Design and Implementation
- PubH 6501 Evaluation of Health Promotion and Disease Prevention Programs

2. 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

3. 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

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

Relevant courses:

- PubH 6435 Global Health Program Design and Implementation
- PubH 6436 Global Health Program Management and Leadership

**Department of Global Health
Global Health Program Design, Monitoring, and Evaluation
MPH
Program Requirements 2016-2017**

Course Number	Course Name	Credits	Semester Offered	Grade
REQUIRED SPH CORE COURSES				
PubH 6001	Biological Concepts for Public Health	2	Fall, Spring, Summer I	
PubH 6002	Biostatistical Applications for Public Health	3	Fall, Spring, Summer 10 wk	
PubH 6003	Principles and Practice of Epidemiology	3	Fall, Spring, Summer 10 wk	
PubH 6004	Environmental and Occupational Health in a Sustainable World	2	Fall, Spring, Summer I	
PubH 6006	Management and Policy Approaches to Public Health	2	Fall, Spring, Summer 10 wk	
PubH 6007	Social and Behavioral Approaches to Public Health	2	Fall, Spring, Summer I	
Total	Core Credits	15		
REQUIRED PROGRAM SPECIFIC COURSES				
Required Global Health departmental courses				
PubH 6400	Global Health Frameworks	2	Fall	
PubH 6410	Global Health Study Design	2	Fall, Spring	
PubH 6411	Global Health Qualitative Research Methods	2	Spring, Summer	
PubH 6412	Global Health Quantitative Research Methods	3	Spring, Summer	
PubH 6416	Ethical and Cultural Issues in Global Health Research and Programs	1	Fall, Spring	
Total	Total DGH Credits	10		
Required Program Design, Monitoring, and Evaluation program courses				
PubH 6435	Global Health Design and Implementation	2	Spring, Summer	

PubH 6501	Evaluation of Health Promotion and Disease Prevention Programs	3	Fall, Spring	
PubH 6436	Global Health Program Management and Leadership	2	Summer, Fall	
Total	Required DME Program Credits	7		
ELECTIVE COURSES				
A minimum of 4 credits from the following:				
PubH 6437	Global Health Case Study Methods for Evaluation	2	Spring	
PubH 6440	Global Health Economics and Finance	2	Spring	
PubH 6442	Comparative Health Systems	2	Fall	
PubH 6441	Global Health Organizations and Regulations	3	Fall	
PubH 6262	Introduction to Geographical Information Systems	1	Fall, Spring, Summer	
PubH 6263	Advanced Geographical Information Systems	1	Fall, Spring, Summer	
ANTH 6505	Medical Anthropology	3	Spring	
PubH 6340	Health Economics and Finance	3	Fall, Spring	
PubH 6352	Basics of Health Economics for Policy	1	Fall	
A minimum of 5 credits from the following:				
PubH 6480	Public Health in Complex Emergencies	2	Fall	
PubH 6481	Global Mental Health	2	Spring	
PubH 6482	International Nutrition and Food Policy	2	Spring	
PubH 6484	Prevention and Control of Vector Borne Diseases	2	Fall	
PubH 6485	Prevention and Control of Water and Sanitation Diseases	1	Summer	
PubH 6132	WASH/Disaster Relief Management and Development	1	Fall	
PubH 6250	Epidemiology of HIV/AIDS	2	Fall	

PubH 6xxx	Any SPH or GWU course(s) with advisor's approval via petition	1-3	Fall, Spring, Summer	
Total	Total Elective Credits	9		
PRACTICUM AND CULMINATING EXPERIENCE				
PubH 6014.14	Practicum	2	Fall, Spring, Summer	
PubH 6015.14	Culminating Experience	2	Fall, Spring, Summer	
Total	Practicum and Culminating Experience	4		
TOTAL	DEGREE CREDITS	45		

**The Department of Global Health
Global Health Program Design, Monitoring and Evaluation (DME) MPH Program
Course Mapping Examples
2015-2016**

Below are two potential course-sequencing options. If students follow one of these two course maps, they will be able to complete their MPH in 5 semesters. Students who do not strictly follow one of these maps may run into course scheduling conflicts. Please talk to your advisor about which option is best for you. 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
- Methods courses have precise sequencing: PubH 6411-GH Qualitative Research Methods and PubH 6412-GH Quantitative Research Methods should be taken simultaneously. Both courses have two prerequisites: PubH 6002 and PubH 6410.

The Global Health Program Design Monitoring and Evaluation program contains a total of 9 elective credits that must be chosen from the list of elective courses, provided in the program guide. Elective courses are often offered once per year, so students should plan which courses to take in advance. The 'Elective Course(s)' credits listed in the below course maps indicate the suggested distribution of these elective credits, but students can choose to distribute them however they feel fit. Students are advised to work with their advisor when deciding on electives.

Option 1: Beginning DME concentration courses in spring semester:

1 st year Fall		1 st year Spring		1 st year Summer	
	Credits		Credits		Credits
6400 Global Health Frameworks	2	6003 Principles and Practice of Epidemiology	3	6001 Biological Concepts for Public Health	2
6002 Biostatistical Applications for Public Health	3	6435 GH Program Dev. and Implementation	2	6006 Management and Policy Approaches to Public Health	3
6410 Global Health Study Design	2	6411 GH Qualitative Research Methods	2	6007 Social & Behavioral Approaches to Health	2
6416 Ethical and Cultural Issues in GH Research	1	6412 GH Quantitative Research Methods	3	Elective Course	1
6004 Environmental and Occupational Health	2	Elective Course(s)	2		
Total semester credits	10	Total semester credits	12	Total semester credits	8
2 nd year Fall		2 nd year Spring		2 nd year Summer	
6436 Global Health Program Management	2	6015 Culminating Experience*	2	*Students often opt to work on their Culminating Experience over the summer	
6501 Evaluation of Health Promotion and Disease Prevention Programs	3	6014 Practicum	2		
Elective Courses	6				
Total semester credits	11	Total semester credits	4	Total semester credits	2

Option 2: Beginning DME concentration courses in summer semester

1 st year Fall		1 st year Spring		1 st year Summer	
	Credits		Credits		Credits
6400 Global Health Frameworks	2	6410 Global Health Study Design	2	6411 GH Qualitative Research Methods	2
6002 Biostatistical Applications for Public Health	3	6416 Ethical and Cultural Issues in GH Research	1	6412 GH Quantitative Research Methods	3
6004 Environmental and Occupational Health	2	6001 Biological Concepts for Global Health	2	6435 GH Program Dev. and Implementation	2
6003 Principles and Practice of Epidemiology	3	6007 Social and Behavioral Approaches	2		
		6006 Policy and Management Approaches	3		
		Elective Course(s)	2		
Total semester credits	10	Total semester credits	12	Total semester credits	7
2 nd year Fall		2 nd year Spring		2 nd year Summer	
6436 Global Health Program Management	2	6015 Culminating Experience*	2	*Students often opt to work on their Culminating Experience over the summer	
6501 Evaluation of Health Promotion and Disease Prevention Programs	3	6014 Practicum	2		
Elective Courses	7				
Total semester credits	12	Total semester credits	4	Total semester credits	

*Timelines and priorities vary by student. It is ultimately up to each student and their advisor to determine the best timeline for courses, the Practicum, and the Culminating Experience. Many students opt to register and complete their Culminating Experience (PubH 6015) during their second summer session.