

## Department of Epidemiology and Biostatistics

### Epidemiology 9540R

Health Services Research

Fall 2022

**Lecture:**

October 24 - December 8  
Wednesdays, 11:00 am – 2:00 pm,  
PHFM 3015

**Instructor:** Dr. Maria Mathews**Office Hours:** By appointment**E-mail:** maria.mathews@schulich.uwo.ca**Phone:** 519-661-2111 x20678

### Course Description

*Research “designed to improve the way health care services are organized, regulated, managed, financed, paid for, used and delivered, in the interest of improving the health and quality of life of all Canadians.”*

-Institute for Health Services and Policy Research, 2019:

<http://www.cihr-irsc.gc.ca/e/13733.html>

*Health services research is the multidisciplinary field of scientific investigation that studies how social factors, financing systems, organizational structures and processes, health technologies, and personal behaviors affect access to health care, the quality and cost of health care, and ultimately our health and well-being. Its research domains are individuals, families, organizations, institutions, communities, and populations”*

-Academy for Health Services Research and Health Policy, 2002:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1430351/>

This graduate course introduces students to the Canadian Health Care system and secondary data that stem from the administration of the health care system and are often used in health services research.

### Course Information

Co-requisites Foundations of Epidemiology (9551A). This course can be taken alongside the co-requisite listed here.

Enrollment in this course is restricted to graduate students in the Department of Epidemiology and Biostatistics, as well as any student that has obtained special permission to enroll in this course from the course instructor as well as the Graduate Chair (or equivalent) from the student’s home program.

### Course Learning Outcomes/Objectives

Upon successful completion of this course, students will be able to:

- Recall the development of public health insurance programs in Canada and the principles of the Canada Health Act;
- Describe the federal and provincial governments’ responsibility related to health care;

- Use appropriate terminology to describe health sectors and funding models;
- Understand the private and public funding models for health services in Canada;
- Identify the features of regulated health professions;
- Describe and critically appraise secondary data produced through the administration and delivery of health services, public health surveillance, and professional regulation; and
- Describe how these secondary data can be used in health services and policy research.

## Course Materials

Additional materials will be provided on the course's OWL website.

## Methods of Evaluation

- 30% - Essay 1 – Research Article Analysis **DUE: November 30, 2022**
- 35% - Essay 2– Concept Paper **DUE: December 9, 2022**
- 30% - Examination – Multiple Choice Question **DUE: December 12-16 (TBD)**
- 5% - Participation in Class Discussions **DUE: weekly**

Essays are due by 11:59PM on the due date, unless otherwise stated.

## Course Timeline and Format

*Subject to change.*

Week	Date	Lecture Topic	Readings
1	October 26	Public health insurance in Canada	See OWL site
2	October 31-November 4	Reading Week	See OWL site
3	November 9	Health System Terminology	See OWL site
4	November 16	Physician Payment and Billing	See OWL site
5	November 23	Federal Responsibility for Health	See OWL site
6	November 30	Allied health services outside hospitals	See OWL site
7	December 7	Health Workforce	See OWL site
8	December 12-16	Exam (date to be determined)	n/a

## Western Academic Policies and Statements

### Absence from Course Commitments

All non-medical absences must be approved in advance. In the case of an unexpected absence on compassionate grounds, documentation may be requested. If documentation is required for either medical or non-medical academic accommodation, then such documentation must be submitted by the student to the instructor.

### Statement on Academic Offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence:

[https://www.uwo.ca/univsec/pdf/academic\\_policies/appeals/scholastic\\_discipline\\_grad.pdf](https://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_grad.pdf)

All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

### **Copyright and Audio/Video Recording Statement**

Course material produced by faculty is copyrighted and to reproduce this material for any purposes other than your own educational use contravenes Canadian Copyright Laws. You must always ask permission to record another individual and you should never share or distribute recordings.

### **Support Services**

As part of a successful student experience at Western, we encourage students to make their health and wellness a priority. Western provides several on campus health-related services to help you achieve optimum health and engage in healthy living while pursuing your degree. For example, to support physical activity, all students, as part of their registration, receive membership in Western's Campus Recreation Centre. Numerous cultural events are offered throughout the year. Please check out the Faculty of Music web page <http://www.music.uwo.ca/>, and our own McIntosh Gallery <http://www.mcintoshgallery.ca/>.

Registrarial Services: <http://www.registrar.uwo.ca>

USC Student Support Services: <http://westernusc.ca/services/>

Academic Support and Engagement: <http://academicsupport.uwo.ca/>

SGPS Life & Community web page: [https://grad.uwo.ca/life\\_community/self/index.html](https://grad.uwo.ca/life_community/self/index.html)

Students seeking help regarding mental health concerns are advised to speak to someone they feel comfortable confiding in, such as their faculty supervisor, their program director (Graduate Chair), or other relevant administrators in their unit. Health and Wellness-related information and services are available at <https://www.uwo.ca/health/>.

Students who are in emotional/mental distress should refer to Mental Health@Western <https://www.uwo.ca/health/> for a complete list of options about how to obtain help.

### **Accessible Education Western (AEW)**

Western is committed to achieving barrier-free accessibility for all its members, including graduate students. As part of this commitment, Western provides a variety of services devoted to promoting, advocating, and accommodating persons with disabilities in their respective graduate program.

Graduate students with disabilities (for example, chronic illnesses, mental health conditions, mobility impairments) are strongly encouraged to register with Accessible Education Western (AEW), a confidential service designed to support graduate and undergraduate students through their academic program. With the appropriate documentation, the student will work with both AEW and their graduate programs (normally their Graduate Chair and/or Course instructor) to ensure that appropriate academic accommodations to program requirements are arranged.

These accommodations include individual counselling, alternative formatted literature, accessible campus transportation, learning strategy instruction, writing exams and assistive technology instruction. More information and access to services is available on the AEW website: [http://academicsupport.uwo.ca/accessible\\_education/index.html](http://academicsupport.uwo.ca/accessible_education/index.html)

### **Department & Faculty Offices**

The Department of Epidemiology and Biostatistics is located on the third floor of the Western Centre for Public Health & Family Medicine (PHFM) on Western University's Main Campus.

### **Technology Requirements**

You are responsible for all required course materials and announcements posted to the course's OWL website. Please ensure after the first class that when you log in you are able to access the course site. A copy of the course outline will be available on both OWL and the departmental website.

### **Cell Phone and Electronic Device Policy**

The Schulich School of Medicine & Dentistry is committed to ensuring that testing and evaluation are undertaken fairly across all our departments and programs. For all tests and exams, it is the policy of the School and the Department of Epidemiology and Biostatistics that any electronic devices, i.e., cell phones, tablets, cameras, or iPod are strictly prohibited. These devices MUST be left either at home or with the student's bag/jacket at the front of the room and MUST NOT be at the test/exam desk or in the individual's pocket. Any student found with one of these prohibited devices will receive a grade of zero on the test or exam. Non-programmable calculators are only allowed when indicated by the instructor. The Department of Epidemiology and Biostatistics is not responsible for stolen/lost or broken devices.