



AGR*2350 Animal Production Systems, Health and Industry

Fall 2019
Section(s): C01

Department of Animal Biosciences
Credit Weight: 0.50
Version 1.00 - August 23, 2019

1 Course Details

1.1 Calendar Description

This course is designed to introduce the student to the Agri-food system in Ontario, nationally and internationally. All major animal industries will be covered starting from the grocery store and working back to the primary producer. Companion and exotic animals will also be covered. Topics include food, health and wellness (domestic animals and human), nutrition, housing, genetics, reproduction, husbandry practices and processing. . The course includes laboratories and animal production unit tours.

Pre-Requisites: BIOL*1030 or (2 of BIOL*1050, BIOL*1070, BIOL*1080, BIOL*1090)

1.2 Timetable

Lectures Tues/Thurs 10:00am - 11:20am ROZH rm 101

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

1.3 Final Exam

Final Exam scheduled Thursday December 12th, 11:30am - 1:30pm, Location: TBA

Exam time and location is subject to change. Please see WebAdvisor for the latest information.

2 Instructional Support

2.1 Instructional Support Team

Instructor: Katharine Wood
Email: kwood@uoguelph.ca
Telephone: +1-519-824-4120 x53695
Office: ANNU 236
Office Hours: Before and after class/lab or by appointment

2.2 Teaching Assistants

Teaching Assistant: Kortney Acton
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Teaching Assistant: Lauralise Buss
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Teaching Assistant: Kerry Houlahan
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Teaching Assistant: Carolina Reyes Rodriguez
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Teaching Assistant: Katie Trottier
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Teaching Assistant: Melissa Williams
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Office Hours: By appointment only

Teaching Assistant: Angela Wilson
Email: awilso17@uoguelph.ca
Office Hours: By appointment only

3 Learning Resources

3.1 Required Resources

Course materials will be provided on CourseLink. (Website)

3.2 Field Trips

See lab schedule.

3.2 Additional Costs

Some labs will be field trips and require closed toe shoes to enter farms.

4 Learning Outcomes

4.1 Course Learning Outcomes

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

1. Understand the basic structure of the industry and general production practices for all major livestock production species in Canada. Including topics relating to husbandry and management, nutrition, health, welfare, genetics, and reproduction of each of the major livestock species.
 2. Understand the role of livestock production systems in the Canadian and global economy.
 3. Understand and critically evaluate current issues facing livestock agriculture in Canada.
 4. Effectively communicate a position surrounding key issues in the livestock industry.
 5. Understand how new technologies can advance livestock production practices.
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5 Teaching and Learning Activities

The first lecture will commence on Thursday, Sept. 6th

Topics covered in lecture include:

- Importance of animal agriculture to our economy
- Historical context /background of animal agriculture
- Dairy production
- Writing journalistically
- Beef production
- Livestock feeds and feeding
- Swine production
- Poultry production
- Small ruminant production
- Aquaculture

- Equine industry
- Alternative livestock
- Pet industry
- Career opportunities in animal productions

For each major livestock industry topics covered include: state of the industry, product supply and marketing, basic management, nutrition, reproduction, health and opportunities and challenges, and current issues

There will also be a number of guest lectures in this course. All material presented in class (including those from guest lecture) is considered testable material.

Lecture order is subject to change from the above list. All lecture materials will be posted to courselink, with the exception of guest lectures, which will be provided at the guest lecturer's discretion.

