



ANSC*3120 Introduction to Animal Nutrition

Fall 2020
Section(s): C01

Department of Animal Biosciences

Credit Weight: 0.50

Version 2.00 - September 09, 2020

1 Course Details

1.1 Calendar Description

This course applies the principles of nutrition to the development of diets and feeding programs for the various species of animals of agricultural importance.

Co-Requisites: NUTR*3210
Restrictions: Registration in BSC(Agr) or BSC.ABIO

1.2 Timetable

LEC Mon, Wed, Fri 9:30 AM - 10:20 AM AD-S, Room Virtual
ANSC*3120*0101 (2657), LAB Mon 2:30 PM - 4:20 PM, AD-S, Room Virtual
ANSC*3120*0102 (2658), LAB Tues 9:30 AM - 11:20 AM, AD-S, Room Virtual
ANSC*3120*0103 (2659), LAB Wed 2:30 PM - 4:20 PM, AD-S, Room Virtual
ANSC*3120*0104 (2660), LAB Thurs 9:30 AM - 11:20 AM, AD-S, Room Virtual

1.3 Final Exam

Final Examination Date and Time: Tuesday December 15, 2020 from 7 to 9 P.M.
Weight: 35 to 40% depending if student completes optional lab assignment

2 Instructional Support

2.1 Instructional Support Team

Instructor: Ira Mandell
Email: imandell@uoguelph.ca
Telephone: +1-519-824-4120 x53337

Office: ANNU 155
Office Hours: Tuesday from 4:30 to 5:30 PM or by virtual appointment. Students are encouraged to contact me by email, online office hours, or by virtual appointment if questions are of a personal nature. Please use CourseLink to ask questions that the whole class would benefit from. I try to answer e-mails within 24 hours after they are received.

Lab Co-ordinator: Heather Bailey
Email: hbailey@uoguelph.ca
Telephone: +1-519-824-4120 x58367
Office: ANNU 256

2.2 Teaching Assistants

Teaching Assistant: Lauren Hansen
Email: lhase01@uoguelph.ca

Teaching Assistant: Jannelle Morrison
Email: jannelle@uoguelph.ca

Teaching Assistant: Sarah Parsons
Email: sparso01@uoguelph.ca

Teaching Assistant: Brandon Van Soest
Email: bvansoes@uoguelph.ca

Teaching Assistant: Keira Cruickshank
Email: kcruc01@uoguelph.ca

2.3 Netiquette

2.4 Netiquette

Netiquette in online education; the following 10 points have been adapted from the University of Texas at El Paso at : <https://www.utep.edu/extendeduniversity/utepconnect/blog/october-2017/10-rules-of-netiquette-for-students.html> along with materials presented from the Ontario Agricultural College

- 1. Make sure identification is clear in all communications.** Begin with a salutation ("Hi, Jason!") and end with your signature ("Hannah Kay, Criminology 101").
- 2. Review what you wrote and try to interpret it objectively.** When we speak face to face

and are misunderstood, we have an on-the-spot opportunity to rephrase our words. In writing, we must strive twice as hard to be understood, as we do not have the benefit of modifying or elaborating in real time. All caps (“I’M SHOUTING”) and exclamation points (“Give me a break!!!”) can be misinterpreted as intense anger or humor without the appropriate context.

3. **If you wouldn’t say it face to face, don’t say it online.** When you’re working online, you’re safe behind a screen, but that’s no excuse to be ill-mannered or say things you would never say in public. **This includes a) Using offensive language, b) posting inflammatory messages about your instructor or fellow students, or threatening or harassing a student, instructor, or teaching assistant (TA).**
4. **Don’t assume everyone understands where you’re coming from.** Sarcasm and wit is often the spice of in-person conversation, but in online discussion, it can not only lose its edge, it can bite! In your high school classroom, all students were the same age, came from similar backgrounds and lived in the same area. In contrast, your online classroom is made up of people of all ages and cultures who have varied backgrounds, lifestyles and geographic locations. With this in mind, review what you wrote before contributing to the conversation and ask yourself, “Will everyone get the joke?”
5. **Don’t spam.** Please don’t take advantage of your connection with the other students in your online classroom to forward emails and links regarding your political/spiritual beliefs or to sell your services.
6. **Use emoticons.** In casual chatroom settings, emoticons can help convey feelings that may otherwise get lost in translation, including humor, exasperation, exhaustion and even confusion.
7. **Respect others’ privacy and rights.** Don’t give out another student’s personal email address without permission. Do not discriminate against fellow students, instructors, and/or TAs.
8. **Remember, if it’s on the internet, it’s everywhere.** Don’t share personal information about yourself in a public online forum, especially something that could put your safety or security at risk. Do not share your username and password
9. **Forgive and forget.** If you’re offended by something another student says online, keep in mind that you may have misunderstood their intentions. Give them the benefit of the doubt.
10. **Follow the rules.** Just as your online college posts guidelines related to academic integrity and student expectations, online forums also have rules of conduct. Make a point to read them every time, as they can vary from class to class.

