1 Course Details

1.1 Calendar Description

This course takes a multi-species approach to understanding the basic principles of animal reproduction. Both the anatomy and the physiology of reproductive systems are explored in agricultural, companion and wildlife species with an emphasis on animals under human management. In addition, the development and application of assisted reproductive technologies (ART) for animal management are introduced.

Pre-Requisites: ANSC*3080

1.2 Course Description

This course takes a multi-species approach to understanding the basic principles of reproduction in domestic animals. The developmental biology, the anatomy and the physiology of reproductive systems in ruminants, swine, equine, canine, feline, and birds are explored. In addition, the development and application of reproductive technologies for animal management are discussed.

1.3 Timetable

Lectures: Mondays, Wednesdays, Fridays, 1:30 p.m. - 2:20 p.m., synchronous delivery using Zoom. Lectures will be recorded and made available in Courselink. Nonetheless, we strongly recommend students to attend virtual lectures for three main reasons:

1. Keep on schedule – lectures and lab contents build on each other as the semester progresses. Thus, it is important to stay up-to-date with course material
to perform well on this course. Attending live lectures helps students to keep on track.

2. **Live interaction with instructors** – a teaching assistant will be present in each lecture and will monitor the chat box in Zoom, asking questions that are posted by students to the instructor during lecture.

3. **Possible technological problems with recording** – although it is unexpected, the recording process might fail because of unforeseen circumstances and, in this situation, the responsible instructor will not redo the lecture for a new recording process. Thus, no video will be available if this situation happens.

**Laboratories**: Tuesdays or Thursdays, synchronous delivery using **Teams** according to the following schedule:

- Section 0106: Tuesdays 8:30 a.m. - 10:00 a.m.
- Section 0101: Tuesdays 10:00 a.m. - 11:30 a.m.
- Section 0102: Tuesdays 11:30 a.m. - 1:00 p.m.
- Section 0103: Tuesdays 1:00 p.m. - 2:30 p.m.
- Section 0104: Tuesdays 2:30 p.m. - 4:00 p.m.
- Section 0105: Tuesdays 4:00 p.m. - 5:30 p.m.

The initial introduction of each lab (standard to all lab sections) will be recorded and made available in CourseLink. Live discussions and demonstrations in each section will not be recorded.

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

**1.4 Final Exam**

April 19, 2021, 8:30am-10:30am, conducted online through CourseLink.

Date and time are subject to change. Please see WebAdvisor for the latest information.

**2 Instructional Support**
2.1 Instructional Support Team

Instructor: Eduardo Ribeiro
Email: eribeiro@uoguelph.ca
Telephone: +1-519-824-4120 x56516
Office: ANNU 137
Office Hours: Thursdays 5 p.m. to 6 p.m., online via CourseLink Zoom.

Lab Co-ordinator: Robert Jones
Email: rjones12@uoguelph.ca
Telephone: +1-519-824-4120 x56891
Office: ANNU 255
Office Hours: TBA

2.2 Teaching Assistants

Teaching Assistant: Bruna Mion
Email: bmion@uoguelph.ca
Office: ANNU 110
Office Hours: TBA

Teaching Assistant: George Hall
Email: ghall02@uoguelph.ca
Office: ANNU 110
Office Hours: TBA

Teaching Assistant: Reem Sabry
Email: rsabry@uoguelph.ca
Office: ANNU 110
Office Hours: TBA

Teaching Assistant: Bryn Van Winters
Email: bvanwint@uoguelph.ca
Office: ANNU 110
Office Hours: TBA

Teaching Assistant: Guilherme Madureira
Email: matureig@uoguelph.ca
Office: ANNU 110
Office Hours: TBA

Teaching Assistant: Mimi Nguyen
Email: mnguye06@uoguelph.ca
Office: ANNU 110
Office Hours: TBA

Teaching Assistant: Renee Hilker
Email: hilkerr@uoguelph.ca
Office: ANNU 110
Office Hours: TBA
2.3 Netiquette Expectations

Inappropriate online behaviour will not be tolerated. Examples of inappropriate online behaviour include:

· Posting inflammatory messages about your instructor or fellow students

· Using obscene or offensive language online

· 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 online

· 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

· Sharing your user name and password

· Recording lectures without the permission of the instructor

2.4 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.

