

One Health 4100F
Fall 2025 Supplemental Syllabus

The Supplemental Syllabus contains core course-specific information, including more details regarding the assessments.

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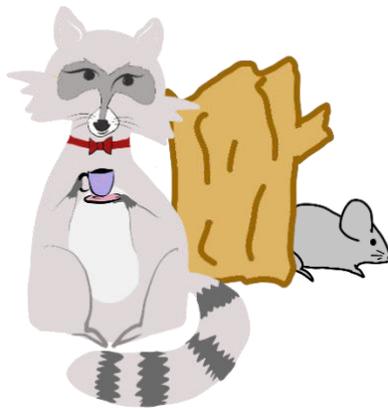
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Course Materials

There are no required textbooks.

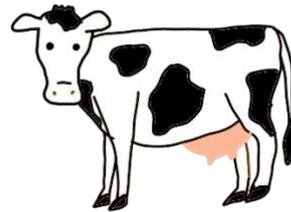
The course design emphasizes the presentation of key themes and examples (lectures), which students are expected to apply toward the scholarly investigation of animal-related topics (assessments), particularly as it relates to critical analysis and interpretation of academic materials.

There are three recommended texts that may augment presented class material, which are available online through UWO libraries:

- *Sourcebook of Models for Biomedical Research* (P. M. Conn, ed.), 2008
- *Comparative Medicine: Anatomy and Physiology* by Jensen-Jarolim, Erika, 2014
- *Beyond One Health: From Recognition to Results* (J. A. Herrmann, Y. J. JohnsonWalker, ed), 2018

Technical Requirements

- A laptop or computer
- Stable internet connection



Course Assessments Overview

The following table outlines the course assessments with point distribution, which will determine the final grade. See Course Assessment Descriptions and Guidelines section below for further details.

Assessment	Format	Weighting	Due Date	Flexibility
Quizzes	Mixed	5	Thursdays	Drop lowest 2
Essay Assignments (6)	Written	30	September 16 October 2 October 14 October 23 November 13 November 27	72-hour no late penalty
Presentation (group)	Video, in-class presentation and discussion, peer evaluation	20	To be determined (TBD)	Not applicable
Participation	Focus topic discussion and writing activity	15	September 11 September 23 October 7 October 16 October 28 November 13	Makeup written assignment
Final Exam	Written	30	TBD	Not applicable

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

Course Assessment Descriptions and Guidelines

The assessments are designed to promote the analysis and interpretation of scientific information from multiple different sources to develop novel insights and solutions (critical thinking and synthesis emphasis).

- All assignments are due at 11:59 pm EST unless otherwise specified
- Written assignments will be submitted to Turnitin (unlimited submissions)
- Unless otherwise noted, the **audience** for written assignments:
 - **An adult with a university education, but little science background, such as a non-science major who has only taken basic biology courses.**

1. Quizzes (5%): Thursdays

Objective: Identify key information presented during lecture.

Guidelines:

- There will be 12 weekly online OWL quizzes with the two lowest scores dropped.
- All quizzes are due at 11:59 pm EST unless otherwise specified
- No accommodations will be provided for missed quizzes
- The quiz will cover key points from that week's lecture material in the form of multiple choice or short answer questions.
- The quiz will open in OWL on Thursday and will close by 11:59 PM on the following Thursday.
 - **** Quizzes will receive a 0% grade for that week if incomplete when the quiz closes on OWL****

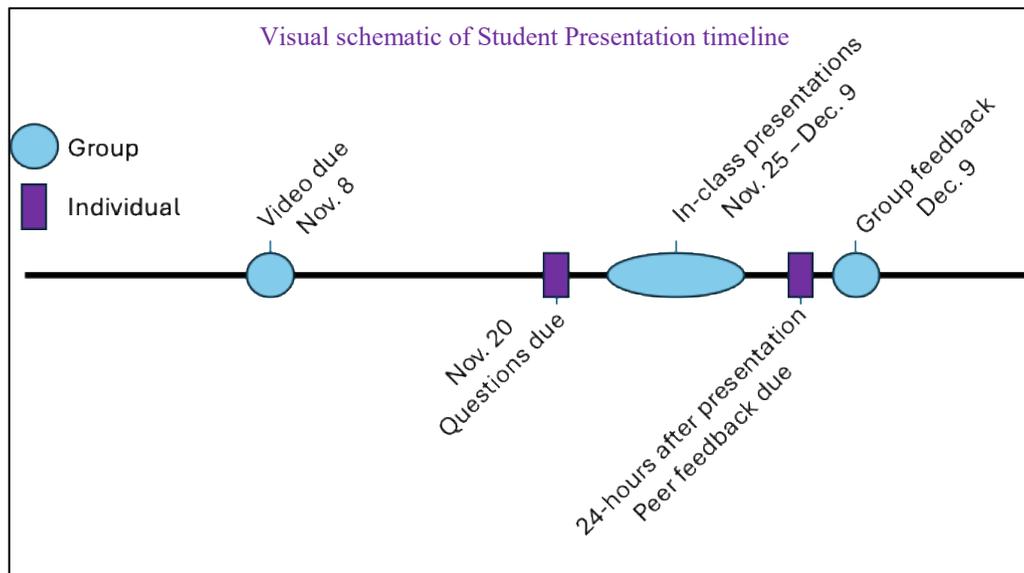
2. Student Presentations (20%)

