Department of Epidemiology and Biostatistics

Epidemiology 2200B
Introduction to Epidemiology

Lecture: Tuesday: 11:30 a.m.-1:30 p.m.
Location: Somerville House SH-3345

Lab Time: Thursday 11:30 a.m.-12:30 p.m.
Location: North Campus Blding NCB-113

Instructor: Neil Klar
Office Hours: By appointment
E-mail: nklar@uwo.ca
Phone Extension: 86275

Course Information

Unless you have either the requisites for this course or written special permission from the Undergraduate Chair to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

Course Syllabus

Date Topics and Readings (Gordis) Tutorials and Assignments
Jan 8 Introduction to Epidemiology (Chapters 1 & 2)
Jan 10 Tutorial 1 – John Snow Movie and Assignment 1 Posted
Jan 15 Causation Introduction; Disease Transmission and Occurrence (Chapters 2 & 3)
Jan 17 Tutorial 2 – Assignment 1 due and Assignment 2 Posted
Jan 22 Measuring Occurrence of Disease, Natural History of Disease (Chapters 3, 4 & 6)
Jan 24 Tutorial 3 – Assignment 2 due and Assignment 3 Posted
Jan 29 Cohort, Case-Control, Cross-Sectional Studies (Chapters 9-11 &13)
Jan 31 Tutorial 4 - Assignment 3 due
Feb 5 Estimating Risk and the Potential for Prevention (Chapters 11 & 12)
Feb 7 Tutorial 5 – Midterm Review
Feb 12 Mid-Term Exam (In Class)
Feb 14 Tutorial Cancelled
Feb 18 CONFERENCE WEEK
Feb 26 Bias, Confounding and Interaction (Chapter 15)
Feb 28 Tutorial 6 - Assignment 4 posted
Mar 5 From Association to Causation (Chapter 14)
Mar 7 Tutorial 7 – Assignment 4 due and Assignment 5 posted
Mar 12 Validity and Reliability of Diagnostic and Screening Tests (Chapter 5)
Mar 14 Tutorial 8 – Assignment 5 due and Assignment 6 Posted
Mar 19 Randomized Trials (Chapters 7 & 8)
Mar 21 Tutorial 9 – Assignment 6 due
Course Materials
Custom Course Material (available at the U.W.O. Bookstore)

Methods of Evaluation

Assignments 6 in all for a total of 20% of course grade

Mid-term exam* (multiple choice/short answer) 25% of course grade

Final exam* (multiple choice/short answer) 45% of course grade

Weekly Tutorial One Question Quiz (Best Seven of Ten) 10% of course grade

Policy on Accommodation for Medical and Non-Medical Absences
For assignments worth 10% or more, refer to Western University’s Policy on Accommodation for Medical Illness: [https://studentservices.uwo.ca/secure/index.cfm](https://studentservices.uwo.ca/secure/index.cfm).

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 by the instructor for either medical or non-medical academic accommodation, then such documentation must be submitted by the student directly to the appropriate Faculty Dean`s office and not to the instructor. It will be the Dean`s office that will determine if accommodation is warranted.

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: [http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf](http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf).

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/. Information regarding health- and wellness-related services available to students may be found at http://www.health.uwo.ca/

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 or undergraduate chair), or other relevant administrators in their unit. Campus mental health resources may be found at http://www.health.uwo.ca/mental_health/resources.html

To help you learn more about mental health, Western has developed an interactive mental health learning module, found here: http://www.health.uwo.ca/mental_health/module.html. This module is 30 minutes in length and provides participants with a basic understanding of mental health issues and of available campus and community resources. Topics include stress, anxiety, depression, suicide and eating disorders. After successful completion of the module, participants receive a certificate confirming their participation.

Department & Faculty Offices
The Epidemiology & Biostatistics main office is located in K201 in the Kresge Building on Main campus.

For undergraduate academic counselling assistance, students will need to speak with the Bachelor of Medical Sciences Office: http://www.schulich.uwo.ca/bmsc/general-counselling.

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.