



AGR*2350 Animal Production Systems, Health and Industry

Fall 2020
Section(s): C01

Department of Animal Biosciences
Credit Weight: 0.50
Version 1.00 - September 11, 2020

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

This course is being offered in the synchronous delivery (recorded) format.

Lectures Tues/Thurs 10:00am - 11:20am will be delivered live via the Zoom platform.

Students are should login to Zoom using their U of G account for security purposes. These live lectures will be recorded and links to the recordings will be available via the "lecture recordings" tab on Courselink. Note that recording links take about 24h to become available on the Zoom cloud and therefore will be delayed about 24 hours from the live lecture.

Links to Zoom lectures and labs/office hours will be provided via Courselink under the "Lecture or Lab ZOOM Links" tab. Note that to ensure security on the platform the Zoom links will be changing periodically throughout the course, so please follow Courselink links to access live lectures and or lab sessions

Students are highly encouraged to attend live lecture and participate in discussions and polls

In the event of technical difficulties during the live lecture (Zoom outages, etc.) the lecture will be recorded and made available for students as soon as possible. Students will be responsible for viewing the lecture recording on their own time, ideally before the next scheduled class day.

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

1.3 Final Exam

Final Exam scheduled Monday December 14th, 7pm - 9pm, 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
Email:	acton@uoguelph.ca
Office Hours:	By appointment only
Teaching Assistant:	Emily Conlin
Email:	econlin@uoguelph.ca
Office Hours:	By appointment only
Teaching Assistant:	Kerry Houlahan
Email:	khoulaha@uoguelph.ca
Office Hours:	By appointment only
Teaching Assistant:	Patricia Kedzierski
Email:	pkedzier@uoguelph.ca
Office Hours:	By appointment only
Teaching Assistant:	Carolina Reyes Rodriguez
Email:	greyesro@uoguelph.ca
Office Hours:	By appointment only
Teaching Assistant:	Vanessa Rotondo
Email:	vrotondo@uoguelph.ca

Teaching Assistant:	Hannah Sweett
Email:	hsweett@uoguelph.ca
Teaching Assistant:	Melissa Williams
Email:	mwilli20@uoguelph.ca
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)

All lectures and lecture recordings will be posted on Courselink.

Please note that links to lecture recordings take approximately 24 hours to render on the Zoom cloud server, and therefore will be about a day behind the date in which they were recorded.

There is no required textbook for this course

i. System and Internet Requirements (Other)

System and Software Requirements

This course will use a variety of technologies including;

- *CourseLink (main classroom)*
- *Zoom*
- *Respondus LockDown Browser*

To help ensure you have the best learning experience possible, please review the list of system and software requirements.

<https://opened.uoguelph.ca/student-resources/system-and-software-requirements>

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. (Results will be displayed in a new browser window).

<http://spaces.uoguelph.ca/ed/system-requirements/>
<https://courselink.uoguelph.ca/d2l/systemCheck>

This course is being offered 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/>

Technical Support

If you need any assistance with the software tools or the CourseLink website, contact CourseLink Support.

Email: courselink@uoguelph.ca

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

Support Hours (Eastern Time):

Monday thru Friday: 8:30 am–8:30 pm

Saturday: 10:00 am–4:00 pm

Sunday: 12:00 pm–6:00 pm

Zoom

This course will use Zoom for lectures. Check your system requirements to ensure you will be able to participate.

<https://opened.uoguelph.ca/student-resources/system-and-software-requirements>

3.2 ii. Communicating with your instructor

During the course, your instructor will interact with you on various course matters on the course website using the following ways of communication:

- **Announcements:** The instructor will use **Announcements** on the Course Home page to provide you with course reminders and updates. Please check this section frequently for course updates from your instructor.
- **Ask Your TA Discussion:** Use this discussion forum to ask questions of your instructor about content or course-related issues with which you are unfamiliar. If you encounter difficulties, the instructor is here to help you. Please post general course-related

questions to the discussion forum so that all students have an opportunity to review the response. To access this discussion forum, select **Discussions** from the **Tools** dropdown menu.

