

EPIDEMIOLOGY (NON-THESIS): PHARMACOEPIDEMIOLOGY (M.SC.) (48 CREDITS)

Complementary Courses (11 credits)

11 credits of coursework, at the 500 level or higher, chosen in consultation with the student's academic adviser or supervisor. Courses must be approved by the program's academic adviser.

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 on pharmacoepidemiologic methods and the application of these methods to study the population effects (benefits and harm) of pharmaceutical products. Students will develop knowledge and capacity to critically evaluate pharmacoepidemiologic studies, learn how to apply specific methods and understand how to apply research results for knowledge translation or policy purpose. Career opportunities for graduates are multiple and include work in industry, government, or academia. Students will be required to participate in the Pharmacoepidemiology Journal Club. Research topics must be related to pharmacoepidemiology and approved by the program coordinating committee.

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.

Research (12 credits)

Expand allContract all

Course	Title	Credits
EPIB 691	Research Project in Epidemiology.	12

Required Courses (25 credits)

Students exempted from any of the courses listed below must replace them with additional complementary course credits at the 500 level or higher.

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 634	Fundamentals of Pharmacoepidemiology.	3
EPIB 662	Pharmacological Basis of Pharmacoepidemiology.	1
PPHS 602	Foundations of Population Health.	3