



## BIOL\*2060 Ecology

Summer 2018

Section: DE01

Department of Integrative Biology

Credit Weight: 0.50

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### Course Details

#### Calendar Description

This course discusses the ecology of plants, animals, fungi and bacteria as individual organisms, interacting populations, communities and ecosystems. Lectures and discussion groups are used to demonstrate the difficulty of interpreting ecological data derived from field studies. The value of laboratory-based research in ecology will also be discussed. The course will be important for anyone who wishes to understand what we know and need to know about the way ecological systems work.

**Pre-Requisite(s):** 4.00 credits including BIOL\*1070

**Co-Requisite(s):** None

**Restriction(s):** None

**Method of Delivery:** Online

#### Final Exam

**Date:** TBA

**Time:** TBA

**Location:** On campus

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## Instructional Support

### Instructors

**Leslie Rye**

**Email:** [lrye@uoguelph.ca](mailto:lrye@uoguelph.ca)

**Telephone:** (519) 824-4120 Ext. 56129

**Office:** SSC 1446

**Dori McCombe**

**Email:** [dori.mccombe@uoguelph.ca](mailto:dori.mccombe@uoguelph.ca)

**Telephone:** (519) 824-4120 Ext. 58379

**Office:** SSC 1444

### Teaching Assistant(s)

**Name:** TBA

**Email:** TBA

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## Learning Resources

### Required Textbook

**Title:** Ecology: Concepts & Applications

**Author(s):** Molles, M.C. and J.F. Cahill.

**Edition / Year:** Fourth Canadian Edition / 2017

**Publisher:** McGraw-Hill

**ISBN:** 9781259362194

You may purchase the textbook at the [Guelph Campus Co-op Bookstore](#) or the [University of Guelph Bookstore](#). Please note that DE textbooks are located in the Distance Education section of the University of Guelph Bookstore.

<https://guelphcampus.coop/bookstore>

<http://www.bookstore.uoguelph.ca/>

### Supplementary Materials

This course includes supplementary materials. These materials are meant to supplement the required readings and course content. You can explore the materials at your own pace. To access these materials, select **Content** on the navbar to locate **Supplementary Materials** in the table of contents panel.

## Spreadsheet and Word Processing Software

The assignments and review questions will involve handling and analyzing data, as well as writing reports. You will need access to spreadsheet and word processing software that is compatible with Microsoft Word and Excel. Consult [Computing and Communication Services](#) (CCS) for available software for students.

<https://www.uoguelph.ca/ccs/>

## Course Website

[CourseLink](#) (powered by D2L's Brightspace) is the course website and will act as your classroom. It is recommended that you log in to your course website every day to check for announcements, access course materials, and review the weekly schedule and assignment requirements.

<https://courselink.uoguelph.ca>

## 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](mailto:libres2@uoguelph.ca)

Location: McLaughlin Library, First Floor, University of Guelph

<http://www.lib.uoguelph.ca/find/find-type-resource/course-reserves-ares/how-get-course-reserve-material>

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## Learning Outcomes

### Course Learning Outcomes

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

1. Explain patterns observed in nature by applying fundamental ecological theories.
2. Communicate clearly about ecological systems and processes by applying appropriate ecological terminology.

3. Appreciate the historical development of the discipline and the contributions of influential scientists to our understanding of contemporary issues.
4. Begin to formulate solutions to conservation and management issues related to the distribution and abundance of species by applying ecological theory.
5. Critically analyze primary scientific papers on a specific ecological topic.
6. Critically evaluate primary ecological literature in the context of ecological theory.
7. Develop and present a research proposal (including a review of literature, statement of hypothesis and predictions, appropriate research methodology, and anticipated results) on an ecological topic.

In addition to the overall learning objectives, you will find detailed learning objectives in the course notes for each unit on the course website.

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## Teaching and Learning Activities

### Method of Learning

This course will introduce you to the basic concepts, theories, and evidence about ecological processes that determine the distribution and abundance of organisms. Our approach will include a mix of theory and field and laboratory techniques as presented in the six units and discussed in tutorials. We will also apply the principles you've been learning to topics related to conservation, resource use, and human impacts on the biosphere.

Emphasis will be placed on how ecologists use the scientific method, and you will have an opportunity to practice formulating hypotheses and designing experiments to test predictions in your tutorials and in Assignment 2. We will also emphasize peer assistance and interactivity in the course. You will participate in online discussions and informal peer review with your group in the tutorials.