Do not:

- Adapt information from the Internet without using proper citations or references;
- Buy or sell term papers or assignments;
- Post or sell course materials to course notes websites;
- Have someone else complete your exam or complete an exam for/with another student;
- State false claims about lost quiz answers or other assignment submissions;
- Use the course website to promote profit-driven products or services;
- Attempt to compromise the security or functionality of the learning management system

2.5 Accessing Lectures and Labs

This course will use Zoom for lectures and labs. Check your system requirements to ensure you will be able to participate. <https://opened.uoguelph.ca/student-resources/system-and-software-requirements>.

Lectures will be presented mostly using a synchronous format with lectures being recorded for further access at a later date. Labs will also be presented in a synchronous format. While labs will be recorded for access at a later date, there are lab group activities which require lab groups to get together on an individual group basis to discuss completing the two group graded assignments. This will involve lab groups communicating during each student's assigned lab section and outside of class. Proper Netiquette should be followed always for this class.

2.6 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 Instructor 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.
 - **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.
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3 Learning Resources

3.1 Recommended Resources

Recommended Texts (Textbook)

The following text is available on CourseLink which you may want to refer to if a concept(s) is(are) not clear:

Animal Nutrition Seventh Edition McDonald et al

Additional Costs (Equipment)

Costs for printing out lecture outline notes, lab assignments, practice calculations, and old midterms

3.2 Additional Resources

Other Resources (Other)

This course will use Zoom for lectures and labs. Check your system requirements to ensure you will be able to participate. <https://opened.uoguelph.ca/student-resources/system-and-software-requirements>.

CourseLink will be used to distribute 1) distribute lecture outline notes, 2) answer questions from students that will be beneficial to the entire class, 3) provide a source of lab information and group animal project data when available, 4) provide a source of lab handouts when a student has lost the handout that was distributed in the lab (this includes animal project assignments and feed formulation exercises), 5) as a source of the course and laboratory outlines, and 6) Midterm answer key, For all lectures, lecture outline notes will be made available not later than the night before the lecture. The purpose of the lecture outlines is to provide the student with the main topics of interest, major points, and discussion topics for a given lecture. Due to the virtual presentation of the course,

students will have to print off their own copies of course materials.

CourseLink (powered by D2L's Brightspace), is the 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

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>

4 Learning Outcomes

4.1 Course Learning Outcomes

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

1. Introduce the principles of farm animal nutrition and identification of feed ingredients.
2. Introduce species and stage of production differences in nutritional requirements.
3. Introduce ration or diet formulation for farm animals.
4. Work together as a team to collect data and present findings.
5. Exercise critical thinking.
6. Integrate knowledge of diverse agricultural animal disciplines and sectors to identify local and global problems and to design solutions for animal production systems, the agricultural animal industry and society at large.
7. Acquire and develop relevant, practical, and theoretical skills based on the needs of the agricultural animal industry to support future employment and / or continued studies

