

ANSC*3180 Wildlife Nutrition

Winter 2023 Section(s): C01

Department of Animal Biosciences Credit Weight: 0.50 Version 3.00 - February 06, 2023

1 Course Details

1.1 Calendar Description

This course is a study of the nutrition of avian and mammalian wildlife with emphasis on North American species and the role of nutrition in survival and population growth of wildlife in their natural habitat.

Pre-Requisites: NUTR*3210

1.2 Course Description

A course in which students will learn about nutrient requirements and nutritional idiosyncrasies of mammalian and avian wildlife from all over the world, with a focus on North American species. Some non-mammalian and non-avian species will be addressed in lecture however, will not be the main focus of this course. Students will be introduced to the role that nutrition plays in the survival of individual animals, species survival and reproduction, and population dynamics of wildlife species in their natural habitats.

Students should have an established understanding of the fundamental principles of nutrition. The material in the course will build on this background to enhance the understanding of nutrient requirements and utilization in avian and mammalian wildlife species.

1.3 Timetable

M/W/F 12:30pm - 1:20pm Delivered: In-person

In-person location: ROZH room 101

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

1.4 Final Exam

The final exam for this course will be take home and available Monday April 17th 8 am - Friday April 21st 5 pm.

2 Instructional Support

2.1 Instructional Support Team

Instructor: Cara Cargo-Froom ccargofr@uoguelph.ca

Office: ANNU 231

Office Hours: Appointment by email, Standard office hours

TBD

2.2 Teaching Assistants

Teaching Assistant (GTA): Kehan Zhang

Email: kehan@uoguelph.ca

Office Hours: Office hours: Appointment by email

Teaching Assistant (GTA): Sanjana Anan

Email: sanan@uoguelph.ca

Office Hours: Office hours: Appointment by email

Teaching Assistant (GTA): Hannah Godfrey

Email: hgodfrey@uoguelph.ca

Office Hours: Office hours: Appointment by email

Teaching Assistant (GTA): Taylor Richards

Email: tricha16@uoguelph.ca

Office Hours: Office hours: Appointment by email

Teaching Assistant (GTA): Pawanpreet Singh pawanpre@uoguelph.ca

Office Hours: Office hours: Appointment by email

2.3 Student Support

All students will be assigned to a specific GTA on the first day of class. Your TA will be available to answer questions throughout the course.

Please contact your specific assigned GTA via email or post your question to the discussion board with initial questions and then, if necessary, contact the instructor.

Please allow 24-48h (1-2 business days) turn around for emails before following up with your

respective contact. Emails will be addressed during working hours (Monday – Friday, 8 am – 5 pm).

2.4 Online Etiquette Expectations

Online Behaviour

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

3 Learning Resources

3.1 Required Resources

Required (Textbook)

Not applicable

3.2 Recommended Resources

Texts (Other)

General introductory text:

• Robbins, C. T. (1993). Wildlife Feeding and Nutrition. 2nd Edition.

<u>Electronic version available</u> via Courselink 'Content' under 'Additional resources'

More recent general introductory text:

Barboza, P. S., Parker, K. L., and Hume, I. D. (2009). Integrative Wildlife Nutrition.
 <u>Electronic version available</u> on Ares reserve
 (https://ares.lib.uoguelph.ca/ares/)

Text dealing specifically with marsupial nutrition:

Hume, I. D. (1999). Marsupial Nutrition.
 <u>Hardcopy available</u> on reserve at UoG Library
 See Ares for reserve details (https://ares.lib.uoguelph.ca/ares/)

Resource dealing with digestive physiology

• Stevens, C. E., and Hume, I. D. (1995) Comparative Physiology of the Vertebrate Digestive System. 2nd Edition.

Hardcopy available on reserve at UoG Library

See Ares for reserve details (https://ares.lib.uoguelph.ca/ares/)

• Stevens, C. E., and Hume, I. D. (1998) Contributions of Microbes in Vertebrate GIT to Production and Conservation of Nutrients.

<u>Electronic version available</u> via Courselink 'Content' under 'Additional resources'

Useful source for food habits, species classifications, and ecology terminology

 Boxshall, G. A., and Lincoln, R. J. (1987) Comparative Physiology of the Vertebrate Digestive System. 2nd Edition.

