

EPIDEMIOLOGY (NON-THESIS): ENVIRONMENTAL & OCCUPATIONAL HEALTH (M.SC.) (48 CREDITS)

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

Degree: Master of Science

Program credit weight: 48

Program Description

This program provides in-depth training for graduate students in methods used in Environmental and Occupational Health (EOH) and the application of these methods to study the effects of environmental and occupational exposures on human health. Students will be provided with tools to critically evaluate studies in EOH, as well as to be able to participate in these studies, learn how to apply specific methods to environmental and occupational problems, and understand how to apply research results to public health or policy. Career opportunities exist in academia, industry, and the public health sectors. Each student will be assigned a supervisor to provide guidance for their project. Research topics must be related to environmental and occupational health and approved by the program coordinating committee.

Note: For information about Fall 2025 and Winter 2026 course offerings, please refer to Visual Schedule Builder. A technical issue is causing the "Terms offered" field to incorrectly report "this course is not currently offered" for many courses in the Course Catalogue.

Research (12 credits)

Expand allContract all

Course	Title	Credits
EPIB 691	Research Project in Epidemiology.	12

Required Courses (30 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
EPIB 684	Principles of Environmental Health Sciences 1.	3
EPIB 685	Principles of Environmental Health Sciences 2.	3

EPIB 686	Environmental Health Seminar.	3
PPHS 602	Foundations of Population Health.	3

Complementary Courses (6 credits)

6 credits of coursework, at the 500 level or higher, chosen in consultation with the student's academic adviser or supervisor. Complementary courses are meant to further the student's general knowledge in environment, environmental health, methodologies, and related aspects to a student's project.