



# **ANSC\*6740 Special Topics in Applied Animal Welfare Science**

## **Dairy Cattle Welfare**

Summer 2020

Section(s): C01

Department of Animal Biosciences

Credit Weight: 0.50

Version 1.00 - April 15, 2020

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## **1 Course Details**

### **1.1 Calendar Description**

A lecture/seminar course covering in depth topics in applied animal welfare science. The course will review the scientific research into the welfare of a specific animal species or a specific animal welfare problem common across species, focusing on the main threats to welfare, relevant indicators of welfare, and possible solutions to improve welfare.

### **1.2 Course Description**

This graduate course explores in depth the scientific evaluation and improvement of dairy cattle welfare. Course content will include an overview of the scientific literature as it pertains to the primary threats to the welfare of dairy cattle. Practical solutions related to the improvement of the welfare of these animals will also be assessed. Students will have a chance to critically analyse the current scientific literature as it pertains to the welfare of dairy cattle, and use their knowledge to propose new science to address these issues and improve dairy cattle welfare.

### **1.3 Timetable**

Class Schedule and Location:

1 - Wednesday May 20th, 9:00am - online

2 - Thursday May 21st, 9:00am - online

3 - Friday May 22nd, 9:00am - online

4 - Monday May 25th, 9:00am - online

5 - Tuesday May 26th, 9:00am - online

## 1.4 Final Exam

No final exam for this course.

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## 2 Instructional Support

### 2.1 Instructional Support Team

**Instructor:** Trevor DeVries  
**Email:** tdevries@uoguelph.ca  
**Telephone:** +1-519-824-4120 x54081  
**Office:** ANNU 237  
**Office Hours:** Instructors for this course have no office hours.  
Contact the instructor through email to set up an appointment

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## 3 Learning Resources

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## 4 Learning Outcomes

### 4.1 Course Learning Outcomes

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

1. Introduce students to dairy Cattle welfare science.
  2. Identify the animal welfare issues associated with dairy cattle production systems.
  3. Critique science-based measures used to evaluate those issues identified.
  4. Identify scientifically-based, practical solutions to those issues.
  5. Critically evaluate the scientific literature and identify new areas of research.
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## 5 Teaching and Learning Activities

### 5.1 Lecture

**Topics:**

The course will be delivered in an intensive format over a period of 5 days - this will be done remotely through an online meeting platform. During this time period, remote contact time will include lectures, discussion, and student presentations. At the end of this intensive class period, students will write a 'concise' literature review on a specific topic related to dairy cattle welfare. This review will be due, and presented to the class, ~8-10 weeks later.

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## 6 Assessments

### 6.1 Marking Schemes & Distributions

**Students will be evaluated on:**

Class Assignments: 35%

Participation in general discussion: 35%

Short literature review (on a topic related to welfare of the species): 15%

Presentation of that literature review to the class: 15%

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## 7 University Statements

### 7.1 Email Communication

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

### 7.2 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. The grounds for Academic Consideration are detailed in the Undergraduate and Graduate Calendars.

Undergraduate Calendar - Academic Consideration and Appeals

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml>

Graduate Calendar - Grounds for Academic Consideration

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

Associate Diploma Calendar - Academic Consideration, Appeals and Petitions

<https://www.uoguelph.ca/registrar/calendars/diploma/current/index.shtml>

### **7.3 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 students (undergraduate, graduate and diploma) 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 their respective Academic Calendars.

Undergraduate Calendar - Dropping Courses

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml>

Graduate Calendar - Registration Changes

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/genreg-reg-regchg.shtml>

Associate Diploma Calendar - Dropping Courses

<https://www.uoguelph.ca/registrar/calendars/diploma/current/c08/c08-drop.shtml>

### **7.4 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.

### **7.5 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 book their exams at least 7 days in advance and not later than the 40th Class Day.

For Guelph students, information can be found on the SAS website  
<https://www.uoguelph.ca/sas>

For Ridgetown students, information can be found on the Ridgetown SAS website  
<https://www.ridgetownc.com/services/accessibilityservices.cfm>

## 7.6 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 encourages academic integrity. 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.

Undergraduate Calendar - Academic Misconduct  
<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml>

Graduate Calendar - Academic Misconduct  
<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

## 7.7 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.

## 7.8 Resources

The Academic Calendars are the source of information about the University of Guelph's procedures, policies, and regulations that apply to undergraduate, graduate, and diploma programs.

Academic Calendars  
<https://www.uoguelph.ca/academics/calendars>