

EPIDEMIOLOGY: GLOBAL HEALTH (PH.D.)

Offered by: Epidemiology and Biostatistics (Faculty of Medicine & Health Sciences)

Degree: Doctor of Philosophy

Program Description

This option will provide enhanced training in global health to graduate students registered in the Ph.D. in Epidemiology; Global Health degree program at McGill. Students will become familiar with topics of global health relevance and incorporate this into their core coursework and thesis research. The thesis must be relevant to global health and approved by the Global Health Coordinating Committee. Contextualizing the core training students receive in epidemiology and in their respective substantive discipline within the global health research domain will enhance their academic experience. Graduates of this option will be prepared to pursue further training in global health or to undertake a variety of career opportunities in global health in Canada or internationally.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Thesis

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

Required Courses (22 credits)

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Course	Title	Credits
EPIB 681	Global Health: Epidemiological Research.	3
EPIB 701	Ph.D. Comprehensive Examination.	0
EPIB 702	Ph.D. Proposal.	0
EPIB 703	Principles of Study Design.	2
EPIB 704	Doctoral Level Epidemiologic Methods 1.	4
EPIB 705	Doctoral Level Epidemiologic Methods 2.	4
EPIB 706	Doctoral Seminar in Epidemiology.	3
EPIB 707	Research Design in Health Sciences.	3
PPHS 511	Fundamentals of Global Health.	3

Complementary Courses (9 credits)

6 credits of coursework at the 500 level or higher, with a minimum of 3 credits in biostatistics, and 3 credits in epidemiology. Courses must be chosen in consultation with the student's supervisor and/or the degree program's director or adviser.

3 credits of coursework at the 500 level or higher from this list, or any other course approved by the Global Health Option Committee that have not been taken to satisfy other program requirements.

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Course	Title	Credits
GEOG 503	Advanced Topics in Health Geography.	3
NUTR 501	Nutrition in the Majority World.	3
PPHS 525	Health Care Systems in Comparative Perspective.	3
PPHS 527	Economics for Health Services Research and Policy.	3
PPHS 529	Global Environmental Health and Burden of Disease.	3
SOCI 513	Social Aspects HIV/AIDS in Africa.	3
SOCI 519	Gender and Globalization.	3
SOCI 545	Sociology of Population.	3