<u>Hardcopy available</u> on reserve at UoG Library
See Ares for reserve details (https://ares.lib.uoquelph.ca/ares/)

Source for photos, descriptions, habitat and life cycle information of relatively unknown animals

Boitani, L, Bartoli, S., and Anderson, S. (1994) Simon & Schuster's Guide to Mammals.
 <u>Hardcopy available</u> on reserve at UoG Library
 See Ares for reserve details (https://ares.lib.uoguelph.ca/ares/)

3.3 Additional Resources

Resources (Other)

Other resources: PDF copies of the lecture slides will be posted to Courselink prior to each lecture timeslot. Lectures and lecture slides are <u>not</u> intended to be the sole source of information. All material, including information covered in <u>both</u> the lectures and discussion periods are testable for the midterm/final and applicable for the final project. Additional course material intended (e.g. journal articles) will also be posted to Courselink periodically throughout the semester.

The following Course Resources are Not Applicable (Other)

- Lab
- · Lab Manual
- Seminar
- Field Trip
- · Additional Costs

3.4 Course Technology and Technical Support

System and Software Requirements

CourseLink

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

Course Technologies

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

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

Ares

For this course, you will be required to access course reserve materials through the University of Guelph McLaughlin Library. To access these items, select **Ares** on the navbar in CourseLink. Note that you will need your Central Login ID and password in order to access items on reserve.

For further instructions on accessing reserve resources, visit How to Get Course Reserve Materials.

If at any point during the course you have difficulty accessing reserve materials, please contact the e-Learning Operations and Reserve Services staff at:

Tel: 519-824-4120 ext. 53621 Email: libres2@uoguelph.ca

https://www.lib.uoguelph.ca/find/course-reserves-ares/how-get-course-reserve-material

4 Learning Outcomes

4.1 Course Learning Outcomes

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

- 1. Identify, describe and differentiate the digestive systems of carnivorous, omnivorous and herbivorous mammals and birds. (Evaluation methods: midterm/final, infographic, final project)
- 2. Develop an assessment of nutrient and energy requirements for one wild living species throughout the year. (Evaluation method: major project)
- 3. Develop or enhance the ability to find, review, and assess the value and relevance of peer-reviewed journal articles relating to the nutrition of mammalian and/or avian wildlife species. (Evaluation methods: annotated bibliography, paper review, infographic, final project)
- 4. Understand, develop and use one virtual method (e.g. YouTube video or website) of presenting scientifically based information to either a scientific or general public audience. (Evaluation method: final project)
- 5. Develop an ability to integrate current scientific knowledge on food habits, food composition and digestion in mammalian and avian wild-living species, with the constraints of migration, hibernation, available food energy and potentially toxic components in food. (Evaluation methods: midterm/final, infographic, final project)

4.2 Course Objectives

For students to study and understand the following topics in the wildlife context:

- 1. Availability and requirements of nutrients by species in their natural habitats.
- 2. Methods of nutrient/energy acquisition and utilization nutrients in response to seasonal fluctuations, diet quality, and diet quantity.
- Food habits, natural diet nutritional composition, and comparative aspects of digestion and digestive anatomy in ruminant and non-ruminant herbivores, omnivores, and carnivores.
- 4. Requirements and metabolism of energy as well as other potentially limiting nutrients.
- 5. Ways in which to calculate energy and nutrient requirements and determine how physiology, reproduction, maintenance, growth, activity, and environment may cause requirements to change.

4.3 University Learning Outcomes

The course is designed to meet the following Learning Outcomes of the University of Guelph:

1) **Critical and creative thinking:** Inquiry and Analysis, Problem Solving, Creativity, Depth and Breadth of Understanding

Critical and creative thinking is a concept in which one applies logical principles, after much inquiry and analysis, to solve problems in with a high degree of innovation, divergent thinking and risk taking. Those mastering this outcome show evidence of integrating knowledge and

applying this knowledge across disciplinary boundaries. Depth and breadth of understanding of disciplines is essential to this outcome.

2) Literacy: Information Literacy, Quantitative Literacy, Technological Literacy, Visual Literacy

Literacy is the ability to extract information from a variety of resources, assess the quality and validity of the material, and use it to discover new knowledge. The comfort in using quantitative literacy also exists in this definition, as does using technology effectively and developing visual literacy.

3) **Communicating:** Oral Communication, Written Communication, Reading Comprehension, Integrative Communication

Communicating is the ability to interact effectively with a variety of individuals and groups, and

convey information successfully in a variety of formats including oral and written communication. Communicating also comprises attentiveness and listening, as well as reading comprehension. It includes the ability to communicate and synthesize information, arguments, and analyses accurately and reliably.