### Course Structure

This course is comprised of six units, with major topics as follows:

- Unit 01 – Introduction
  - Ecology and the Scientific Method
  - Global Patterns of Variability
  - Responses of Organisms to Environmental Variability
- Unit 02 – Individuals
  - Homeostasis
  - Temperature Relations
  - Water Relations

- Energy and Nutrient Relations
- Unit 03 – Populations
  - Distribution and Abundance of Populations and Species
  - Population Dynamics
  - Population Growth
- Unit 04 – Population Interactions
  - Interactions Within and Between Populations
  - Competition
  - Predation
- Unit 05 – Communities
  - Community Structure
  - Food Webs
  - Changes in Community Structure
- Unit 06 – Large-Scale Ecology
  - Geographic Ecology
  - Primary Productivity and Energy Flow
  - Global Change and the Distribution of Species

## Schedule

It is strongly recommended that you follow the course schedule provided below. The schedule outlines what you should be working on each week of the course and lists the important due dates for the assessments. By following the schedule, you will be better prepared to complete the assessments and succeed in this course.

### Unit 01: Introduction

**Weeks 1 and 2 – Thursday, May 10 to Sunday, May 27**

#### Readings

- Course website: Unit 01 course notes and glossary
- Textbook:
  - Chapter 1, Pages 2-14
  - Chapter 2, Pages 17-46
  - Chapter 3, Page 50
  - Chapter 4, Pages 88-90

- Chapter 5, Pages 111-116, 118-122

### Activities

- Familiarize yourself with the course website by selecting **Start Here** on the navbar.
- Review **Outline** and **Assessments** on the course website to learn about course expectations, assessments, and due dates.
- Confirm your access to the course reserve materials by selecting **Ares** on the navbar.

### Assessments

- **Tutorial 1 Worksheet**  
Due: Tuesday, May 15 at 11:45 pm ET
- **Unit 01 Quiz**  
Opens: Monday, May 14 at 12:00 am ET  
Closes: Sunday, May 27 at 11:45 pm ET
- **Tutorial 2 Worksheet**  
Due: Tuesday, May 22 at 11:45 pm ET

## Unit 02: Individuals

### Weeks 3 and 4 – Monday, May 28 to Sunday, June 10

#### Readings

- Course website: Unit 02 course notes and glossary
- Textbook:
  - Chapter 5, Pages 123-131
  - Chapter 6, Pages 142-147, 147-165
  - Chapter 7, Pages 183-187,187-191

#### Activities

- Complete Unit 02 Review Questions and discuss them with the class

#### Assessments

- **Tutorial 3 Worksheet**  
Due: Tuesday, May 29 at 11:45 pm ET
- **Unit 02 Quiz**  
Opens: Monday, May 28 at 12:00 am ET  
Closes: Sunday, June 10 at 11:45 pm ET

- **Tutorial 4 Worksheet**  
Due: Tuesday, June 5 at 11:45 pm ET
- **Assignment 1**  
Due: Sunday, June 10 at 11:45 pm ET

### **Unit 03: Populations**

#### **Weeks 5 and 6 – Monday, June 11 to Sunday, June 24**

##### **Readings**

- Course website: Unit 03 course notes and glossary
- Textbook:
  - Chapter 4, Pages 81-88
  - Chapter 9, Pages 229-234
  - Chapter 10, Pages 261-283
  - Chapter 11, Pages 291-300
  - Chapter 12, Pages 309-332

##### **Activities**

- Answer the Unit 03 Review Questions and discuss them with the class

##### **Assessments**

- **Tutorial 5 Worksheet**  
Due: Tuesday, June 12 at 11:45 pm ET
- **Unit 03 Quiz**  
Opens: Monday, June 11 at 12:00 am ET  
Closes: Sunday, June 24 at 11:45 pm ET

### **Unit 04: Population Interactions**

#### **Weeks 7 and 8 – Monday, June 25 to July 8 (*40<sup>th</sup> Class Day: Friday, July 6*)**

##### **Readings**

- Course website: Unit 04 course notes and glossary
- Textbook:
  - Chapter 5, Page 118
  - Chapter 9, Pages 247-251

- Chapter 13, Pages 337-359
- Chapter 14, Pages 365-377, 378-384
- Chapter 15, Pages 396-399, 408-416