- (e.g. graduate studies, veterinary medicine and care, professional certification).
8. Critically evaluate and accurately explain scientific information for problem solving and applications in animal production.
 9. Demonstrate advanced, contemporary and relevant knowledge in animal nutrition, physiology, welfare, genetics and biotechnology.
 10. Apply scientific methods and processes by formulating questions, designing investigations and generating, analyzing and interpreting data to draw conclusions and make evidence based decisions relevant to animal agriculture.
 11. Critically evaluate ideas and arguments by gathering and integrating relevant information, assessing its credibility, and synthesizing evidence to formulate a position.
 12. Accurately and effectively communicate ideas, arguments and analyses, to a range of audiences, in graphic, oral and written form.
 13. Collaborate effectively as part of a team by demonstrating mutual respect, leadership, and an ability to set goals and manage tasks and timelines.
 14. Plan for professional growth and personal development within and beyond the undergraduate program.
 15. Acquire and develop relevant practical and theoretical skills to support continued studies (e.g. graduate studies, veterinary medicine, etc.) and/or potential employment (e.g. veterinary care, animal industry, zoological institutions, etc.).
 16. Generate and interpret scientific data using quantitative, qualitative and analytical methodologies and techniques.
 17. Interpret current scientific concepts and gaps in knowledge (and methods) in light of the historical development of a chosen discipline.
 18. Demonstrate knowledge encompassing genetics, nutrition, physiology and behavior and their interactions on the health and welfare of domesticated, companion and wildlife animal species.
 19. Apply contemporary research methods, skills and techniques to conduct independent inquiry in a chosen scientific discipline.
 20. Apply knowledge of nutrient metabolism to improve animal wellness and productivity.
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5 Teaching and Learning Activities

5.1 Lecture

Topics:

Lecture Content

- First Class on Friday, September 11th
- Overview of course and Review of Nutrients (water, carbohydrates, proteins/amino acids, lipids vitamins, minerals
- Nutrient Analyses, Energy Systems, and Digestibility

- Species Differences in Anatomy (Gastrointestinal Tracts) and Digestion
- Basics of Ration Formulation
- Classification of Feedstuffs – Energy Sources
- Classification of Feedstuffs – Protein Sources
- Classification of Feedstuffs – Roughages
- Forage Harvesting
- Feed Additives
- Antinutritive Factors (Anti-quality components)
- Farm animal species nutrition lectures (3 lectures per species)(Companion Animal, Swine, Poultry, Dairy cattle)

5.2 Lab

Topics: Labs

The laboratory portion of ANSC 3120 includes: 1) Assessment of human and animal feedstuffs (group project submission) 2) Animal project report (group project submission), 3) Beef cattle feed formulation assignment (individual student submission), 4) Swine or poultry feed formulation assignment (individual student submission), 5) Optional individual student submission: assessment of podcast from other lab groups

6 Assessments

6.1 Marking Schemes & Distributions

Name	Scheme A (%)	Scheme B (%)
Midterm	25	25
Feed Formulation Assignments	15	15
Animal Project Report	10	10
Assessment of Feedstuffs & Podcast (Group)	10	10
Assessment of Podcast (individual)	0	5
Final	40	35
Total	100	100

6.2 Assessment Details

Midterm (25%)**Date:** Sat, Oct 24**Learning Outcome:** 1, 2, 3, 5, 6, 7, 9, 15, 17, 18

Questions will include multiple choice, short answer, and long essay questions. The midterm will cover lecture material from the start of the semester until the end of the Wednesday lecture on October 21. There will be no lab content on the midterm. A calculator may be required for the midterm and final examination.

Feed Formulation Assignments (15%)**Due:** Lab section dependent from November 9th until December 3rd**Learning Outcome:** 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 15, 16, 18

The laboratory portion of ANSC 3120 is worth 35 to 40% of the total mark for the course and includes 2 feed formulation (FF) assignments, 1 animal project report, a group report assessing human and animal feedstuffs, and an optional report evaluating another group's podcast.

Feed Formulation 1 is worth 10% of the final mark for the course while Feed Formulation 2 is worth 5% of the final mark for the course. All students are required to complete 2 feed formulation assignments on an individual student basis.

Animal Project Report (10%)**Due:** Mon, Nov 30**Learning Outcome:** 1, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

All students will be involved in writing up an animal project report which will either be an evaluation of swine or chick growth performance trial. The animal projects are group efforts from data and diet calculations to submission of a final report with the exception that each student must complete a thorough peer evaluation for all members in his/her group.

