

Health Sciences 4250a: Population Health Interventions

Instructor: Tamara Landry

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Email: tmlandry@uwo.ca

Office Hours Room Number: HSB 207

Office Hours: Wednesday 10:30am-11:30am or by appointment

Course Day/Time/Room: Mondays 9:30am-11:30am and Wednesdays 9:30am-10:30am, HSB-240 (HSB: Health Sciences Building)

Prerequisite Checking

Unless you have either the requisites for this course or written special permission from your Dean 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.

Prerequisites: Health Sciences 2250A/B, Registration in the third or fourth year of the School of Health Studies

Antirequisite(s): Health Sciences 4091A, section 001 if taken in Fall 2011 or Intersession 2012.

Extra Information: 3 lecture hours, 0.5 course.

See www.westerncalendar.uwo.ca for further details.

Course Information:

This course will focus on learning and understanding population health interventions strategies and research applied to changing psychological, social, and environmental factors known to influence the health of the population. This course will also focus on understanding how to design, implement and evaluate population health interventions.

Course Objectives:

By the end of this course, you should be able to:

- ✚ To obtain a better understanding of the population health approach and population health interventions.
- ✚ To understand how population health interventions are designed, implemented and evaluated through the examining a variety of population health intervention studies.

You will be expected to attend the lectures, complete the readings in advance of the lectures and participate in class discussions. You will also be expected to submit any required assignments on the due date and write all scheduled exams for this course.

Course Materials

Materials for this course will consist of weekly readings posted on OWL.

Evaluation:

Midterm Exam: 25%
Intervention Assignment 40%
Final Exam 35%

Midterm Exam (25%)

The midterm exam will cover material from the first class on September 8th up to and including October 15th, 2014. The midterm exam will consist of multiple choice, T/F and short answer questions. Questions will come from material presented in the lectures, as well as from the assigned readings and guest lecturers. Further information regarding the final exam will be provided during class. THE MIDTERM WILL BE IN CLASS ON OCTOBER 20TH, 2014. There is NO MAKE UP MIDTERM EXAM. If you do not write the midterm exam and you receive academic accommodation, your midterm exam will be re-weighted to your final exam.

Health Intervention Assignment (40%) **DUE DATE NOVEMBER 17th, 2014 IN CLASS**

Pick a population health concern that your group is interested in (e.g., STI's, alcohol use, cancer, diabetes, etc.). The goal of this assignment is for you to understand the current literature on the topic you choose and develop an idea for a future intervention that will advance current intervention work. Detailed information on this assignment can be found on OWL under the Assignments folder. There are two parts to this assignment:

Part A: Overview of the Health Concern (15%). Use various types of evidence to describe the population health concern (e.g., epidemiological data, research studies). You need to find out who is affected by the health concern, what the magnitude of the problem is and why it is a problem? Provide a summary of current (or previous) interventions that are being implemented to address this problem. Comment on areas for future directions to address this health problem. Part A is to be completed by the whole group. Submit one paper per group.

Part B: Intervention Proposal and Video Clip (25%). Each member of the group must be assigned to EITHER PROJECT I OR II (NOT BOTH). Students will receive a grade only for the project they worked on.

PROJECT I: Write a 5 to 7 page paper proposing a future program-based population health intervention. Your proposal should include the following:

1. Proposed program rational and objective
2. Detailed description of the program and how it will be implemented
3. Expected outcomes
4. Potential policy implications
5. References

The proposal must follow the APA Publication Manual guidelines when writing and formatting the paper. A hard copy of the proposal is due in class on the due date specified above and in the course schedule.

PROJECT II: Create a short 2 minute multi-media clip targeting the health concern outlined in Part A. Group members working on this project are also required to submit a one-page outline explaining your thinking behind the video clip.

In addition to a hard copy, groups are also required to submit an electronic copy of their assignment in OWL by the end of the day the assignment is due.

Please keep a copy of every assignment you hand in just in case you need to provide a back up copy.

Final Exam (35%)

The final examination will NOT be cumulative from the beginning of September and will reflect course work that began after the MIDTERM EXAM. Questions will come from material presented in the lectures, as well as from the assigned readings and guest lecturers. The exam will consist of multiple choice and short answer questions. Further information regarding the final exam will be provided during class.