### **Activities**

- Answer the Unit 04 Review Questions and discuss them with the class

### **Assessments**

- **Tutorial 6 Worksheet**  
Due: Tuesday, June 26 at 11:45 pm ET
- **Unit 04 Quiz**  
Opens: Monday, June 25 at 12:00 am ET  
Closes: Sunday, July 8 at 11:45 pm ET
- **Tutorial 7 Worksheet**  
Due: Tuesday, July 3 at 11:45 pm ET

## **Unit 05: Communities**

### **Weeks 9 and 10 – Monday, July 9 to Sunday, July 22**

#### **Readings**

- Course website: Unit 05 course notes and glossary
- Textbook:
  - Chapter 16, Pages 426-437
  - Chapter 17, Pages 452-456, 459-466
  - Chapter 18, Pages 477-483, 497-498

#### **Activities**

- Answer the Unit 05 Review Questions and discuss them with the class

#### **Assessments**

- **Tutorial 8 Worksheet**  
Due: Tuesday, July 10 at 11:45 pm ET
- **Unit 05 Quiz**  
Opens: Monday, July 9 at 12:00 am ET  
Closes: Sunday, July 22 at 11:45 pm ET
- **Assignment 2**  
Due: Sunday, July 22 at 11:45 pm ET



## Unit 06: Large-scale Ecology

Weeks 11 and 12 – Monday, July 23 to Friday, August 3

### Readings

- Course website: Unit 05 course notes and glossary
- Textbook:
  - Chapter 7, Pages 191-193
  - Chapter 16, Pages 437-439
  - Chapter 19, Pages 509-529
  - Chapter 20, Pages 554-557
  - Chapter 22, Pages 597-607
  - Chapter 23, Pages 633-645

### Activities

- Answer the Unit 06 Review Questions and discuss them with the class

### Assessments

- **Unit 06 Quiz**

Opens: Monday, July 23 at 12:00 am ET

Closes: Friday, August 3 at 11:45 pm ET

Note: This quiz closes on the last scheduled date for this course, a Friday.

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## Assessments

The grade determination for this course is indicated in the following table. A brief description of each assessment is provided below. Select **Content** on the navbar to locate **Assessments** in the table of contents panel to review further details of each assessment. Due dates can be found under the Schedule heading of this outline.

**Table 1: Course Assessments**

<b>Assessment Item</b>	<b>Weight</b>
Online Quizzes	10%
Tutorials (8)	20%
Assignment 1	10%

Assessment Item	Weight
Assignment 2	20%
Final Exam	40%
<b>Total</b>	<b>100%</b>

## Assessment Descriptions

### Online Quizzes

Online quizzes should be **done on an individual basis**. Each quiz attempt will be graded electronically when it is submitted, and the questions answered incorrectly will be shown. You can repeat the quiz as many times as you wish within the open and close quiz periods, and the highest score will be recorded as the grade for that quiz. The more you repeat the quizzes, the more experience you will have with the course material and the better prepared you will be for the final exam.

### Tutorials

The tutorials are designed to take you through the skills needed to complete the two written assignments. For each tutorial you will complete a tutorial worksheet, on an individual basis, with feedback provided by your group members and TA. Each group will have access to their own Tutorials Conference so that you will have a forum in which to discuss your work. You will submit the Tutorial Worksheets in .doc file format in the correct **Dropbox** folder by the due dates identified in the schedule above. Your TA will grade the Tutorial Worksheets and provide feedback on your submissions.

### Assignments 1 and 2

In these two assignments, Assignment 1 (Literature Review) and Assignment 2 (Research Proposal), you will have an opportunity to choose a research topic on the ecology of biological invasions, conduct a literature search, write a literature review (worth 10%) and then design an experiment and write a research proposal (worth 20%). These assignments should be completed on an individual basis.

### Final Exam

This course requires you to write a traditional sit-down final exam. Final exams are written on campus at the University of Guelph or at alternate locations for students at a distance. The exam may include multiple choice, true and false, fill-in-the-blank, and short answer questions based on all of the content covered in the course.

It is assumed that all DE students will be writing their final examination on campus at the University of Guelph. University of Guelph degree and associate diploma students must check [WebAdvisor](#) for their examination schedule. Open Learning program

students must check the [Open Learning Program Final Examination Schedule](#) for their examination schedule.

If you are studying at a distance, you can request to write your final exam at an alternate location. It is recommended that you make arrangements as early as possible in the semester since changes cannot be guaranteed after the deadline. Exam schedules for off-campus exams will be emailed by Week 9 of the course. For more information, please visit [Final Exams](#).

