

EVALUATION: INTERNATIONAL HEALTH PROGRAMS, CERTIFICATE

Evaluation: International Health Programs OVERVIEW

The certificate program is intended for current master's and doctoral students at JHU planning to work in the field of monitoring and evaluation (M&E) in low- and middle-income countries.

EDUCATIONAL OBJECTIVES

Upon completion of the certificate program, individuals will be able to:

1. Evaluate health programs from conception, planning, and design through data collection, interpretation, and analysis in low-and-middle-income settings;
2. Create impact models for health programs that reflect program assumptions and the available evidence on intervention effectiveness;
3. Critically evaluate the advantages and disadvantages of various evaluation designs for a given health program;
4. Identify threats to internal and external validity in program evaluation, and develop a plan to mitigate or document these threats;
5. Design, implement, and manage data collection activities to measure program inputs, processes, outputs, outcomes, and impacts in low and middle-income settings;
6. Critically assess the quality of existing data on program inputs, processes, outputs, outcomes and impacts, and determine whether these data can be used in the evaluation of a health program in low- and middle-income settings; and
7. Analyze, interpret, and use program evaluation data to improve program implementation.

ADMISSIONS

Certificate contact information and complete admissions information are available on the Bloomberg School's certificate program page (<https://publichealth.jhu.edu/academics/evaluation-international-health-programs-certificate-program/>).

REQUIREMENTS FOR SUCCESSFUL COMPLETION

The certificate program requires a minimum of 20 term credits. All required and elective courses must be taken for a letter grade if a letter grade is an option. Students must earn a minimum letter grade of C in each certificate course, and maintain a GPA of 2.75 or higher for the certificate courses. All courses must be completed within a three-year period.

The student should review the section of the website that addresses completion (<https://publichealth.jhu.edu/academics/certificate-programs/requirements-for-successful-completion-of-a-certificate-program/>) before completing certificate program requirements. The student's transcripts will not indicate that the certificate was earned until the Notification of Completion form has been submitted, verified by

the certificate program, and processed by the School of Public Health Registrar.

COURSE OF STUDY

Students should check the BSPH course directory (<https://www.jhsph.edu/courses/>) to confirm when the courses are offered. Students should also check for prerequisites and whether instructor consent is required.

Code	Title	Credits
PH.550.860	Academic & Research Ethics at BSPH (All students are required to complete this noncredit online course in their first term of study)	

Required Courses: Students are required to complete 4 core courses (14 credits required)

PH.221.645	Large-scale Effectiveness Evaluations of Health Programs (typically offered onsite in 2nd term)	4
PH.223.632	Methods for Planning and Implementing Evaluations of Large-Scale Health Programs in Low and Middle income Countries (typically offered onsite in 4th term)	4
PH.223.866	Special Topics in Program Evaluation in International Health (typically offered onsite in 3rd term)	1

Students must complete either 340.601 or 340.721 or 340.751

PH.340.601	Principles of Epidemiology (typically offered onsite in 3rd term, Summer and Summer Institute)	5
PH.340.721	Epidemiologic Inference in Public Health I (typically offered onsite in 1st term, and online in 1st, 3rd, Summer and Summer Institute)	5
PH.340.751	Epidemiologic Methods 1 (typically offered onsite in 1st term)	5

Elective Courses: Students must complete 6 or more credits from among the following courses:

Note: Up to 3 credits of elective coursework may be substituted for an elective course only with prior approval from the certificate program's sponsoring faculty.

General Evaluation Courses

PH.300.713	Research and Evaluation Methods for Health Policy (typically offered onsite in 3rd term)	3
PH.300.715	Advanced Research and Evaluation Methods in Health Policy (typically offered onsite in 3rd term)	4
PH.318.615	Program Evaluation for Public Policy I (typically offered onsite in 1st term)	3
PH.318.616	Program Evaluation in Public Policy II (typically offered onsite in 2nd term)	3
PH.380.611	Fundamentals of Program Evaluation (typically offered onsite in 3rd term and online in 1st term)	4

Economic Evaluation Courses

PH.221.644	Econometric Methods for Evaluation of Health Programs (typically offered onsite in 3rd term)	4
PH.313.601	Economic Evaluation I (typically offered onsite and online in 1st term)	3
PH.313.602	Economic Evaluation II (typically offered onsite and online in 2nd term)	3

Methods and Analysis Courses

PH.140.640	Statistical Methods for Sample Surveys (typically offered onsite in 3rd term)	3
PH.223.664	Design and Conduct of Community Trials (typically offered onsite in 3rd term)	4
PH.340.717	Health Survey Research Methods (typically offered onsite in 2nd term)	4
PH.380.711	Issues in Survey Research Design (typically offered onsite in 3rd term)	3
PH.380.712	Methods in Analysis of Large Population Surveys (typically offered onsite in 4th term)	3
<i>Statistical Methods Courses</i>		
PH.140.664	Causal Inference in Medicine and Public Health I (typically offered onsite in 3rd term and online in 4th term)	4
PH.140.665	Causal Inference in Medicine and Public Health II (typically offered onsite in 4th term)	3