· **Virtual Office Hours**: Office hours will be held weekly on Thursdays from 5 p.m. to 6 p.m. via Zoom on Courselink.

· **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.

· **Video Call**: If you have a complex question you would like to discuss with your instructor, you may book a video meeting on Teams (or alternate platform being used by your instructor). Video meetings depend on the availability and are booked on a first come first served basis.

3 Learning Resources

3.1 Required Resources

**Required Textbook (Textbook)**

Available at University Bookstore; 519-824-4120 Ext. 56692.

3.2 Recommended Resources

Recommended Texts (Textbook)

Additional recommended texts will be posted in the Courselink webpage of the course.

3.3 Additional Resources

Lab Manual (Lab Manual)

Recommended texts for laboratory classes will be provided via Courselink.

Other Resources (Other)

Any additional resources for the course will be provided via Courselink.

Field Trips (Other)

No field trips are planned for this course.

3.4 Course Technology and Technical Support

System and Software Requirements

This course will use a variety of technologies including;

- CourseLink (main classroom)
- Zoom
- Teams (via Office 365)

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

CourseLink

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

**Teams (via Office 365)**

Office 365 Teams is a collaboration service that provides shared conversation spaces to help teams coordinate and communicate information. This course will use Teams for one on one meetings with your Instructor. It is recommended that you use the desktop version of Teams. As a student you are responsible for learning how to use Teams and it’s features.

For Teams Support visit the CCS website for more information.

https://www.uoguelph.ca/ccs/services/office365/teams

**Zoom**

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

As part of your learning experience, you are expected to use a variety of technologies for assignments, lectures, teamwork, and meetings. In order to be successful in this course you will need to have the following technical skills:

- Manage files and folders on your computer (e.g., save, name, copy, backup, rename, delete, and check properties);
- Install software, security, and virus protection;
- Use office applications (e.g., Word, PowerPoint, Excel, or similar) to create documents;
- Be comfortable uploading and downloading saved files;
- Communicate using email (e.g., create, receive, reply, print, send, download, and open attachments);
- Navigate the CourseLink learning environment and use the essential tools, such as Dropbox, Quizzes, Discussions, and Grades (the instructions for this are given in your course);
- Access, navigate, and search the Internet using a web browser (e.g., Firefox, Internet Explorer); and
- Perform online research using various search engines (e.g., Google) and library databases.

3.4 Library Access

As a student, you have access to the University of Guelph’s library collection, including both physical and electronic materials. For information on checking out or couriering physical library items, accessing electronic journals and returning items to the library, visit the library’s website.
If you are studying off campus and would like to access the library’s electronic resources, use the Off Campus Login and login using your Single Sign On credentials or using your last name and library barcode.

https://www.lib.uoguelph.ca/

https://www.lib.uoguelph.ca/campus-login

4 Learning Outcomes

By the end of this program, successful students will be able to:

4.1 Course Learning Outcomes

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

1. Identify the main hormones regulating reproduction in domestic species and recall their biochemical classification, source of production, target tissues, and primary actions.
2. Illustrate and execute immunoassays for quantification of hormones in biological samples.
3. Explain the mechanism of sexual differentiation in developing embryos and the organogenesis of the reproductive tract in females and males of domestic species.
4. Recognize and explain the organization and function of the reproductive system in females and males of domestic species.
5. Explain the process of gametogenesis in females and males of domestic species.
6. Explain the physiology of puberty in females and males of domestic species.
7. Explain methods of breeding soundness examination of sires and recognize the equipment and material required.
8. Describe the reproductive cycles in females of domestic species and explain how they are coordinated by the reproductive hormones.
10. Explain main events in placentation, endocrinology of pregnancy and parturition, and main events in puerperium and lactation.
11. Recognize different stages of embryonic/fetal development and describe the main methods of pregnancy diagnosis in domestic species.
12. Describe and compare reproductive technologies used in reproductive management of
domestic species, and recognize the materials required for each technique.

5 Teaching and Learning Activities

5.1 Lecture Schedule

The schedule below is tentative in regards to the dates certain topics will be covered. This schedule can change at the instructor discretion.