- **Email:** If you have a conflict that prevents you from completing course requirements, or have a question concerning a personal matter, you can send your instructor a private message by email. The instructor will attempt to respond to your email within 24 hours. **Please e-mail the course email first at agr2350@uoguelph.ca**
- **Video Call:** If you have a complex question you would like to discuss with your instructor, you may book a video meeting appointment with your Instructor. Video meetings depend on the availability and are booked on a first come first served basis.
- **Open office hours:** TAs will have open office hours on scheduled lab days from 2:30pm until 3pm or later if needed, unless otherwise stated on courselink. This will be facilitated via the courses ZOOM link, provided on Courselink

3.2 iii. Netiquette Expectations

iii. Netiquette Expectations

The course website is considered the classroom and the same protections, expectations, guidelines, and regulations used in face-to-face settings apply. Inappropriate behaviour will not be tolerated. Examples of inappropriate online behaviour include:

- Posting inflammatory messages about your instructor or fellow students;
- Using offensive language;
- Copying or presenting someone else's work as your own;
- Adapting information from the Internet without using proper citations or references;
- Buying or selling term papers or assignments;
- Posting or selling course materials to course notes websites;
- Having someone else complete your quiz or completing a quiz for/with another student;
- Stating false claims about lost quiz answers or other assignment submissions;
- Threatening or harassing a student or instructor;
- Discriminating against fellow students, instructors, and/or TAs;
- Using the course website to promote profit-driven products or services;
- Attempting to compromise the security or functionality of the learning management system; and
- Sharing your username and password.

3.2 iv. Dropbox Submissions

Assignments should be submitted electronically via the online **Dropbox** tool. When submitting your assignments using the **Dropbox** tool, 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 your instructor or CourseLink Support.

<http://spaces.uoguelph.ca/ed/contact-us/>

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. 10th

Topics covered in lecture include:

- Importance of animal agriculture to our economy
- Historical context /background of animal agriculture
- Dairy production
- Beef production
- Writing journalistically
- 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:
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Sept 14th	No Lab
Sept 21st	No Lab
Sept 28th	Dairy
Oct 5th	Beef
Oct 12th	FALL BREAK-NO LABS
Oct 19th	Sheep and Goats
Oct 26th	Drop-in Writing Help (optional)
Nov 2nd	Feeds Lab
Nov 9th	Pigs
Nov 16th	Poultry
Nov 23rd	Livestock Tools
Nov 30th	Aquaculture and Equine

5.2 Note

Important Information for Labs

- Students will be expected to view all the videos/virtual tours in the links provided and complete the associated lab quiz each week. Quizzes will be 25 min in length and about 15-20 multiple-choice, true/false, matching, etc. questions. Students will only have one attempt at each lab quiz.
- The lab quizzes will only be open for the week in which they are assigned, and must be completed by the Sunday night of each week by 11:59 pm.
- Please do not leave completing the lab quiz until the last minute. Technical difficulties are not an excuse for not completing the lab quizzes on time.

During scheduled lab times, TAs will be available via the Zoom link to answer any questions about lecture or lab materials. The live office hour will start at 2:30 and end at 3pm unless there is continued questions/discussion in which the TA will stay live until the end of questions or end of the lab period. Link to Zoom lab will be provided via Courselink.

6 Assessments

6.1 Marking Schemes & Distributions

Name	Scheme A (%)
Midterm Exam	25
Popular Press Article	10
Online Discussions (3 x 5% each)	15
Lab Quizzes (8 x 2.5% each)	20
Final Exam	30
Total	100

6.2 Assessment Details

Midterm Exam (25%)

Date: Tue, Oct 27, Online During Class Time

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

Midterm will be online via the Respondus Lockdown Browser

Students who are unable to write during this time must contact the instructor via e-mail at least two days prior to the exam to arrange for an alternative time to complete the exam

Lab Quizzes (20%)

Date: Various, Online

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

8 online quizzes x 2.5% each

After you have viewed the video "virtual tours" for each week, you must complete the weekly online lab quiz (via Courselink) associated with that module. Quizzes will be due by 11:59pm of the Sunday night of the week of the lab module

(See Lab Schedule for complete list of dates)

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 28th, Closes Sun Oct 4th

Topic two: Opens Monday Nov 2nd, Closes Sun Nov 8th

Topic three: Opens Monday Nov 23rd, Closes Sun Nov 29th

Each topic is worth 5%:

- 3% will be for the student opening argument/position on the topic and should include support for their position.
- 2% will be awarded for participating in the discussion of other students

Please note that the discussion should remain academic in nature and civil. Any personal attacks or unsuitable language will result in a grade of zero for the topic

Popular Press Article (10%)

Date: Sun, Nov 1, 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 (30%)

Date: Mon. Dec. 14th 7-9pm

Online via Respondus Lockdown Browser

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

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. Any material from this course is not for external distribution, unless granted permission by 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>

8.9 Disclaimer

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings and academic schedules. Any such changes will be announced via CourseLink and/or class email. All University-wide decisions will be posted on the COVID-19 website (<https://news.uoguelph.ca/2019-novel-coronavirus-information/>) and circulated by email.

8.10 Illness

The University will not normally require verification of illness (doctor's notes) for fall 2020 or winter 2021 semester courses. However, requests for Academic Consideration may still require medical documentation as appropriate.