Final (40%)**Date:** Tue, Dec 15, 7:00 PM - , 9:00 PM**Learning Outcome:** 1, 2, 3, 5, 6, 7, 9, 15, 17, 18

The final exam will cover: 1) lecture material not covered on the midterm, 2) all principles of feed formulation and feedstuffs that are covered in the lab and 3) the animal projects. A calculator may be required for the midterm and final examination.

Assessment of human and animal feedstuffs (10%)**Due:** Fri, Oct 2 - Fri, Oct 16**Learning Outcome:** 1, 2, 4, 5, 7, 11, 12, 13, 14, 15, 17

Students will work as a group assessing the diets they eat on a day-to-day basis and then comparing them to specific farm animals based on stage of production. Students will have to complete and submit data tables along with submitting a 2 page summary report and preparing a podcast.

Optional Assessment of Other Group's Podcast (5%)**Due:** Thu, Dec 3**Learning Outcome:** 1, 2, 4, 5, 7, 8, 11, 12, 14, 15, 17, 18

This is an optional assignment which can be used to reduce the weight of the final exam from 40 to 35% of the final mark for the course. Students will on an individual student basis assess the podcast from another group in the class to determine how complete and accurate the podcast based on the principles and content covered in the course.

6.3 Additional Notes

Each lab group will decide which animal project report that they want to hand in for marking. Each lab group will be responsible for compiling and tabulating data for both animal projects. There will be a mark component on the animal project report for compiling and tabulating data for the animal project that your group does not prepare a report for.

6.4 Technical Skills Required for the Student

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.*

Contact your course instructor if you need support with any of the above except Installation of software, security, and virus protection.

7 Course Statements

7.1 Grading Policies

Completion of both examinations (midterm and final) is required to receive credit for the course.

Examples of exam questions:

1) Multiple choice question:

Which of the following is (are) gluconeogenic volatile fatty acids?

- a) Butyrate
- b) Acetate
- c) Methane
- d) Acetate and butyrate
- e) None of the above

2) Short answer question: Name a gluconeogenic volatile fatty acid.

3) SHORT ESSAY QUESTION: What components are determined when you run a proximate analysis of feedstuffs based on the techniques developed in the 1800's. Discuss the limitations of each technique regarding the nutritional information that is provided. (5 to 7 sentences may be required to answer this question).

4) LONG ESSAY QUESTION: Outline the fate of ingested nitrogen in the ruminant. Include protein nitrogen, nonprotein nitrogen, and heat damaged protein in your discussion (this question may require up to a full page of writing to complete the answer).

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.

Late feed formulation assignments will have marks deducted:

A hard copy of both Feed Formulation Assignments needs to be handed in on the assigned due dates for each lab. Feed Formulation 1: 3.5-mark deduction will be levied to the assignment if handed in after 5 minutes have elapsed for the start of the Feed Formulation 2 lab

Feed Formulation 2: 1.75-mark deduction

Drop Box will be used to hand in all other lab assignments.

Dropbox Submissions

Designated assignments should be submitted electronically via the online **Dropbox** tool. **For all group assignments, make sure there is a cover page listing the names fo all group members and the lab section.** 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/>

Late Policy for assignments using Drop Box for submission

If you choose to submit assignments to the **Dropbox** tool late, the full allocated mark will be reduced by 5% per day after the deadline for the submission of the assignment to a limit of six days at which time access to the **Dropbox** folder will be closed. Late Graded Homework Assignments will NOT be graded if they are submitted after the solutions have been posted to CourseLink.

Extensions will be considered for medical reasons or other extenuating circumstances. If you require an extension, discuss this with the instructor as soon as possible and well before the due date. Barring exceptional circumstances, extensions will not be granted once the due date has passed. These rules are not designed to be arbitrary, nor are they inflexible. They are designed to keep you organized, to ensure that all students have the same amount of time to work on assignments, and to help to return marked materials to you in the shortest possible time.

7.2 Group Work

All students will be involved in 2 group projects which include assessment of human and animal feedstuffs and a swine or chick growth performance trial . These are group efforts from information gathering to submission of a final report with the exception that each student must complete a thorough peer evaluation for all members in his/her group. For both assignments, each lab group will submit group lab reports and podcast. Failure to submit a proper peer evaluation will result in a 2.5-mark deduction from the animal project

report mark.

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.
