

**Medical Sciences / One Health  
4100G**

Course outline for Winter 2021



Although this academic year might be different, Western University is committed to a **thriving campus**. We encourage you to check out the [Digital Student Experience](#) website to manage your academics and well-being. Additionally, the following link provides available resources to support students on and off campus: <https://www.uwo.ca/health/>.

**1. Technical Requirements:**



Stable internet connection



Laptop or computer



Working microphone



Working webcam (suggested)

**2. Course Overview and Important Dates:**



Delivery Mode	Dates	Time
Online	Tuesday/Thursday	10:30-11:30am

\*Details about design and delivery of the course are listed below in Section 4

Classes Start	Reading Week	Classes End	Study day	Exam Period
January 11	February 13 - 21	April 12	April 13	April 14 - 30

\*March 14, 2021: Last day to drop a second-term half course or a second-term full course without penalty

**3. Contact Information**



Course Coordinator	Contact Information
Patti Kiser	pkiser@uwo.ca

Teaching Assistants	Contact Information
Oren Princz-Lebel	oprinczl@uwo.ca
R. Grace Couper	rcouper2@uwo.ca

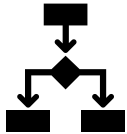
## 4. Course Description and Design

### *Introduction to Medical Sciences*

An introduction to the field of laboratory animal science and comparative human and animal pathology. Major topics include regulatory oversight of animal-based research, animal biology and disease, animals as models of human diseases, genetic manipulation of research animals, and major intrinsic and extrinsic factors affecting biomedical research

### *Animal Health, Human Health and Comparative Pathology*

The One Health concept acknowledges the global interdependence of people, animals, and the environment. This course focuses on the animal component of One Health. Areas of exploration will include wildlife, livestock, and companion animals, in addition to use of animals in research, and comparative human and animal pathology.



Mode	Dates	Time	Frequency
Virtual asynchronous	N/A	2 hours	Weekly
Virtual synchronous (optional; not recorded)	Th	10:30-11:00	Weekly

All course material will be posted to OWL: <http://owl.uwo.ca>. Any changes will be indicated on the OWL site and discussed with the class.

If students need assistance, they can seek support on the [OWL Help page](#). Alternatively, they can contact the [Western Technology Services Helpdesk](#). They can be contacted by phone at 519-661-3800 or ext. 83800.

[Google Chrome](#) or [Mozilla Firefox](#) are the preferred browsers to optimally use OWL; up you're your browsers frequently. Students interested in evaluating their internet speed, please click [here](#).

## 5. Learning Outcomes



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

- Identify and describe how wildlife, livestock, companion animals, and laboratory research animals are fundamental in the One Health paradigm
- Critically assess species applicability as a model for disease
- Effectively communicate academic findings in written form

## 6. Course Content and Schedule



Week	Dates	Topic	Instructor
1	Jan 11 – 17	Introduction	Kiser
2	Jan 18 – 24	Animal populations	Kiser
3	Jan 25 – 31	Animals vs. Humans	Kiser
4	Feb 1 – 7	Comparative Pathology	Kiser
5	Feb 8 – 14	Wildlife	Kiser
6	Feb 15 – 21	Livestock	Kiser
7	Feb 22 – 28	Reading Week	N/A
8	Mar 1 – 7	Companion Animals	Kiser
9	Mar 8 – 14	Lab Animals Comp Med	Kiser
10	Mar 15 – 21	Disease focus	Kiser
11	Mar 22 – 28	Disease focus	Kiser
12	Mar 29 – Apr 4	Disease focus	Kiser
13	Apr 5 – Apr 12	Disease focus Lab animal regulatory	Cameron Gatchell

\*Detailed schedule can be found under Resources in OWL

## 7. Online Participation and Engagement



- Students are expected to participate and engage with content as much as possible
- Students can participate during Thursday office hour sessions
- Students can also participate by interacting in the forums with their peers and instructors

## 8. Evaluation

Below is the evaluation breakdown for the course. Any deviations will be communicated.



Assessment	Format (detailed weighting)	Weighting	Due Date
Essay	Topic submission	2	January 21
	General outline	4	February 11
	Detailed outline	6	March 9
	Full essay	18	March 30
Assignments	Written assignments (x10)	20	Weekly
Student group presentation	Topic submission	1	February 4
	Student feedback	4	March 4-April 12
	Video presentation	10	March 4
	Information sheet	10	March 4
Final exam	Take-home written essay	25	Final exam period (date pending)

\*Detailed schedule can be found under Resources in OWL

- All assignments are due at 11:55 pm EST unless otherwise specified
- Written assignments will be submitted to Turnitin (statement in policies below)
- Students will have unlimited submissions to Turnitin
- After an assessment is returned, students should wait 24 hours to digest feedback before contacting their evaluator; to ensure a timely response, reach out within 7 days

Click [here](#) for a detailed and comprehensive set of policies and regulations concerning examinations and grading. The table below outlines the University-wide grade descriptors.

