Department of
**Epidemiology, Biostatistics
and Occupational Health**

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Contents

Preface

Note that this handbook is specific to the Epidemiology program and does not replace McGill's Graduate and Postdoctoral Studies (GPS) Calendar or Policies and Procedures. You are responsible for reading and understanding the official GPS procedures, rules and regulations. Please contact the Epidemiology Graduate Program Director (GPD) or Student Services Office to answer any questions.

Chapter 1

Introduction

This is the first real chapter.

Chapter 2

Admissions

Now let's talk details.

The uApply application system will open September 15, 2020 for the Fall 2021 admission cycle. Please see www.mcgill.ca/gradapplicants/apply for detailed instructions on how to use the system and how to upload required supporting documents.

Applicants to the non-thesis programs must specify their choice of concentration when applying and discuss their interest in their personal statement.

Any applications that are incomplete (including letters of reference, scores from any required standardized tests and grades) by the application deadline will not be considered.

Please note that the Department only admits new students in the Fall term. Applications for the Winter or Summer terms are not accepted. It is important that you select the correct term when completing the application form. We will not be able to change the application term or refund your application fee if you enter the wrong term.

Chapter 3

Program Requirements

Now I'll teach you some crazy math, but I need to work it out first...

Chapter 4

Milestones

- 25 course credits (16 required + 9 elective)
- Comprehensive Exam
- Protocol Defense
- Thesis Defense

Options (additional 6 credits + conditions):

- Global Health
- Population Dynamics
- Pharmacoepidemiology

Funding

- CIHR (early October)
- FRQS (mid October)
- SSHRC (early November)
- McGill internal studentships (April 15)
- TAships (required, once)
- RAships (12 hrs/week?)
- Should mention how "guaranteed funding" works here.

Tracking Forms

- Supervisor nomination form (May 15)
- Annual submission (May 15)

Required coursework: Year 0 (prep):

- 601 Intro Epi
- 602 Foundations of Pop Health
- 605 Critical appraisal of Epi studies
- 607 Biostats I
- 613 Software

- 603 Intermediate Epi
- 621 Biostats II

Year 1

- Fall:
  - 703 Study Design (Basso Kramer/Tamblyn)
  - 704 Methods I (Kaufman)
- Winter:
  - 705 Methods II (Chevrier / Infante-Rivard)
  - 706 Seminar (Harper)
- Summer:
  - 701 Comprehensive Exam (June)

Year 2

- Fall:
  - 702 PhD proposal (Nandi / Abrahamowicz)
  - 707 Research Design (Basta / Wolfson)
- Winter:
  - 702 PhD proposal (Nandi / Abrahamowicz)

Elective coursework (9 credits):

- 500-level or higher
- 3 credits in biostatistics (minimum)
  - Bayesian
  - Correlated
  - Causal
  - Survival
  - Others to come (e.g., GIS, prediction modelling, ID modelling)
- 6 credits in epidemiology and/or substantive topic (normally related to the thesis topic). Courses must be chosen in consultation with the student's supervisor and/or the degree program's director or adviser.
  - Evidence synthesis
  - Social
  - Clinical
  - Cancer…
  - Psychiatric
  - Pharmaco
  - Impact Evaluation

Ethics Requirement

- Tri-Council Policy for Ethical Conduct of Research (TCPS-2)

PhD Thesis Protocol

- Ideally in Winter of Year 2
- 10 page written proposal
- Oral defense with instructors and 1 added committee member

Thesis

- Original work (manuscripts or "book")
- Committee requirements

PhD Defense:

- External evaluation
- Oral defense
- See GPS for "official" guidelines