<table>
<thead>
<tr>
<th>Lecture #</th>
<th>Date</th>
<th>Lecture topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture 1</td>
<td>11-Jan</td>
<td>Introduction</td>
</tr>
<tr>
<td>Lecture 2</td>
<td>13-Jan</td>
<td>Embryogenesis and sexual differentiation</td>
</tr>
<tr>
<td>Lecture 3</td>
<td>15-Jan</td>
<td>Embryogenesis and sexual differentiation</td>
</tr>
<tr>
<td>Lecture 4</td>
<td>18-Jan</td>
<td>Functional anatomy of the male reproductive tract</td>
</tr>
<tr>
<td>Lecture 5</td>
<td>20-Jan</td>
<td>Functional anatomy of the male reproductive tract</td>
</tr>
<tr>
<td>Lecture 6</td>
<td>22-Jan</td>
<td>Puberty and endocrinology of the male</td>
</tr>
<tr>
<td>Lecture 7</td>
<td>25-Jan</td>
<td>Puberty and endocrinology of the male</td>
</tr>
<tr>
<td>Lecture 8</td>
<td>27-Jan</td>
<td>Spermatogenesis</td>
</tr>
<tr>
<td>Lecture 9</td>
<td>29-Jan</td>
<td>Sexual behaviour of the male</td>
</tr>
<tr>
<td>Lecture 10</td>
<td>1-Feb</td>
<td>Sire fertility</td>
</tr>
<tr>
<td>Lecture 11</td>
<td>3-Feb</td>
<td>Functional anatomy of the female reproductive system</td>
</tr>
<tr>
<td>Lecture 12</td>
<td>5-Feb</td>
<td>Functional anatomy of the female reproductive system</td>
</tr>
<tr>
<td>Lecture #</td>
<td>Date</td>
<td>Lecture topic</td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>---------------</td>
</tr>
<tr>
<td>Lecture 13</td>
<td>8-Feb</td>
<td>Puberty and endocrinology of the female</td>
</tr>
<tr>
<td>Lecture 14</td>
<td>10-Feb</td>
<td>Puberty and endocrinology of the female</td>
</tr>
<tr>
<td>Lecture 15</td>
<td>12-Feb</td>
<td>Folliculogenesis and the estrous cycle</td>
</tr>
<tr>
<td>---</td>
<td>15-Feb</td>
<td>Winter break – no lecture</td>
</tr>
<tr>
<td>---</td>
<td>17-Feb</td>
<td>Winter break – no lecture</td>
</tr>
<tr>
<td>---</td>
<td>19-Feb</td>
<td>Winter break – no lecture</td>
</tr>
<tr>
<td>Lecture 16</td>
<td>22-Feb</td>
<td>Folliculogenesis and the estrous cycle</td>
</tr>
<tr>
<td>Lecture 17</td>
<td>24-Feb</td>
<td>Oogenesis</td>
</tr>
<tr>
<td>Lecture 18 *</td>
<td>26-Feb *</td>
<td>Fertilization</td>
</tr>
<tr>
<td>Lecture 19</td>
<td>1-Mar</td>
<td>Early embryo development and maternal recognition of pregnancy</td>
</tr>
<tr>
<td>Lecture 20</td>
<td>3-Mar</td>
<td>Developmental biology</td>
</tr>
<tr>
<td>Lecture 21</td>
<td>5-Mar</td>
<td>Placentation</td>
</tr>
<tr>
<td><strong>Midterm exam</strong></td>
<td><strong>6-Mar</strong></td>
<td><strong>Online mid-term exam – 9:00 a.m. to 11:00 a.m. via Courselink</strong></td>
</tr>
<tr>
<td>Lecture 22</td>
<td>8-Mar</td>
<td>Endocrinology of pregnancy and parturition</td>
</tr>
<tr>
<td>Lecture 23</td>
<td>10-Mar</td>
<td>Puerperium and lactation</td>
</tr>
<tr>
<td>Lecture 24 *</td>
<td>12-Mar *</td>
<td>Puerperium and lactation</td>
</tr>
<tr>
<td>Lecture #</td>
<td>Date</td>
<td>Lecture topic</td>
</tr>
<tr>
<td>-----------</td>
<td>------------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>Lecture 25</td>
<td>15-Mar</td>
<td>Applied reproductive physiology and technologies in ruminants</td>
</tr>
<tr>
<td>Lecture 26</td>
<td>17-Mar</td>
<td>Applied reproductive physiology and technologies in ruminants</td>
</tr>
<tr>
<td>Lecture 27</td>
<td>19-Mar</td>
<td>Applied reproductive physiology and technologies in ruminants</td>
</tr>
<tr>
<td>Lecture 28</td>
<td>22-Mar</td>
<td>Applied reproductive physiology and technologies in ruminants</td>
</tr>
<tr>
<td>Lecture 29</td>
<td>24-Mar</td>
<td>Applied reproductive physiology and technologies in ruminants</td>
</tr>
<tr>
<td>Lecture 30*</td>
<td>26-Mar*</td>
<td>Applied reproductive physiology and technologies in ruminants</td>
</tr>
<tr>
<td>Lecture 31</td>
<td>29-Mar</td>
<td>Applied reproductive physiology and technologies in swine</td>
</tr>
<tr>
<td>Lecture 32</td>
<td>31-Mar</td>
<td>Applied reproductive physiology and technologies in equine</td>
</tr>
<tr>
<td>---</td>
<td>2-Apr</td>
<td>Good Friday</td>
</tr>
<tr>
<td>Lecture 33</td>
<td>5-Apr</td>
<td>Reproduction of birds</td>
</tr>
<tr>
<td>Lecture 34</td>
<td>7-Apr</td>
<td>Reproduction of birds</td>
</tr>
<tr>
<td>Lecture 35</td>
<td>9-Apr</td>
<td>Reproduction of birds</td>
</tr>
<tr>
<td>Lecture 36*</td>
<td>12-Apr*</td>
<td>Reproduction of birds</td>
</tr>
<tr>
<td>Final exam</td>
<td>19-Apr</td>
<td>Online final exam - 8:30 a.m. to 10:30 a.m. via Courselink</td>
</tr>
</tbody>
</table>

