

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 6001 Biological Concepts for Public Health
- PUBH 6003 Principles and Practice of Epidemiology
- PUBH 6004 Environmental and Occupational Health in a Sustainable World
- PUBH 6006 Management & Policy Approaches to Public Health

- PUBH 6007 Social and Behavioral Approaches to Health
- 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 OR PUBH 6437 Global Health Program Evaluation

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 6400 Global Health Frameworks
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs OR PUBH 6437 Global Health Program Evaluation

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 6001 Biologic Concepts for Public Health
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs OR PUBH 6437 Global Health Program Evaluation

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

Relevant courses:

- PUBH 6001 Biologic Concepts for Public Health
- PUBH 6416 Ethical and Cultural Issues in Global Health Research and Programs
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs OR PUBH 6437 Global Health Program Evaluation

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
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs OR PUBH 6437 Global Health Program Evaluation

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

Relevant courses:

- PUBH 6001 Biologic Concepts for Public Health
- PUBH 6004 Environmental and Occupational Health in a Sustainable World
- PUBH 6006 Management & Policy Approaches to Public Health
- PUBH 6007 Social and Behavioral Approaches to Health
- PUBH 6400 Global Health Frameworks
- PUBH 6435 Global Health Program Design and Implementation
- PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs OR PUBH 6437 Global Health Program Evaluation

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 6416 Ethical and Cultural Issues in Global Health Research and Programs
- 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 OR PUBH 6437 Global Health Program Evaluation

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 OR PUBH 6437 Global Health Program Evaluation

13. 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 6501 Evaluation of Health Promotion and Disease Prevention Programs OR PUBH 6437 Global Health Program Evaluation
- PUBH 6410 Global Health Study Design
- PUBH 6412 Global Health Quantitative Research Methods

Please make sure to follow the program guide for the academic year in which you matriculated into the program.

Milken Institute School of Public Health

THE GEORGE WASHINGTON UNIVERSITY

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

Program-at-a-Glance
2018-2019

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

Required Core Courses (15 credits)

| Required Core Course | | Credits | Semester Offered | Grade |
|----------------------|--|---------|----------------------------|-------|
| 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 & Occupational Health in a Sustainable World | 2 | Fall, Spring, Summer I | |
| PUBH 6006 | Management & Policy Approaches to Public Health | 3 | Fall, Spring, Summer 10 wk | |
| PUBH 6007 | Social and Behavioral Approaches to Public Health | 2 | Fall, Spring, Summer I | |

Required Global Health Departmental Courses (13 credits)

| | | | | |
|------------------------------|---|---|---------------------------------------|--|
| PUBH 6400 | Global Health Frameworks | 2 | Fall | |
| PUBH 6410 | Global Health Study Design | 2 | Fall, Spring | |
| PUBH 6412 | Global Health Quantitative Research Methods (prerequisite: PUBH 6002) | 3 | Spring, Summer | |
| PUBH 6416 | Ethical & Cultural Issues in Global Health Research & Programs | 1 | Fall, Spring | |
| PUBH 6435 | Global Health Program Design and Implementation | 2 | Spring, Summer | |
| PUBH 6501 OR PUBH 6437 | Evaluation of Health Promotion and Disease Prevention Programs OR Global Health Program Evaluation (online course) | 3 | Fall, Spring, Summer (online only) | |

Selective Courses (choose at least 6 credits from the following)

| | | | | |
|-----------|---|---|----------------|--|
| PUBH 6411 | Global Health Qualitative Research Methods | 2 | Spring, Summer | |
| PUBH 6436 | Global Health Program Management and Leadership | 2 | Fall, Summer | |
| PUBH 6440 | Global Health Economics and Finance | 2 | Spring | |
| PUBH 6445 | Quantitative Methods for Impact Evaluation (prerequisite: PUBH 6002, PUBH 6003, PUBH 6412) | 2 | Fall | |
| PUBH 6488 | Cost Effectiveness Analysis for Public Health | 2 | Spring | |
| PUBH 6495 | Field Trial Methods and Application (prerequisite: PUBH 6002, PUBH 6003) | 2 | Fall | |

Elective Courses (choose at least 7 credits from the following)

| | | | | |
|-----------|---|---|--------|--|
| PUBH 6441 | Global Health Organizations and Regulations | 3 | Fall | |
| PUBH 6442 | Comparative Health Systems | 2 | Fall | |
| 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 6489 | Evaluation of Nutrition Program and Policies | 1 | Summer | |

| | | | | |
|---|---|-----------|----------------------|--|
| PUBH 6132 | WASH/Disaster Relief Management and Development | 2 | Fall | |
| PUBH 6250 | Epidemiology of HIV/AIDS | 2 | Fall | |
| PUBH 6262 | Introduction to Geographical Information Systems | 1 | Fall, Spring, Summer | |
| PUBH 6263 | Advanced Geographical Information Systems | 1 | Fall, Spring, Summer | |
| PUBH 6xxx | Any PUBH graduate level course may be substituted for an elective course above. Other course(s) require advisor's advanced approval | 1-3 | Fall, Spring, Summer | |
| Practicum and Culminating Experience (4 credits) | | | | |
| PUBH 6014 | Practicum | 2 | Fall, Spring, Summer | |
| PUBH 6015 | Culminating Experience | 2 | Fall, Spring, Summer | |
| Total | | 45 | | |

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

Below are three potential course-sequencing options. If students follow one of these three course maps, they will be able to complete their MPH in 5-6 semesters. 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 Practicum, and the Culminating Experience. Many students opt to register and complete their Culminating Experience (PUBH 6015) during their second summer session. DME students with limited international experience are highly encouraged to spend a full semester overseas for their practicum.