<https://webadvisor.uoguelph.ca>

<http://opened.uoguelph.ca/student-resources/Open-Learning-Program-Final-Exam-Schedule>

<http://opened.uoguelph.ca/student-resources/final-exams>

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## Course Technologies and Technical Support

### 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>

### Technical Skills

As part of your online experience, you are expected to use a variety of technology as part of your learning:

- 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.

## Course Technologies

### Ares

The library's Ares Course Reserve system is a software solution that provides you with access to digital resources used in your course. The system also provides information on print resources placed at the physical reserve desk at the library. Accessibility and privacy policy statements do not exist for this software.

### CourseLink

Distance Education courses are offered entirely online 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.

### CourseLink Support

University of Guelph

Day Hall, Room 211

Email: [courselink@uoguelph.ca](mailto:courselink@uoguelph.ca)

Tel: 519-824-4120 ext. 56939

Toll-Free (CAN/USA): 1-866-275-1478

### Walk-In Hours (Eastern Time):

Monday thru Friday: 8:30 am–4:30 pm

### Phone/Email 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

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# Course Specific Standard Statements

## Acceptable Use

The University of Guelph has an [Acceptable Use Policy](https://www.uoguelph.ca/ccs/infosec/aup), which you are expected to adhere to.

<https://www.uoguelph.ca/ccs/infosec/aup>

## 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 try to respond to your email within 48 to 72 hours.
- **Skype:** If you have a complex question you would like to discuss with your instructor, you may book a Skype meeting. Skype meetings depend on the availability of you and the instructor, and are booked on a first come first served basis.

## Netiquette Expectations

For distance education courses, the course website is considered the classroom and the same protections, expectations, guidelines, and regulations used in face-to-face settings apply, plus other policies and considerations that come into play specifically because these courses are online.

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; and
- Sharing your username and password.

## Submission of Tutorials and Assignments to Dropbox

All tutorials and both assignments for this course should be submitted electronically via the online **Dropbox** tool. When submitting your file using the **Dropbox** tool, do not leave the page until your file 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 files 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 files to a cloud-based file storage (e.g., Google Docs), or send to your email account, so that should something happen to your computer, the file could still be submitted on time or re-submitted.

It is your responsibility to submit your tutorials and 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 file electronically, please contact your instructor or [CourseLink Support](#).

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

## Late Policy

Late tutorials will not be accepted. If you choose to submit your assignment 1 or 2 to the **Dropbox** tool late, the full allocated mark will be reduced by 10% if it is submitted the next day. Assignments over 24 hours late will not be accepted.

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.

## Obtaining Grades and Feedback

Unofficial assessment marks will be available in the **Grades** tool of the course website.

Your instructor will usually have grades posted online within 2 weeks of the submission deadline, if the assignment was submitted on time. Once your assignments are marked you can view your grades on the course website by selecting **Grades** from the **Tools** dropdown menu on the navbar. Your course will remain open to you for seven days following the last day of the final exam period.

University of Guelph degree students can access their final grade by logging into [WebAdvisor](#) (using your U of G central ID). Open Learning program students should log in to the [OpenEd Student Portal](#) to view their final grade (using the same username and password you have been using for your courses).

<https://webadvisor.uoguelph.ca>

<https://courses.opened.uoguelph.ca/portal/logon.do?method=load>

## Rights and Responsibilities When Learning Online

For distance education (DE) courses, the course website is considered the classroom and the same protections, expectations, guidelines, and regulations used in face-to-face settings apply, plus other policies and considerations that come into play specifically because these courses are online.

For more information on your rights and responsibilities when learning in the online environment, visit [Rights and Responsibilities](#).

<http://opened.uoguelph.ca/student-resources/rights-and-responsibilities>

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## University Standard Statements

### University of Guelph: Undergraduate Policies

As a student of the University of Guelph, it is important for you to understand your rights and responsibilities and the academic rules and regulations that you must abide by.

If you are a registered **University of Guelph Degree Student**, consult the [Undergraduate Calendar](#) for the rules, regulations, curricula, programs and fees for current and previous academic years.

If you are an **Open Learning Program Student**, consult the [Open Learning Program Calendar](#) for information about University of Guelph administrative policies, procedures and services.

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/>

<http://opened.uoguelph.ca/student-resources/open-learning-program-calendar>

## **Email Communication**

### **University of Guelph Degree Students**

As per university regulations, all students are required to check their uoguelph.ca e-mail account regularly: e-mail is the official route of communication between the University and its students.