* Represents a day of Online Quiz during the first 10 min of class.

5.2 Laboratory Classes
The schedule below is tentative in regards to the dates certain topics will be covered. This schedule can change at the instructor discretion.

<table>
<thead>
<tr>
<th>Lab #</th>
<th>Date</th>
<th>Lab topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review lecture</td>
<td>Jan 12</td>
<td>Watch recorded lecture on endocrinology – Live Q&amp;A at the end</td>
</tr>
<tr>
<td>Laboratory 1</td>
<td>Jan 19</td>
<td>Hormones and ELISA</td>
</tr>
<tr>
<td>Laboratory 2</td>
<td>Jan 26</td>
<td>Anatomy and histology of the male reproductive tract</td>
</tr>
<tr>
<td>Laboratory 3</td>
<td>Feb 2</td>
<td>Breeding soundness exam of sires</td>
</tr>
<tr>
<td>Laboratory 4</td>
<td>Feb 9</td>
<td>Anatomy and histology of the female reproductive tract</td>
</tr>
<tr>
<td>---</td>
<td>Feb 17</td>
<td><strong>Winter break – no laboratory class</strong></td>
</tr>
<tr>
<td>Laboratory 5</td>
<td>Feb 24</td>
<td>Ovaries, follicle aspiration, oocyte search, and introduction to IVF</td>
</tr>
<tr>
<td>---</td>
<td>Mar 2</td>
<td><strong>No laboratory class – preparation for the midterm</strong></td>
</tr>
<tr>
<td>Laboratory 6</td>
<td>Mar 9</td>
<td>Anatomy of pregnant uteri and pregnancy diagnosis methods</td>
</tr>
<tr>
<td>Laboratory 7</td>
<td>Mar 16</td>
<td>Estrous detection, synchronization programs, artificial insemination</td>
</tr>
<tr>
<td>Laboratory 8</td>
<td>Mar 23</td>
<td>Practicing artificial insemination</td>
</tr>
<tr>
<td>Laboratory 9</td>
<td>Mar 30</td>
<td>Embryology, embryo flushing and embryo transfer procedures</td>
</tr>
<tr>
<td>Laboratory 10</td>
<td>Apr 6</td>
<td>Avian reproduction</td>
</tr>
</tbody>
</table>
6 Assessments

6.1 Assessment Details

Course Assignments and Tests (0%)
Course Assignments and Tests:

