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# ANSC\*2210 - Principles of Animal Care and Welfare

## Winter 2026 Course Outline

**Section: 01**

**Credits: 0.50**

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## Land Acknowledgement: Guelph

The University of Guelph resides on the ancestral lands of the Attawandaron people and the treaty lands and territory of the Mississaugas of the Credit. We recognize the significance of the Dish with One Spoon Covenant to this land and offer respect to our Anishinaabe, Haudenosaunee and Métis neighbours. Today, this gathering place is home to many First Nations, Inuit, and Métis peoples and acknowledging them reminds us of our important connection to this land where we work and learn.

## Calendar Description

Students will be introduced to the major ethical theories that deal with humanity's duties to animals. The relationship of ethics to science will be discussed. Factors that contribute to the quality of life of animals will be considered and methods of assessing animal welfare will be described. Common causes of reduced animal welfare will be covered. The course will also deal with how different cultures approach animal welfare and attempt to regulate it.

**Prerequisite(s):** 1 of AGR\*1350, AGR\*2350, EQN\*1010

**Restriction(s):** ANSC\*1210. Restricted to students in BSCH.ABIO, BBRM.EQM, and BSAG majors/minor.

**Department(s):** Department of Animal Biosciences

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## Course Description

This class delves into the science of animal welfare, exploring both historical and current methods for understanding and assessing it. We will define animal welfare, learn how to evaluate it and examine the relationships between animal health, species-specific behaviours, and psychological well-being. In addition to discussing general animal welfare concepts, we will also focus on species-specific welfare issues in animals kept in human-managed systems.

## Lecture Schedule

Th 7pm-9:50pm in ROZH\*101 (1/5 to 4/21)

Timetable is subject to change. Please see WebAdvisor for the latest information.

## Instructor Information

### **Dr. Alexandra Harlander**

Instructor

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Course Coordinator

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## Learning Resources

### Required Resources

CourseLink (website) will be used to disseminate all course information, including lecture material, supplementary readings, grades, and any additional information regarding course content, assignments and proceedings (e.g. lecture schedules, due dates, course syllabus, etc.)

### Campus Resources

If you are concerned about any aspect of your academic program: Make an appointment with a Program Counsellor (<https://www.uoguelph.ca/uaic/programcounsellors>) in your degree program. If you are struggling to succeed academically: There are numerous academic resources offered by the Learning Commons (<https://www.lib.uoguelph.ca/using-library/spaces/learning-commons>) including, Supported Learning Groups for a variety of courses, workshops related to time management, taking multiple choice exams, and general study skills.

## Cost of Textbooks and Learning Resources

*There are no costs for textbooks or other learning resources.*

Textbook / Learning Resource	Required / Recommended	Cost
N/A		-

## Course Learning Outcomes

1. Understand the principles of animal care and welfare .
2. Appreciate the relationship of ethics to science.
3. Justify a moral point of view.
4. Interpret and critically evaluate the literature on animal welfare.
5. Be sensitive to other people's values and views.
6. Make objective judgements on animal welfare.
7. Be creative in solving welfare problems.
8. Present views on animal welfare in a well-structured and convincingly-argued way, through written papers and oral presentations.

## Schedule of Topics

Day	Date	Topic	Activities	Due
Thu	1/8	Information pertaining to the course, teaching team, assessments and expectations. General Animal Welfare Science I		
Thu	1/15	Animal Welfare Science II		
Thu	1/22	Animal Welfare Science III		
Thu	1/29	Animal Welfare Science IV		
Thu	2/5	Animal Welfare Science V		
Thu	2/12	Animal Welfare Science VI		
Thu	2/19	Winter Break		
Thu	2/26	Midterm Exam		
Thu	3/5	Animal Welfare Science VII		
Thu	3/12	Animal Welfare Science VIII		
Thu	3/19	Animal Welfare Science IX		



Thu	3/26	Animal Welfare Science X
Thu	4/2	No Class
Thu	4/9	No Class
Thu	4/16	No Class

## Assessment Breakdown

Description	Weighting (%)	Due Date
Assignment # 1 <i>Learning Outcomes:</i> 1,3,5,8	20%	February 9, 2026
Midterm Exam <i>Learning Outcomes:</i> 1,2,3,6	30%	February 26, 2026
Assignment # 2 <i>Learning Outcomes:</i> 1,4,5, 6,7,8	20%	March 9, 2026
Final Exam <i>Learning Outcomes:</i> 1,2,3,4,6,7	30%	April 14, 2026 Please see WebAdvisor closer to the date of the scheduled final for date, time and location

## Final Exam

Date: Apr 14

Time: Tu 8:30am-10:30am

Location: TBA *Please see Web Advisor closer to the date of scheduled final for location.*

To understand rules and regulations regarding Examinations students are encouraged to read Student's Responsibilities (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/examinations/>)

If the student is unable to meet the final exam requirements due to medical, psychological or compassionate circumstances they are encouraged to review Student's Responsibilities in the Academic Consideration, Appeals and Petitions (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/>) section of the Academic Calendar.