A+	90-100	One could scarcely expect better from a student at this level
A	80-89	Superior work which is clearly 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

### Information about late or missed evaluations:

- Late assessments without self-reported absences will be subject to a late penalty 10%/day
- Late assessments with self-reported absences should be submitted within 24 hours of the end of the 48-hour period
- An assessment cannot be submitted after it has been returned to the class; the weight will be transferred to the final grade
- A make-up final exam will be offered
- If a make-up assessment is missed, the student will receive an INC and complete the task the next time the course is offered

## 9. Communication:



- Students should check the OWL site every 24 – 48 hours
- A weekly update will be provided on the OWL announcements
- Students should email their instructor(s) and teaching assistant(s) using OWL “messages”
- Emails will be monitored daily; students will receive a response in 24 – 48 hours
- This course will use the OWL forum for discussions
- Students should post all course-related content on the discussion forum so that everyone can access answers to questions
- The discussion forums will be monitored daily by instructors or teaching assistants

## 10. Office Hours:



- Group office hours will be held remotely using Zoom on Thursdays, 10:30-11:00am
- Students will be able to sign up for an appointment using Sign Up on OWL

## 11. Resources



- All resources will be posted in OWL

## 12. Professionalism & Privacy:



Western students are expected to follow the [Student Code of Conduct](#). Additionally, the following expectations and professional conduct apply to this course:

- Students are expected to follow online etiquette expectations provided on OWL
- All course materials created by the instructor(s) are copyrighted and cannot be sold/shared
- Recordings are not permitted (audio or video) without explicit permission
- Permitted recordings are not to be distributed
- Students will be expected to take an academic integrity pledge before some assessments
- All recorded sessions will remain within the course site or unlisted if streamed

## 13. How to Be Successful in this Class:



Students enrolled in this class should understand the level of autonomy and self-discipline required to be successful.

1. Invest in a planner or application to keep track of your courses. Populate all your deadlines at the start of the term and schedule time at the start of each week to get organized and manage your time.
2. Make it a daily habit to log onto OWL to ensure you have seen everything posted to help you succeed in this class.
3. Follow weekly checklists created on OWL or create your own to help you stay on track.
4. Take notes as you go through the lesson material. Treat this course as you would a face-to-face course. Keeping handwritten notes or even notes on a regular Word document

- will help you learn more effectively than just reading or watching the videos.
5. Connect with others. Try forming an online study group and try meeting on a weekly basis for study and peer support.
  6. Do not be afraid to ask questions. If you are struggling with a topic, check the online discussion boards or contact your instructor(s) and or teaching assistant(s).
  7. Reward yourself for successes. It seems easier to motivate ourselves knowing that there is something waiting for us at the end of the task.

## 14. Western Academic Policies and Statements

### Absence from Course Commitments

#### [Policy on Academic Consideration for Student Absences](#)

If you are unable to meet a course requirement due to illness or other serious circumstances, you must seek approval for the absence as soon as possible. Approval can be granted either through a **self-reported absence** or via the **Academic Counselling** unit. Students have two self-reports to use throughout the academic year; absence from course commitments including tests, quizzes, presentations, labs, and assignments that are worth 30% or less can be self-reported. Self-reported absences cover a student for 48 hours (yesterday + today or today + tomorrow). Your instructor will receive notification of your consideration; however, you should contact your instructor immediately regarding your absence. Students are expected to submit missed work within 24 hours of the end of the 48-hour period. Please review details of the [university's policy on academic consideration for student absences](#).

If you have used both their self-reported absences or will miss more than 48 hours of course requirements, a Student Medical Certificate (SMC) should be signed by a licensed medical or mental health practitioner and you should contact academic counselling. Academic Counselling will be operating virtually this year and can be contacted at [scibmsac@uwo.ca](mailto:scibmsac@uwo.ca).

### Accommodation for Religious Holidays

The policy on Accommodation for Religious Holidays can be viewed [here](#).

### 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 about examinations and academic standing can be found [here](#).

### Academic Offenses

"Scholastic offences are taken seriously, and students are directed [here](#) to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence.

### 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 Accessible

Education (AE) at 661-2111 x 82147 for any specific question regarding an accommodation or review [The policy on Accommodation for Students with Disabilities](#).

### **Correspondence Statement**

The centrally administered **e-mail account** provided to students will be considered the individual's official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at his/her official university address is attended to in a timely manner. You can read about the privacy and security of the UWO email accounts [here](#).

### **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](#).

## **15. BMSUE Academic Policies and Statements**

### **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.

### **Rounding of Marks Statement**

Across the Basic Medical Sciences Undergraduate Education programs, 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, irrespective of the number of decimal places used in marking individual assignments and tests, will be calculated to one decimal place and rounded to the nearest integer, e.g., 74.4 becomes 74, and 74.5 becomes 75. Marks WILL NOT be bumped to the next grade or GPA, e.g. a 79 will NOT be bumped up to an 80, an 84 WILL NOT be bumped up to an 85, etc. The mark attained is the mark you achieved, and the mark assigned; requests for mark "bumping" will be denied.

## **16. Support Services**

The following links provide information about support services at Western University.

[Academic Counselling \(Science and Basic Medical Sciences\)](#)

[Appeal Procedures](#)

[Registrarial Services](#)

[Student Development Services](#)

[Student Health Services](#)