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 6412-GH Quantitative have two prerequisites: PUBH 6002 and PUBH 6410. PUBH 6495 Field Trial Methods and Application requires PUBH 6002 and 6003. PUBH 6445 Quantitative Methods for Impact Evaluation requires 6002, 6003 and 6412.
- We strongly encourage you to take PUBH6435-GH Program Design and Evaluation before you take PUBH 6501 Evaluation of Health Promotion and Disease Prevention Programs or PUBH 6437 Global Health Program Evaluation.
- 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 or PUBH 6437 Global Health Program Evaluation.
- You must take the following courses **prior** to completing your practicum (PUBH 6014): PUBH 6002 Biostatistical Applications for Public Health, PUBH 6003 Principles and Practice of Epidemiology, PUBH 6400 Global Health Frameworks, PUBH 6410 Global Health Study Design, PUBH 6412 GH Quantitative Research Methods, PUBH 6416 Ethical and Cultural Issues in GH Research, PUBH 6435 GH Program Dev. and Implementation, and PUBH 6501/PUBH 6437 Evaluation of Health Promotion and Disease Prevention Programs OR Global Health Program Evaluation.
- The Culminating Experience (PUBH 6015) is typically completed in your final semester.

We propose three possible schedules below. There are three of many possibilities. If you are a part time student please discuss further with the Program Director.

Example 1: Research Methods Focused Track

| 1 st year Fall | | 1 st year Spring | | 1 st year Summer | |
|--|-----------|---|-----------|--|----------|
| | Credits | | Credits | | Credits |
| 6400 Global Health Frameworks | 2 | 6004 Environmental & Occupational Health in a Sustainable World | 2 | 6437 Program Evaluation | 3 |
| 6002 Biostatistical Applications for Public Health | 3 | 6435 GH Program Dev. and Implementation | 2 | 6411 Global Health Qualitative Research Methods | 2 |
| 6410 Global Health Study Design | 2 | 6412 GH Quantitative Research Methods | 3 | Elective | 1 |
| 6416 Ethical and Cultural Issues in GH Research | 1 | 6440 Global Health Economics and Finance | 2 | | |
| 6003 Principles and Practice of Epidemiology | 3 | 6001 Biological Concepts for Public Health | 2 | | |
| Total semester credits | 11 | Total semester credits | 11 | Total semester credits | 6 |
| 2 nd year Fall | | 2 nd year Spring | | 2 nd year Summer | |
| 6006 Management and Policy Approaches to Public Health | 3 | 6015 Culminating Experience* | 2 | Students often opt to work on their Culminating Experience over the summer | |
| 6495 Field Trial Methods and Application | 2 | 6014 Practicum | 2 | | |
| 6007 Social & Behavioral Approaches to Health | 2 | Elective Courses | 2 | | |
| 6445 Quantitative Methods for Impact Evaluation | 2 | | | | |
| Elective Courses | 2 | | | | |
| Total semester credits | 11 | Total semester credits | 6 | Total semester credits | 0 |

Example 2: NGO Program Officer Focused Track

| 1 st year Fall | | 1 st year Spring | | 1 st year Summer | |
|--|-----------|---|-----------|--|----------|
| | Credits | | Credits | | Credits |
| 6400 Global Health Frameworks | 2 | 6004 Environmental & Occupational Health in a Sustainable World | 2 | 6006 Management and Policy Approaches to Public Health | 3 |
| 6002 Biostatistical Applications for Public Health | 3 | 6435 GH Program Dev. and Implementation | 2 | 6411 Global Health Qualitative Research Methods | 2 |
| 6410 Global Health Study Design | 2 | 6412 GH Quantitative Research Methods | 3 | Elective | 1 |
| 6416 Ethical and Cultural Issues in GH Research | 1 | 6001 Biological Concepts for Public Health | 2 | | |
| 6003 Principles and Practice of Epidemiology | 3 | 6488 Cost Effectiveness Analysis for Public Health | 2 | | |
| Total semester credits | 11 | Total semester credits | 11 | Total semester credits | 6 |
| 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 | |
| 6437 or 6501 Program Evaluation | 3 | 6014 Practicum | 2 | | |
| 6007 Social & Behavioral Approaches to Health | 2 | Elective Courses | 2 | | |
| Elective Courses | 4 | | | | |
| Total semester credits | 11 | Total semester credits | 6 | Total semester credits | 0 |

Example 3: Economics Focused Track

| 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 | 6437: Evaluation | 3 |
| 6410 Global Health Study Design | 2 | 6412 GH Quantitative Research Methods | 3 | Elective | 1 |
| 6416 Ethical and Cultural Issues in GH Research | 1 | 6440 Global Health Economics and Finance | 2 | | |
| 6004 Environmental & Occupational Health in a Sustainable World | 2 | | | | |
| Total semester credits | 10 | Total semester credits | 10 | Total semester credits | 6 |
| 2 nd year Fall | | 2 nd year Spring | | 2 nd year Summer | |
| 6006 Management and Policy Approaches to Public Health | 3 | Elective Courses | 4 | 6015 Culminating Experience* | 2 |
| 6455 Quantitative Methods for Impact Evaluation | 2 | 6014 Practicum | 2 | | |
| 6007 Social & Behavioral Approaches to Health | 2 | 6488 Cost Effectiveness Analysis for Public Health | 2 | | |
| Elective Courses | 2 | | | | |
| Total semester credits | 9 | Total semester credits | 8 | Total semester credits | 2 |