TENTATIVE COURSE SCHEDULE

WEEK	DATE	TOPIC	READINGS
1	September 8 (M)	Introduction to the Course What is Population Health?	Readings on OWL for Week 1
1	September 10 (W)	The Population Health Approach	Readings on OWL for Week 1
2	September 15 (M)	The Population Health Approach	Readings on OWL for Week 2
2	September 17 (W)	Designing and Implementing Interventions	Readings on OWL for Week 2
3	September 22 (M)	An Introduction to Intervention Approaches: Theories/Models	Readings on OWL for Week 3
3	September 24 (W)	Intervention Approaches: Community Capacity Building	Readings on OWL for Week 3
4	September 29 (M)	Intervention Approaches: Health Communication and Social Marketing	Readings on OWL for Week 4
4	October 1 (W)	In Class Work Period for Health Intervention Assignment	No Readings
5	October 6 (M)	Child and Youth Health: Nutrition	Readings on OWL for Week 5
5	October 8 (W)	Child and Youth Health: ECE	Readings on OWL for Week 5
6	October 13 (M)	No Class Happy Thanksgiving	No Readings
6	October 15 (W)	Midterm Exam Review	No Readings
7	October 20 (M)	MIDTERM EXAM IN CLASS	No Readings
7	October 22 (W)	Child and Youth Health: Physical Activity: Guest Speaker	Readings on OWL for Week 7
8	October 27 (M)	Addictive Behaviors: Smoking Cessation	Readings on OWL for Week 8
8	October 29 (W)	Addictive Behaviors: Smoking Cessation: Guest Speaker	Readings on OWL for Week 8
9	November 3 (M)	In Class Work Period for Health Intervention Assignment	No Readings
9	November 5 (W)	Addictive Behaviors: Harm Reduction, Safe Injection Sites	Readings on OWL for Week 9
10	November 10 (M)	Addictive Behaviors: Harm Reduction, Safe Injection Sites	Readings on OWL for Week 10
10	November 12 (W)	Risk Taking Behaviors: STI's	Readings on OWL for Week 10
11	November 17 (M)	Risk Taking Behaviors: STI's Guest Speaker Health Intervention Assignment DUE DATE	Readings on OWL for Week 11
11	November 19 (W)	Evaluating Interventions	Readings on OWL for Week 11
12	November 24 (M)	Evaluating Interventions	Readings on OWL for Week 12
12	November 26 (W)	Presentations	No Readings
13	December 1 (M)	Presentations	No Readings
13	December 3 (W)	Final Exam Review	No Readings
	Final Exam	TBD	Room TBD

This schedule is subject to changes. I will notify you immediately of any changes.

Grading scheme:

I use the format provided below for grading, which is the university-wide scale that has been approved by the UWO Senate.

A+	90-100	Exceptional
A	80-89	Superior work, above average.
B	70-79	Good work, meeting all requirements, and eminently satisfactory.
C	60-69	Competent work, meeting requirements.
D	50-59	Fair work, minimally acceptable.
F	below 50	Fail

OWL

I will post all reading material and assignments on OWL.

Contacting Me

You can contact me either by email, in class, during office hours or by appointment. Please avoid sending me a message or submitting assignments on OWL, as it can be temperamental sometimes and not work. I will answer emails until 4pm each day. Emails received after 4pm will be answered the next morning. If you have not received a response email from me within 24 hours, please resend your email.

Policies

Late Material

All assignments must be turned in on time. Please submit both an electronic copy to my UWO email (tmlandry@uwo.ca) and a hard copy of your assignments during class. If you have a medical reason for not being able to complete an assignment or the final examination a note from your Physician indicating the severity of your condition must be submitted to the Health Sciences office. You may visit Western's Policy on Accommodation for Medical Illness at: <https://studentservices.uwo.ca/secure/index.cfm> for further details. If you are given academic accommodation by the Academic Counselling Office for missing an assignment deadline, you will be required to see an academic counsellor in Health Studies to discuss your reasons and provide documentation. If you receive academic accommodation, you will be required to submit the assignment according to the academic accommodation time you receive from the counsellor. If you do not have academic accommodation, all late assignments will receive an

automatic 5% deduction if not handed in by the end of class on the assigned due date and a subsequent 10% deducted for every 24-hr period after the due date, including weekends. If you do not write the final exam on the regularly scheduled exam date and time, you will be required to see an academic counsellor in Health Studies to discuss your reasons and provide documentation. If you receive academic accommodation, you will be required to write a make-up final exam. If you have any specific questions or concerns, please do not hesitate to ask me. If you do not have academic accommodation, you will receive a grade of zero on any missed exam or assignment.