4) **Professional and ethical behaviour:** Teamwork, Ethical Reasoning, Leadership, Personal Organization and Time Management

Professional and ethical behaviour requires the ability to accomplish the tasks at hand with proficient skills in teamwork and leadership, while remembering ethical reasoning behind all decisions. The ability for organizational and time management skills is essential in bringing together all aspects of managing self and others. Academic integrity is central to mastery in this outcome.

5 Teaching and Learning Activities

5.1 Lecture

Topics: Class Schedule

Week	Date	Topics
1	January 9	Course overview and introductions
	January 11	Assignment overviews
	January 13	Nutrition fundamentals - Macronutrients

		Species selection due 11:59 pm	
2	January 16	Nutrition fundamentals – Macronutrients	
	January 18	Nutrition fundamentals – Micronutrients	
	January 20	Invited Speaker: Mary McCaffrey U of G Writing Services, how to review a research article	
3	January 23	Nutrition fundamentals – Mammalian digestive physiology Part I	
	January 25	Nutrition fundamentals – Mammalian digestive physiology Part II	
	January 27	Discussion Period	
		Annotated bibliography due 11:59 pm	
4	January 30	Nutrition fundamentals – Avian digestive physiology	
	February 1	Nutrition fundamentals – Energy expenditure	
	February 3	Invited guest speaker: Dr. Katherine Kerr, Comparative Animal Nutritionist	
5	February 6	Nutrition fundamentals – Energy partitioning	
	February 8	Nutrition fundamentals – Proximate analysis	
	February 10	In class assignment: Paper review due 1:20 pm	
6	February 13	Energy - Maintenance	
		Take home midterm open 8 am	
	February 15	Energy - Activity	
	February 17	Invited guest speaker: Jesus Muricio Pisco, MSc Candidate and Wildlife nutritionist	

		Take home midterm closed 5 pm	
7	February 20 - 24	No class winter break	
8	February 27	Energy - Reproduction	
	March 1	Energy – Thermoregulation	
	March 3	Discussion period	
9	March 6	Energy – Hibernation and torpor	
	March 8	Energy – Migration	
	March 10	Invited guest speaker: Pauline Kosmal, PhD Candidate	
		Infographic due 11:59 pm	
10	March 13	Food habits – Categorization	
	March 15	Food habits – Food chains	
	March 17	Discussion period	
11	March 20	Food habits – Research studies	
	March 22	Diet composition – Broad diet composition/digestion	
	March 24	Discussion period	
12	March 27	Diet composition – Carnivorous diet composition/digestion	
	March 29	Diet composition – Herbivorous diet composition/digestion	
	March 31	Discussion period	
13	April 3	Diet composition – Toxins and anti-nutrients Part I	
		<u> </u>	

	April 5 Diet composition – Toxins and anti-nutrients Part II		
	April 7	No Class Good Friday Holiday; last day to drop course	
		Final project due 11:59 pm	
14	April 10	Final Class – Discussion/review period	
15	April 17	Take home final opens 8 am	
	April 21	Take home final closes 5 pm	

6 Assessments

6.1 Marking Schemes & Distributions

Component	Due Date	Grade Contribution (%)	Learning Outcomes
Take-home Midterm (Fundamentals)	Open: February 13 th 8 am Closed: February 17 th 5 pm	10%	1 and 5
Take-home Final (Energy/Food habits/Diet composition)	Open: Monday April 17 th 8 am Closed: Friday April 21 st 5 pm	30%	1 and 5
Paper Review	February 10 th 1:20 pm	10%	3
Major project		50% (total)	
A) Species selection	A) January 13 th 11:59 pm	A) 1%	A) N/A
B) Annotated bibliography	B) January 27 th 11:59 pm	B) 9%	B) 3
C) Species infographic	C) March 10 th 11:59 pm	C) 10%	C)1, 3, and 5

Component			Learning Outcomes
D) Final project	D) April 7 th 11:59 pm	D) 30%	D) 1, 2, 3, 4, and 5

Name	Scheme A (%)
Major Project	50
Take-home Midterm	10
Take-home Final	30
Paper review	10
Total	100

6.2 Assessment Details

Major Project (50%)

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

- Species selection due January 13th by 11:59pm (submit via Courselink Dropbox)
- Annotated bibliography due January 27th by 11:59pm (submit via Courselink Dropbox)
- Species infographic due March 10th by 11:59pm (submit via Courselink Dropbox)
- Final project due April 7th by 11:59pm (submit via Courselink Dropbox)

<u>All portions</u> of the major project are expected to be <u>unique work</u>. Project details to be discussed in lecture on January 11th.

