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-Requisite(s): BIOL*1030 or (2 of BIOL*1050, BIOL*1070, BIOL*1080, BIOL*1090)

1.2 Timetable

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

1.3 Final Exam

Final Exam scheduled Friday December 7th, 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 Instructor(s)

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 Assistant(s)
3 Learning Resources

3.1 Required Resource(s)

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.

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

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

<table>
<thead>
<tr>
<th>Week of:</th>
<th>Lab Topic:</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td>Date</td>
<td>Event Description</td>
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<td>------------------------------------------</td>
</tr>
<tr>
<td>Sept 10th</td>
<td>NO LABS</td>
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<tr>
<td>Sept 17th</td>
<td>Lab 1: Beef/Dairy station tours</td>
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<tr>
<td>Sept 24th</td>
<td>Lab 2: Beef/Dairy station tours</td>
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<tr>
<td>Oct 1st</td>
<td>TAs available for help on writing assignment</td>
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<tr>
<td>Oct 8th</td>
<td>FALL BREAK - NO LABS</td>
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<tr>
<td>Oct 15th</td>
<td>Lab 3: Aquaculture/Poultry tours</td>
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<tr>
<td>Oct 22nd</td>
<td>Lab 4: Aquaculture/Poultry tours</td>
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<tr>
<td>Oct 29th</td>
<td>NO LABS</td>
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<tr>
<td>Nov 5th</td>
<td>NO LABS</td>
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<tr>
<td>Nov 12th</td>
<td>Lab 6: Feed Lab (in classroom)</td>
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<tr>
<td>Nov 19th</td>
<td>Lab 8: Livestock Tools Lab (in classroom)</td>
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<tr>
<td>Nov 26th</td>
<td>NO LABS - Lab Quiz open online</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Scheme A (%)</th>
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</thead>
<tbody>
<tr>
<td>Midterm Exam</td>
<td>25</td>
</tr>
<tr>
<td>Popular Press Article</td>
<td>10</td>
</tr>
<tr>
<td>Online Discussions</td>
<td>15</td>
</tr>
<tr>
<td>Lab Quiz -Online</td>
<td>5</td>
</tr>
<tr>
<td>Letters to the Editor Assignment</td>
<td>10</td>
</tr>
<tr>
<td>Final Exam</td>
<td>35</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
</tr>
</tbody>
</table>

6.2 Assessment Details

**Midterm Exam (25%)**

**Date:** Thu, Oct 18, In Class

**Lab Quiz (5%)**

**Date:** Mon, Nov 26, 12:02 AM - Sun, Dec 2, 11:58 PM, Online

Open week of Nov. 26th

**Online Discussion (15%)**

**Date:** Various

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 Oct 1rd, Closes Sun Oct 7th
  - Topic two: Opens Monday Nov 6th, Closes Sun Nov 11th
  - Topic three: Opens Monday Nov 19th, Closes Sun Nov 25th

**Popular Press Article (10%)**

**Date:** Mon, Oct 8, 11:58 PM

To be submitted online via courselink.
Letters to the editor (10%)

Date: Sun, Nov 11, 11:58 PM
This project is to be submitted online via courselink

Further details about this assignment will be available on courselink after the midterm

Final Exam (40%)

Date: Fri, Dec 7, 11:30 AM - , 1:30 PM
Location TBA

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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. 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 5%-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 7 days after the due date has passed, unless there are extenuating circumstances.

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.

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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 regulations and procedures for Academic Consideration are detailed in the Undergraduate Calendar.

8.3 Drop Date

Courses that are one semester long must be dropped by the end of the fortieth class day; two-semester courses must be dropped by the last day of the add period in the second semester. The regulations and procedures for Dropping Courses are available in the Undergraduate Calendar.

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.

More information: www.uoguelph.ca/sas

8.6 Academic Misconduct

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 is detailed in the Undergraduate Calendar.
8.7 Recording of Materials

Presentations which are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate 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 which apply to undergraduate, graduate and diploma programs.