Electronic devices

Cellular phones must be turned off during class and laptop computers will only be allowed to be open if your work on them pertains to class. You will learn more if you are fully engaged in the materials presented and the discussions. The use of communication equipment (e.g., cell phones, ipods, ipads, laptops) will be prohibited during any exams.

Statement on Use of Personal Response Systems (“Clickers”)

If Personal Response Systems (“Clickers”) are used in the course, a reference to the Guidelines for their use is at

<http://www.uwo.ca/univsec/handbook/exam/courseoutlines.pdf> on page 4.

Instructors are to communicate clearly to students information on how clickers are used including: how the student’s privacy will be protected, how clickers may be used by the instructor for data gathering and for evaluating the student, and why they cannot be used by anyone but the student (since the students involved in misuse of a clicker may be charged with a scholastic offence).

ADDITIONAL STATEMENTS

Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at The University of Western Ontario, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed, and set out the disciplinary procedures that the University will follow. For more information, visit <http://www.uwo.ca/univsec/board/code.pdf>.

English Proficiency for the Assignment of Grades

Visit the website <http://www.uwo.ca/univsec/handbook/exam/english.pdf>.

Accommodation for Medical Illness or Non-Medical Absences

http://www.uwo.ca/univsec/handbook/appeals/accommodation_medical.pdf

The University recognizes that a student's ability to meet his/her academic responsibilities may, on occasion, be impaired by medical illness. Illness may be acute (short term), or it may be chronic (long term), or chronic with acute episodes. The University further recognizes that medical situations are deeply personal and respects the need for privacy and confidentiality in these matters. However, in order to ensure fairness and consistency for all students, academic accommodation for work representing 10% or more of the student's overall grade in the course shall be granted only in those cases where there is documentation indicating that the student was seriously affected by illness and could not reasonably be expected to meet his/her academic responsibilities.

A UWO Student Medical Certificate (SMC) is required where a student is seeking academic accommodation. This documentation should be obtained at the time of the initial consultation with the physician or walk-in clinic. An SMC can be downloaded under the Medical Documentation heading of the following website: <https://studentservices.uwo.ca/secure/index.cfm>.

Documentation is required for non-medical absences where the course work missed is more than 10% of the overall grade. Students may contact their Faculty Academic Counseling Office for what documentation is needed.

Whenever possible, students who require academic accommodation should provide notification and documentation in advance of due dates, examinations, etc. Students must follow up with their professors and their Academic Counseling office in a timely manner. Documentation for any request for accommodation shall be submitted, as soon as possible, to the appropriate Academic Counseling Office of the student's Faculty of registration. For BHSc students, you may go to the School of Health Studies Office in HSB room 222.

Scholastic Offences

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

http://www.uwo.ca/univsec/handbook/appeals/scholastic_discipline_undergrad.pdf.

Additionally,

1. 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>).

2. 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.

Support Services

There are various support services around campus and these include, but are not limited to:

1. Student Development Centre -- <http://www.sdc.uwo.ca/ssd/>
2. Student Health --
<http://www.shs.uwo.ca/student/studenthealthservices.html>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombuds Office -- <http://www.uwo.ca/ombuds/>

Creating a “healthy” classroom

Teaching and learning is a two-way process and to ensure the best and most productive experience for us all I ask that we all be considerate of the following: arrive on time, do not be disruptive, respect one another, be attentive, and be willing to challenge yourself. Behavior during class such as talking during lectures, wearing headphones, using cell phones, facebooking, emailing, texting and surfing the Internet for non-class purposes is considered disrespectful and disruptive behavior. The professor will use her discretion in deciding the best way to deal with any situation that may arise.