Take-home Midterm (10%)

Date: Mon, Feb 13, 8:00 AM - Fri, Feb 17, 5:00 PM, Online

Learning Outcome: 1, 5

Both the Midterm and Final will be accessible through Courselink 'Quizzes' tab and will begin at **exactly 8 am** on the opening day and close at **exactly 5 pm** on the respective closing day. Midterm and Final are "take home" and open book. The midterm will be available from Monday February 13th – Friday February 17th.

Take-home Final (30%)

Date: Mon, Apr 17, 8:00 AM - Fri, Apr 21, 5:00 PM, Online

Learning Outcome: 1, 5

Both the Midterm and Final will be accessible through Courselink 'Quizzes' tab and will begin at **exactly 8 am** on the opening day and close at **exactly 5 pm** on the respective closing day. Midterm and Final are "take home" and open book. The final will be available Monday April 17th – Friday April 21st

Paper review (10%)
Learning Outcome: 3
Paper review:

 Paper review #1 due February 10th in class (submit via Courselink Dropbox), the paper will be available for reading prior to class

7 Course Statements

7.1 Email Communication

As per university regulations, all students are required to check their <uoguelph.ca> email account regularly as email is the official route of communication between the University and its students

7.2 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/

7.3 Grading Policies

Grading policies:

All grades (with the exception of the final exam) will be returned within 10 business days. For further grading policies see the undergraduate calendar for information on University of Guelph grading policies.

Academic considerations/extensions

It is the **student's** responsibility to request consideration for an assignment extension, course conflict, or anticipated absence a <u>minimum</u> of **5 days prior to the deadline**

- exceptions <u>may</u> be made on a one to one basis (by the instructor) for requests made within 5 days of the deadline
- for further details regarding illness or compassionate reasons for extensions please see details below under course policies

Without an accepted request for consideration (by the instructor)

- <u>a penalty of 5% per day</u> will be applied to the following late assignments (paper reviews, bibliography, infographic, and project)
- without an approved request for consideration (by the instructor), species selection not made by the due date will result in a grade of '0%'
- midterm/final missed due to un-reported absence will be graded as '0%' (cannot be retaken)

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

Electronic recording of lectures is <u>solely</u> for the use of the authorized student and may <u>not</u> be reproduced or transmitted to others without the express written consent of the instructor.

7.5 Turnitin

In this course, your instructor will be using Turnitin, integrated with the CourseLink Dropbox tool, to detect possible plagiarism, unauthorized collaboration or copying as part of the ongoing efforts to maintain academic integrity at the University of Guelph. All submitted projects will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site. A major benefit of using Turnitin is that students will be able to educate and empower themselves in preventing academic misconduct. In this course, you may screen your own projects through Turnitin as many times as you wish before the due date. You will be able to see and print reports that show you exactly where you have properly and improperly referenced the outside sources and materials

in your assignment.

7.6 Course Evaluation Information

End of semester course and instructor evaluations provide students the opportunity to have their comments and opinions used as an important component in the Faculty Tenure and Promotion process, and as valuable feedback to help instructors enhance the quality of their teaching effectiveness and course delivery. Please refer to the Course and Instructor Evaluation Website **for more information.**

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.uoquelph.ca/registrar/calendars/graduate/current/genreg/index.shtml

Associate Diploma Calendar - Academic Consideration, Appeals and Petitions https://www.uoquelph.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 make a booking at least 14 days in advance, and no later than November 1 (fall), March 1 (winter) or July 1 (summer). Similarly, new or changed accommodations for online quizzes, tests and exams must be approved at least a week ahead of time.

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.uoquelph.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, changes in classroom protocols, and academic schedules. Any such changes will be announced via CourseLink and/or class email.

This includes on-campus scheduling during the semester, mid-terms and final examination schedules. 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

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g., final exam or major assignment).

8.11 Covid-19 Safety Protocols

For information on current safety protocols, follow these links:

- https://news.uoguelph.ca/return-to-campuses/how-u-of-g-is-preparing-for-your-safereturn/
- https://news.uoguelph.ca/return-to-campuses/spaces/#ClassroomSpaces

Please note, these guidelines may be updated as required in response to evolving University, Public Health or government directives.