Objective: Apply core course concepts to real-world One Health concerns, integrating scientific evidence with clear communication and critical analysis.

Guidelines: The intended audience is a panel of world leaders and scientists tasked with funding animal-related areas in need. As a group, inform the panel of an issue or problem relating to animals, the status of the issue and what can be done about it. Provide factual information, information based on peer-reviewed publications, and logical arguments to effectively convince your audience of your position.

- **Pre-recorded Video Presentation (8 points): all groups due November 8**
 - Each group prepares a **10-minute video** introducing and analyzing their refined topic question.

- The video must be uploaded by the deadline so classmates can view it before the live session.
- **Peer Question Submission (1 point): due November 20**
 - For each video presentation except your own, submit **one thoughtful question** based on the group’s video via a Brightspace assignment.
 - Questions should encourage deeper discussion and highlight areas of uncertainty, potential bias, or broader implications.
- **In-class Panel Presentation Elevator Pitch + Q&A (6 points): based on topic selected (spans November 25 – December 9)**
 - On the scheduled presentation day, your group will deliver a **1–2 minute elevator pitch** (a concise, persuasive summary of your problem and why it deserves funding).
 - After the pitch, your group will participate in **10–12 minutes of Q&A**, with questions either in real-time from the audience or selected from those submitted by your classmates.
- **Attendance and Peer Feedback (3 points): 24 hours after presentation**
 - Attends all panel sessions.
 - After each presentation and Q&A, all non-presenting students will evaluate the group’s suitability for funding.
 - Evaluation will be based on the **quality of the presentation**, not on whether you personally agree with the proposed project.
- **Group Feedback (2 points): December 9**
 - Based on ratings from group members for effort, reliability, and quality of contributions.
 - Individual scores may be adjusted based on peer input.



3. **Assignments (30%):** There will be 6 assignments. The assignments are designed to facilitate academic application and integration of concepts presented in lecture.

Objective: The assignments are designed to facilitate academic application and integration of course concepts by requiring students to analyze material from lectures and discussions, integrate additional research, and communicate their reasoning effectively in essay form.

Guidelines:

- Throughout the term, 6 assignments (equally weighted)
 - Length: 500 words without references unless otherwise stated
 - Essay format
 - Due 7-10 days after assignment is posted on OWL
- Questions originate from lecture material and topic discussion sessions (see section 4 below)
- Additional research and/or reading will be required
- Example question: In lecture, we learned that liver morphology can differ between pigs and humans. Do these differences matter for the medical sciences and/or the one health paradigm? Why or why not? Provide an example to support your claim.

4. **Participation (15%):** There will be 6 equally weighted discussion sessions. The discussions are designed to allow students a dynamic forum to engage with the course content and themes. If students are unable to attend the discussion session, an alternate written assignment will need to be completed for credit.

Guidelines:

- 6 equally weighted sessions
 - Background reading will be assigned (posted on OWL week prior to class)
 - Students are expected to have read the assigned materials, actively participate in the discussion and writing activities.
 - Results of the activities will need to be submitted for credit (instructions will be provided during class).

5. **Final Exam (30%):** To be scheduled

Guidelines:

- The final exam is the culmination of the course. It will be a closed-resource, in-class essay exam that requires applying key concepts and relevant details from lecture, with emphasis on critical thinking and synthesis.
 - A laptop or other appropriate electronic device will be required to take the exam. Only OWL Brightspace and Gradescope will be utilized.
 - Assisted technology (i.e. Search engines, AI tools) will not be allowed
- The questions will require a paragraph or short essay.
 - There will be no multiple choice questions.

