

EPIDEMIOLOGY:
PHARMACOEPIDEMIOLOGY
(PH.D.)

Complementary Courses (3 credits)
3 credits of coursework in biostatistics at the 500 level or higher.
Courses must be chosen in consultation with the student's supervisor and/or the degree program's director or adviser.

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

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 acquire the skills to become independent investigators and conduct original research in pharmacoepidemiology. 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.

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 (25 credits)

Expand allContract all

Course	Title	Credits
EPIB 639	Pharmacoepidemiologic Methods.	4
EPIB 654	Pharmacoepidemiology 4.	2
EPIB 661	Pharmacoepidemiology 3.	2
EPIB 662	Pharmacological Basis of Pharmacoepidemiology.	1
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