

INTERDISCIPLINARY MEDICAL SCIENCES MODULES

Med Sci 4300F

Course outline for Fall 2018

1. Course details and important dates

Section	Component	Day	Time	Location
200	Class	Monday	12:30 am – 2:30 pm	UCC 66

Classes Start	Classes End	Final Exam Period
Thursday, September 6 th	Friday, December 7 th	December 10 th -21 st

2. Instructor contact information

Instructor Name	Discipline	Email
Dr. Sarah McLean	Course Manager and Instructor	sarah.mclean@schulich.uwo.ca

Please email your course instructor with any questions you have regarding the course. The instructor will strive to respond to email communication within a reasonable period of time, usually within 2 weekdays. Please follow up otherwise. Follow proper email etiquette (see OWL) and include the course code in the subject line. **Any questions that can be answered from the course outline will not receive a response.**

3. Course description

Medical Sciences 4300F will enable students to critically reflect on the role of scientists in healthcare by using a scientific inquiry approach to tackle modern health problems (such as poverty, mental illness, and infertility), and practise scientific inquiry and critical reflection by engaging in a project-based community service learning placement. Students will have the opportunity to develop an understanding of the physical and social determinants of health, social responsibility, leadership and ethical competencies.

4. Course design

This course will include online learning modules (OLMs), a community engaged learning project, and face-to-face classes. Students are expected to complete their OLMs prior to attending class and these online components will be available one week prior. In order to proceed to the next online component, students must complete the previous week. All materials will be posted to Owl: <http://owl.uwo.ca>. Assignments will be handed in electronic format to Owl and will be compared for plagiarism. Students will be able to view their results before the final submission. Students with Owl issues should contact the Computer Support Centre at 519-661-3800 or itshelp.uwo.ca

5. Learning Outcomes

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

1. Employ independent and self-regulated learning techniques through the completion of online learning modules
2. Explain the physiological, epidemiological, and/or biochemical basis of conditions such as addiction, poverty, psychosis, and infertility
3. Develop a cohesive, clear, and articulate philosophy regarding their beliefs about the role of scientists in the health of our communities
4. Effectively communicate scientific and health literature to a broad audience, including laypersons and colleagues
5. Work in concert with a community healthcare organization to promote health initiatives in the greater London community
6. Work with a team to collaborate towards a common goal

6. Class Schedule

Week	Dates	OLM Topic	In-class
1	September 10	NO OLM	Introduction
2	September 17	Teamwork	Speed-dating with Community Partners
3	September 24	Scientific Literacy	Scientific Literacy in the General Public
4	October 1	Health Literacy	Misconceptions of Health Literacy
5	October 8	NO OLM READING WEEK	NO CLASS READING WEEK
6	October 15	SES and health	Guest speaker: Abe Oudshoorn
7	October 22	PCOS	Analysis of Breakthrough Nature Paper
8	October 29	Marijuana and Psychosis Opioid Use and Abuse	Critical Evaluation of Government Policy
9	November 5	Opioid Use and Abuse	Class Discussion Points Evaluation of Opioid safety literature
10	November 12	NO OLM	TEST
11	November 19	Simulation: Safe injection sites in London	Guest speaker: Michael Annett and Debate
12	November 26	No OLM	Group work in class
13	December 3	No OLM	Poster Showcase!
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7. Resources

All materials will be provided on OWL.

8. Evaluation

A detailed and comprehensive set of regulations concerning the scheduling of tests, assignments, etc. is available at:

http://www.uwo.ca/univsec/academic_policies/examinations.html

At least one week prior to the deadline for withdrawal from a course without academic penalty, students will receive assessment of work accounting for at least 15% of their final grade. For more details, refer to the link below.

http://www.uwo.ca/univsec/pdf/academic_policies/exam/evaluation_undergrad.pdf

Component	Format	Weighting	Due Date
Essay on Health/Science Literacy	Written	10%	October 15 th
E-Portfolio and Reflections	Written Reflections- 2.5% x 2 Final E-Portfolio- 10%	15%	Work on throughout the term, due December 7 th
Test	SAQ	25%	November 12 nd
CEL Project proposal	Video proposal Literature Review	10% 15%	October 5 th October 26 th
CEL Poster Presentation	Oral	15%	December 3 rd
Evaluation of Final CEL Deliverable	Written	10%	End of term

9. 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, at the following website:

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

10. Turnitin and other similarity review software

All assignments will be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. Students will be able to view their results before the final submission. 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 Western University and Turnitin.com (<http://www.turnitin.com>).