<table>
<thead>
<tr>
<th>Assignment or Test</th>
<th>Date</th>
<th>Contribution to Final Mark (%)</th>
<th>Learning Outcomes Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiz 1</td>
<td>22-Jan</td>
<td>5.0 *</td>
<td>1 – 4</td>
</tr>
<tr>
<td>Quiz 2</td>
<td>5-Feb</td>
<td>5.0 *</td>
<td>5 – 7</td>
</tr>
<tr>
<td>Quiz 3</td>
<td>26-Feb</td>
<td>5.0 *</td>
<td>5, 8</td>
</tr>
<tr>
<td>Mid-term exam</td>
<td>6-Mar</td>
<td>37.5</td>
<td>1 – 9</td>
</tr>
<tr>
<td>Quiz 4</td>
<td>12-Mar</td>
<td>5.0 *</td>
<td>9 – 11</td>
</tr>
<tr>
<td>Quiz 5</td>
<td>26-Mar</td>
<td>5.0 *</td>
<td>10, 12</td>
</tr>
<tr>
<td>Quiz 6</td>
<td>12-Apr</td>
<td>5.0 *</td>
<td>12</td>
</tr>
<tr>
<td>Final exam</td>
<td>19-Apr</td>
<td>37.5</td>
<td>1 – 12</td>
</tr>
</tbody>
</table>

*The quiz with the lowest grade will be dropped for the calculation of the final grade for quizzes. Thus, only the best five of six quizzes count towards the final grade.

All quizzes and exams will be conducted online through Courselink. All quizzes and exams are open book with the same format (multiple choice questions) except for the duration of
each examination (quizzes = 10 min, exam = 2 h). In all examination, students will have access to only one question at a time, selected randomly from a pool of questions. After answering a question and moving to the next one, students cannot go back to previous questions.

Final examination date and time:

April 19, 2021. From 8:30 a.m. to 10:30 a.m.

Final exam weighting:

37.5%

6.2 Final Exam Details

Final examination date and time:

April 19, 2021. From 8:30 a.m. to 10:30 a.m.

Please check Webadvisor

Final exam weighting:

37.5%

7 Course Statements

7.1 Grading Policies:
The final grade is divided in three parts:

- **25.0% Quizzes (100 points):** A quiz of multiple choice questions will be given at the start of the class when scheduled (22-Jan, 5-Feb, 26-Feb, 12-Mar, 26-Mar, 12-Apr). The Courselink platform will be used, and students must have an electronic device with reliable internet connection to access the platform. Questions will be designed based on the content of the last 6 lectures and the last 2 laboratories, including online material posted on Courselink. No make-up quizzes will be granted. A missed quiz results in a 0% score. The lowest score, or one missed quiz, will be dropped from the calculation of the final score for Quizzes. Each quiz is worth 20 points. Students who missed two or more quizzes because of medical conditions must present justification of absence for transfer of assigned points from a missed quiz to the midterm (Quiz 1-3) or final exam (Quiz 4-6).

- **37.5% Midterm Exam (150 points):** Comprehensive exam composed of multiple choice questions scheduled for Mar 6th, 9:00 a.m. to 11:00 a.m., online through Courselink. Students must have an electronic device with reliable internet connection to access the platform. Questions will be designed based on the content of lectures 1-18, review lecture of endocrinology, and laboratories 1-5. No make-up exam will be granted. Students who missed the midterm exam because of a medical condition must present justification of absence for transfer of assigned points from the missed midterm exam to the final exam. A missed exam without justification results in a 0% score.

- **37.5% Final Exam (150 points):** Comprehensive exam composed of multiple choice questions scheduled for April 19th from 8:30 a.m. to 10:30 a.m. online through Courselink. Students must have an electronic device with reliable internet connection to access the platform. Questions will be designed based on the content of all lectures and laboratories with emphasis on topics not covered in the mid-term. No make-up exam unless approved prior to the exam, depending on instructor approval. A missed exam results in a 0% score.

7.2 Course Policy Regarding Group Work

No group work is planned for this course.

7.3 Course policy regarding course material and use of electronic devices for recording of lectures and laboratories
All course materials made available through Courselink are restricted to personal use of students and teaching assistants registered in ANSC*3040 Animal Reproduction in Winter 2021. Students and teaching assistants are prohibited to share, copy, reproduce, distribute, posted online, transmitted to others, or cite any course materials (e.g. slides, lab worksheets, recorded lectures, recorded labs, recommended texts, etc...) without the written permission from Dr. Eduardo Ribeiro.

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

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.