

PUBLIC HEALTH (NON-THESIS) (M.SC.) (60 CREDITS)

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

Degree: Master of Science

Program credit weight: 60

Program Description

The M.Sc. in Public Health; Non-Thesis focuses on the foundations and principles of epidemiology and biostatistics as applied to public health research and practice, and to design, conduct, and analyze clinical, population-based, environmental, policy, and methodological public health-related research. The program will include a practicum during the summer term after the first year.

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.

Required Courses (36 Credits)

Students exempted from any of the courses listed below must replace them with additional complementary course credits.

Expand allContract all

Course	Title	Credits
EPIB 601	Fundamentals of Epidemiology.	4
EPIB 603	Intermediate Epidemiology.	4
EPIB 605	Critical Appraisal in Epidemiology.	1
EPIB 607	Inferential Statistics.	4
EPIB 613	Introduction to Statistical Software.	1
EPIB 621	Data Analysis in Health Sciences.	4
PPHS 602	Foundations of Population Health.	3
PPHS 612	Principles of Public Health Practice.	3
PPHS 630	MScPH Practicum/Project.	12

Practicum/Project

If a stream is chosen as part of the complementary courses, the practicum must be related to the subject of the selected stream.

Complementary Courses (9 Credits)

Environmental Health Sciences

3 credits from:

Expand allContract all

Course	Title	Credits
GEOG 503	Advanced Topics in Health Geography.	3
OCCH 602	Occupational Health Practice.	3
OCCH 604	Monitoring Occupational Environment.	3

PPHS 529	Global Environmental Health and Burden of Disease.	3
----------	--	---

Or other course, at the 500 level or higher, selected with the Program's Academic Advisor.

Health Services Research Policy and Management

3 credits from:

Expand allContract all

Course	Title	Credits
PPHS 525	Health Care Systems in Comparative Perspective.	3
PPHS 527	Economics for Health Services Research and Policy.	3
PPHS 528	Economic Evaluation of Health Programs.	3
PPHS 617	Impact Evaluation.	3

Or other course, at the 500 level or higher, selected with the Program's Academic Advisor.

Population and Public Health Interventions (social and behavioural science)

3 credits from:

Expand allContract all

Course	Title	Credits
EPIB 632	Mental Disorders: Population Perspectives and Methods.	3
PPHS 614	Knowledge Translation and Public Health Leadership .	3
PPHS 616	Principles and Practice of Public Health Surveillance.	3
PPHS 618	Program Planning and Evaluation in Public Health .	3

Or other course, at the 500 level or higher, selected with the Program's Academic Advisor.

Elective Courses (15 Credits)

15 credits of coursework, at the 500 level or higher. Students may choose to focus on more advanced methods in epidemiology, biostatistics, geography, or substantive areas such as environmental or occupational health, or to select a variety of courses that will deepen their general knowledge of the disciplines that influence population and public health.

Courses will be selected with and approved by the Program's Academic Advisor.

Courses may not satisfy more than one program requirement.