### **Open Learning Program Students**

Check your email account (the account you provided upon registration) regularly for important communications, as this is the primary conduit by which the Open Learning and Educational Support will notify you of events, deadlines, announcements or any other official information.

## **When You Cannot Meet Course Requirements**

When you find yourself unable to meet an in-course requirement due to illness or compassionate reasons, please advise your course instructor **in writing**, with your name, ID number and email contact.

### **University of Guelph Degree Students**

Consult the [Undergraduate Calendar](#) for information on regulations and procedures for Academic Consideration.

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml>

### **Open Learning Program Students**

Please refer to the [Open Learning Program Calendar](#) for information on regulations and procedures for requesting Academic Consideration.

<http://opened.uoguelph.ca/student-resources/open-learning-program-calendar>



## Drop Date

### University of Guelph Degree Students

The last date to drop one-semester courses, without academic penalty, is indicated on the Schedule section of this course outline. [Review the Undergraduate Calendar for regulations and procedures for Dropping Courses.](#)

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml>

### Open Learning Program Students

Please refer to the [Open Learning Program Calendar.](#)

<http://opened.uoguelph.ca/student-resources/open-learning-program-calendar>

## Copies of Tutorials and Assignments

Keep paper and/or other reliable back-up copies of all tutorials and assignments: you may be asked to resubmit work at any time.

## Accessibility

The University of Guelph is committed to creating a barrier-free environment. Providing services for students is a shared responsibility among students, faculty and administrators. This relationship is based on respect of individual rights, the dignity of the individual and the University community's shared commitment to an open and supportive learning environment.

### University of Guelph Degree Students

Students requiring service or accommodation, whether due to an identified, ongoing disability or a short-term disability should contact Accessibility Services as soon as possible.

For more information, contact Accessibility Services at 519-824-4120 ext. 56208, [email Accessibility Services](#) or visit the [Accessibility Services website.](#)

[accessibility@uoguelph.ca](mailto:accessibility@uoguelph.ca)

<https://wellness.uoguelph.ca/accessibility/>

### Open Learning Program Students

If you are an Open Learning program student who requires academic accommodation, please [contact the Academic Assistant to the Director.](#) Please ensure that you contact us before the end of the first week of your course (every semester) in order to avoid any delays in support. Documentation from a health professional is required for all academic accommodations. Please note that all information provided will be held in confidence.

If you require textbooks produced in an alternate format (e.g., DAISY, Braille, large print or eText), please [contact the Academic Assistant to the Director](#) at least two months

prior to the course start date. If contact is not made within the suggested time frame, support may be delayed. It is recommended that you refer to the course outline before beginning your course in order to determine the required readings.

The provision of academic accommodation is a shared responsibility between OpenEd and the student requesting accommodation. It is recognized that academic accommodations are intended to “level the playing field” for students with disabilities.

jessica.martin@uoguelph.ca

## **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.

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml>

## **Copyright Notice**

Content within this course is copyright protected. Third party copyrighted materials (such as book chapters and articles) have either been licensed for use in this course, or have been copied under an exception or limitation in Canadian Copyright law.

The fair dealing exemption in Canada's Copyright Act permits students to reproduce short excerpts from copyright-protected materials for purposes such as research, education, private study, criticism and review, with proper attribution. Any other copying, communicating, or distribution of any content provided in this course, except as permitted by law, may be an infringement of copyright if done without proper license or the consent of the copyright owner. Examples of infringing uses of copyrighted works would include uploading materials to a commercial third party web site, or making paper or electronic reproductions of all, or a substantial part, of works such as textbooks for commercial purposes.

Students who upload to CourseLink copyrighted materials such as book chapters, journal articles, or materials taken from the Internet, must ensure that they comply with Canadian Copyright law or with the terms of the University's electronic resource licenses.

For more information about students' rights and obligations with respect to copyrighted works, review [Fair Dealing Guidance for Students](#).

[http://www.lib.uoguelph.ca/sites/default/files/fair\\_dealing\\_policy\\_0.pdf](http://www.lib.uoguelph.ca/sites/default/files/fair_dealing_policy_0.pdf)

## **Plagiarism Detection Software**

Students should be aware that faculty have the right to use software to aid in the detection of plagiarism or copying and to examine students orally on submitted work. For students found guilty of academic misconduct, serious penalties, up to and including suspension or expulsion from the University can be imposed.

## **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.