## Last Day to Drop Course

The final day to drop Winter 2026 courses without academic penalty is the last day of classes: April 06

After this date, a mark will be recorded, whether course work is completed or not (a zero is assigned for missed tests/assignments). This mark will show on the student's transcript and will be calculated into their average.

## Course Grading Policies

### Submission of Assignments

This course will use Courselink. Assignments should be submitted electronically via the on line CourseLink tool. When submitting your assignments, do not leave the page until your assignment has successfully uploaded. To verify that your submission was complete, you can view the submission history immediately after the upload to see which files uploaded successfully.

The system will also email you a receipt. Save this email receipt as proof of submission.

Be sure to keep a back-up copy of all of your assignments in the event that they are lost in transition. In order to avoid any last-minute computer problems, your instructor strongly recommend you save your assignments to a cloud-based file storage (e.g., OneDrive), or send to your email account, so that should something happen to your computer, the assignment could still be submitted on time or re-submitted.

It is your responsibility to submit your assignments on time as specified on the Schedule. Be sure to check the technical requirements and make sure you have the proper computer, that you have a supported browser, and that you have reliable Internet access. Remember that technical difficulty is not an excuse not to turn in your assignment on time. Don't wait until the last minute as you may get behind in your work.



If, for some reason, you have a technical difficulty when submitting your assignment electronically, please contact Courselink Support.

## Late Assignment

Late assignments will be penalized by 20% of the assignment grade each and every day they are late.

Reweighting of assignments or exams is not permitted under any circumstances. This means that if an assignment or exam is missed, its weight will not be transferred to other assessments.

## Course Standard Statements

### Course Policies

#### Course Technology Requirements

##### Courselink

This course will be using Courselink (powered by D2L's Brightspace), the University of Guelph's online learning management system (LMS). By using this service, you agree to comply with the University of Guelph's Access and Privacy Guidelines. Please visit the D2L website to review the Brightspace privacy statement and Brightspace Learning Environment web accessibility standards.

<http://www.uoguelph.ca/web/privacy/> <https://www.d2l.com/legal/privacy/> <https://www.d2l.com/accessibility/standards/>

##### Courselink System Requirements

You are responsible for ensuring that your computer system meets the necessary system requirements. Use the browser check tool to ensure your browser settings are compatible and up to date.

If you need any assistance with the Course Link website, contact Courselink Support. Email: [courselink@uoguelph.ca](mailto:courselink@uoguelph.ca)

Tel: 519-824-4120 ext. 56939 Toll-Free (CAN/USA): 1-866-275-1478

## Standard Statements for Undergraduate Courses

### Academic Integrity

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

The Academic Misconduct Policy (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-misconduct/>) is outlined in the Undergraduate Calendar.

### Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability. Use of the SAS Exam Centre requires students to make a booking at least 10 days in advance, and no later than the first business day in November, March or July as appropriate for the semester. Similarly, new or changed accommodations for online quizzes, tests and exams must be approved at least a week ahead of time. For students at the Guelph campus, information can be found on the SAS website. (<https://www.uoguelph.ca/sas>)

### Accommodation of Religious Obligations

If you are unable to meet an in-course requirement due to religious obligations, please email the course instructor within two weeks of the start of the semester to make alternate arrangements.



See the Academic calendar for information on regulations and procedures for Academic Accommodations of Religious Obligations (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-accommodation-religious-obligations/>).

## Copies of Out-of-class Assignments

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

## Drop Date

Students will have until the last day of classes to drop courses without academic penalty. The deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all undergraduate students except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in the Undergraduate Calendar - Dropping Courses (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/dropping-courses/>).

## Email Communication

As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.

## Health and Wellbeing

The University of Guelph provides a wide range of health and wellbeing services at the Vaccarino Centre for Student Wellness (<https://wellness.uoguelph.ca/>). If you are concerned about your mental health and not sure where to start, connect with a Student Wellness Navigator (<https://wellness.uoguelph.ca/navigators>) who can help develop a plan to manage and support your mental health or check out our mental wellbeing resources (<https://wellness.uoguelph.ca/shine-this-year>). The Student Wellness team are here to help and welcome the opportunity to connect with you.

## Illness

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g., final exam or major assignment).

## Recording of Materials

Presentations that are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a student, or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

## Resources

The Academic Calendars (<http://www.uoguelph.ca/registrar/calendars/?index>) are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.

## When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. See the Undergraduate Calendar for information on regulations and procedures for Academic Consideration. (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/>)