11. 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 IMS 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 IMS is not responsible for stolen/lost or broken devices.

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

12. Absence from Course Commitments

A. Absence for medical illness:

Students must familiarize themselves with the Policy on Accommodation for Medical Illness for Undergraduate students, located at: <https://studentservices.uwo.ca/secure/index.cfm>

Statement from the Academic Counselling Office, Faculty of Science (for Science and BMSc students)

If you are unable to meet a course requirement due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to the Dean's office as soon as possible and contact your instructor immediately. It is the student's responsibility to make alternative arrangements with their instructor once the accommodation has been approved and the instructor has been informed. In the event of a missed final exam, a "Recommendation of Special Examination" form must be obtained from the Dean's Office immediately. For further information please see: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_medical.pdf

A student requiring academic accommodation due to illness should use the Student Medical Certificate when visiting an off-campus medical facility or request a Record's Release Form (located in the Dean's Office) for visits to Student Health Services. The form can be found at: http://www.uwo.ca/sci/undergrad/academic_counselling/resources_and_self_service/forms.html

Please note that the format of a make up exam is at the discretion of the course manager.

B. Absence for non-medical reasons:

Students will not be accommodated for course commitments that are missed due to non-medical reasons. Please pay attention to the academic calendar and final exam period when booking any trips.

C. Special Examinations

A Special Examination is any examination other than the regular examination, and it may be offered only with the permission of the Dean of the Faculty in which the student is registered, in consultation with the instructor and Department Chair. Permission to write a Special Examination may be given on the basis of compassionate or medical grounds with appropriate supporting documents.

To provide an opportunity for students to recover from the circumstances resulting in a Special Examination, the University has implemented Special Examinations dates. These dates as well as other important information can be found at the following link:

http://www.uwo.ca/univsec/pdf/academic_policies/exam/definitions.pdf

13. Additional Information/Statements

Statement on Use of Electronic Devices

Students may only bring pencils, pens and erasers to exams. No other material or electronic devices are permitted.

Due to safety concerns, the use of computers or cellular phones will not be permitted during laboratories unless otherwise stated.

Statement on Rounding of Marks

Across the Basic Medical Sciences Undergraduate Education programs and within the IMS module we strive to maintain high standards that reflect the effort that both students and faculty put into the teaching and learning experience during this course. All students will be treated equally and evaluated based only on their actual achievement. Final grades on this course will be rounded up to the next whole integer, e.g. a 73.5 becomes a 74 and marks WILL NOT be bumped to the next grade or GPA, e.g. a 79 will NOT be rounded up to an 80, an 84 WILL NOT be rounded up to an 85, etc. The mark attained is the mark you achieved and the mark assigned; requests for mark “bumping” will be denied.

Copyright 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.

Accessibility Statement

Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 661-2111 x 82147 for any specific question regarding an accommodation.

Science Student Donation

This course is supported by the Science Student Donation Fund.

If you are a BSc or BMSc student registered in the Faculty of Science or Schulich School of Medicine & Dentistry, you pay the Science Student Donation Fee. This fee contributes to the Science Student Donation Fund, which is administered by the Science Students’ Council

(SSC). One or more grants from the Fund have allowed for the purchase of equipment integral to teaching this course. You may opt out of the Fee by the end of September of each academic year by completing paperwork in the Faculty of Science Dean's Office. For further information on the process of awarding grants from the Fund or how these grants have benefited undergraduate education in this course, consult the chair of your department or email the Science Students' Council: ssc@uwo.ca.

14. Support Services

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

Academic Counselling (Science and Basic Medical Sciences):
http://www.uwo.ca/sci/undergrad/academic_counselling/index.html

USC Student Support Services: <http://westernusc.ca/services/> Student Development
Services: <http://www.sds.uwo.ca>

Student Development Services: <http://www.sdc.uwo.ca>

Student Health Services: <http://www.shs.uwo.ca/>

Appeal Procedures:
http://www.uwo.ca/univsec/pdf/academic_policies/appeals/appealsundergrad.pdf

Students that are in emotional/mental distress should refer to Mental
Health@Western <http://www.uwo.ca/uwocom/mentalhealth/> for a complete list of options
how to obtain help.