5.1 Lab Schedule

Week of:	Lab Topic:
Sept 9 th	NO LABS
Sept 16 th	NO LABS
Sept 23 rd	Lab 1: Beef/Dairy station tours
Sept 30 th	Lab 2: Beef/Dairy station tours
Oct 7 th	Writing Help/Workshop (optional)
Oct 14 th	FALL BREAK-NO LABS on M, T, Wed, Thurs section 107 Aquaculture Tour

Oct 21 st	Lab 3: Aquaculture tours (Odd numbered sections), 107 no lab this week)
Oct 28 th	Lab 4: Aquaculture tours (Even number labs)
Nov 5 th	NO LABS
Nov 11 th	Lab 6: Feed Lab (in classroom) Odd numbered sections 1st half, Even numbered sections 2nd half
Nov 18 th	Lab 8: Livestock Tools Lab (in classroom) Odd numbered sections 2nd half Even numbered section 1st half
Nov 25 th	NO LABS - Lab Quiz open online

5.2 Note

- Please refer to notices on CourseLink for tour and lab schedule. **All dates and topics are subject to change.**
- For farm tours, no open toed shoes allowed.
- Laboratory quiz (5% - online) covers material from tours as well as in-classroom sessions

6 Assessments

6.1 Marking Schemes & Distributions

Name	Scheme A (%)
Midterm Exam	30

Name	Scheme A (%)
Popular Press Article	10
Online Discussions	15
Lab Quiz -Online	5
Final Exam	40
Total	100

6.2 Assessment Details

Midterm Exam (30%)

Date: Tue, Oct 22, In Class

Learning Outcome: 1, 2, 3, 4, 5

Lab Quiz (5%)

Date: Mon, Nov 25, 12:02 AM - Sun, Dec 1, 11:58 PM, Online

Learning Outcome: 1, 2, 3, 4, 5

Open week of Nov. 25th

Online Discussion (15%)

Date: Various

Learning Outcome: 1, 2, 3, 4, 5

Online Discussion (15% of final grade, 5% for each topic):

- Students will be required to participate in three scholarly over current hot-topics within the livestock industry. Students will be assigned to a forum board in CourseLink.

Topic one: Opens Monday Sept 30th, Closes Sun Oct 6th

Topic two: Opens Monday Nov 4th, Closes Sun Nov 10th

Topic three: Opens Monday Nov 25th, Closes Dec 1st

Popular Press Article (10%)

Date: Tue, Oct 15, 11:58 PM

Learning Outcome: 1, 2, 3, 4

To be submitted online via courselink through the "Dropbox" feature

Further details about this assignment will be on courselink

Attending the guest lecture from Owen Roberts on writing for popular press will also help support this assignment

Final Exam (40%)

Date: Date TBD
Location: TBA

7 Course Statements

7.1 Grading Policies

Completion of both examinations (midterm and final) is required to receive credit for the course. The course will follow Undergraduate Grading Procedures found under Grades for VIII. Undergraduate Degree regulations and Procedures in the 2018-2019 undergraduate calendar.

Exam questions will be based **ENTIRELY** on the lectures and lab materials, and includes material presented by guest lecturers. The format of the exam will include short and long answer questions. Students may require a basic calculator for the exams, however cellular phones will not be permitted as a calculator. SAS students are encouraged to schedule their exams earlier in the day for the midterms and final so that Dr. Wood can visit the SAS exam centre and ask SAS students if they have questions. For students who have missed an exam, we reserve the right to change the format of the exam for students who miss the scheduled midterm and final.

Course policy regarding late submission of projects/assignments: there are assigned due dates for students to hand in the major project. Marks will be deducted for late assignments with a 10%-mark reduction for every day the assignment is not handed in. Students will receive a zero for the assignment if the assignment has not been handed in within 5 days after the due date has passed, unless there are extenuating circumstances.

Any re-grading of assignments will be done by the course instructor, and assignments will be re-graded in its entirety. Therefore the grade may be higher, equal to, or lower than the originally assigned grade.

7.2 Course Policy regarding use of electronic devices and recording of lectures

Electronic recording of classes is expressly forbidden without consent of the instructor. When recordings are permitted they are solely for the use of the authorized student and may not be reproduced, or transmitted to others, without the express written consent of the instructor.

8 University Statements

8.1 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.

8.2 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>

8.3 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>

8.4 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.

8.5 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>

8.6 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>

8.7 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.

8.8 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>
