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## ENVS\*2130 - Eating Sustainably in Ontario

### Winter 2024 Course Outline

**Section: 01**

**Credits: 0.50**

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## Land Acknowledgement: Guelph

The University of Guelph resides on the ancestral lands of the Attawandaron people and the treaty lands and territory of the Mississaugas of the Credit. We recognize the significance of the Dish with One Spoon Covenant to this land and offer respect to our Anishinaabe, Haudenosaunee and Métis neighbours. Today, this gathering place is home to many First Nations, Inuit, and Métis peoples and acknowledging them reminds us of our important connection to this land where we work and learn.

## Calendar Description

This course is intended to introduce students to the science behind food related issues within the context of Ontario agriculture and food systems. The course will provide students with an overview of the history of agriculture in Ontario and an opportunity to discuss both sides of current debates over food production and associated environmental and human health issues.

**Prerequisite(s):** 4.00 credits

**Restriction(s):** Not available to students registered in the BAS, BBRM, BIESP, BSC, BSC(Agr) or BSC(Env) programs.

**Department(s):** School of Environmental Sciences

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## Lecture Schedule

MonWed 2:30pm-3:50pm in MCKN\*120 (1/8 to 4/23)

## Instructor Information

Kimberley Bolton

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

Office: ALEX 260

Winter 2024 Office Hours:

I am happy to schedule a time to meet either in person or online through Zoom. Please email me to set up a meeting time.

You can also post questions for me through CourseLink Discussions.

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## Learning Resources

### Required Resources

There is no required Textbook for this course.

#### CourseLink (Website)

The instructor uses CourseLink (<https://courselink.uoguelph.ca/>) for posting lecture slides, announcements, recorded lectures, class readings, discussions, and other required or recommended materials relevant to the course. Please check CourseLink (<https://courselink.uoguelph.ca/>) frequently.

Live-streaming will NOT be used in this course. However, provided the technology and support are available, I will do my best to record all lectures. Recorded lectures will be made available within 24 hours of the lecture and will ONLY be available for 1 week.

#### Zoom (Software)

I will use Zoom for online meetings with students. Please email me to set up a time to meet.

You can access Zoom from within the CourseLink page under Content. Please check your system requirements (<https://opened.uoguelph.ca/student-resources/system-and-software-requirements/>) here (<https://opened.uoguelph.ca/student-resources/system-and-software-requirements/>).

### Campus Resources

If you are concerned about any aspect of your academic program: Make an appointment with a Program Counsellor (<https://www.uoguelph.ca/uaic/programcounsellors/>) in your degree program. If you are struggling to succeed academically: There are numerous academic resources offered by the Learning Commons (<https://www.lib.uoguelph.ca/using-library/spaces/learning-commons/>) including, Supported Learning Groups for a variety of courses, workshops related to time management, taking multiple choice exams, and general study skills.

## Library Course Reserve (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 (<https://lib.uoguelph.ca/find/course-reserves-ares/how-get-course-reserve-material/>).

If 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

## Course Learning Outcomes

1. Evaluate methods of food production and outline which methods are more sustainable.
2. Describe critically the broader environmental impacts of individual and societal food choices.
3. Analyze the assumptions and evaluate the worth of evidence used by the popular media.
4. Reflect on your own food choices in the context of eating sustainably.
5. Engage critically and in a scholarly manner, in public arguments about food sustainability issues.

## Teaching and Learning Activities

### Lecture Content

#### 1. Our Food

- What do we eat and where does it come from?
- A brief history of agriculture

#### 2. Crop Production

- Soils
- Seedbed preparation
- Nutrient management
- Water management
- Pest management

#### 3. Meat and Fish Production

- Beef, Dairy, Poultry/Eggs, Pork
- Fish and Seafood

#### 4. Impacts of Agriculture

- Impacts to the Land
- Impacts to Water
- Impacts to the Atmosphere
- Climate Change

#### 5. Agricultural Sustainability

- What is agricultural sustainability?
- Can sustainability be measured?

- Evaluating the Evidence
- Steps towards sustainability

6. Organic Agriculture and GMOs
7. Local Food and Food Miles
8. Sustainability of Vegetarianism and Veganism
9. Sustainable Fish and Seafood
10. Sustainability of Entomophagy
11. Food Waste

## Assessment Breakdown

Description	Weighting (%)	Due Date
Online Group Discussions	10%	Throughout semester
Online Midterm Examination	20%	Monday February 26, during lecture time
Annotated Bibliography and Outline (preparation for Short Research Paper)	10%	Sunday February 11, 11:59 PM
Short Research Paper	20%	Sunday March 17, 11:59 PM
Final Examination	40%	Friday April 19, 2:30 to 4:30 PM
<b>Total</b>	<b>100%</b>	

## Assessment Details

### Discussion

#### Online Group Discussions

10%

**Date:** Throughout semester, Online

There are five discussion topics. Instructions and due dates are available on CourseLink.

Online Group Discussions are an important vehicle for you to practice your critical thinking and for you to progress toward the course learning objectives. The discussions will be related to assigned readings and/or videos. A list of resources will be provided to you on CourseLink.

**Course Learning Outcomes Assessed:** 1, 2, 3, 4, 5

### Midterm

#### Online Midterm Examination

20%

**Date:** Monday February 26, online (under Quizzes)

The Online Midterm Examination will be available under the Quizzes Tool on CourseLink. More information about the format of the Online Midterm Examination will be provided to you during lectures.

The Online Midterm Examination will be available from 2:30 to 3:30 PM on Monday February 26. You will be able to access the exam anytime during this one-hour period. Once you begin the exam, you will have 1 hour and 15 minutes to complete it.

**Course Learning Outcomes Assessed:** 1, 2, 4, 5

### Annotated Bibliography

#### Annotated Bibliography and Outline (preparation for Short Research Paper)

10%

**Due:** Sunday February 11, 11:59 PM, Online

Details will be available in class and on CourseLink.

This assignment should be submitted electronically via Dropbox on CourseLink.

**Course Learning Outcomes Assessed:** 1, 2, 3, 5

## Research Paper

### Short Research Paper

20%

**Due:** Sunday March 17, 11:59 PM, Online

Details will be available in class and on CourseLink.

The Short Research Paper should be submitted electronically via Dropbox on CourseLink.

**Course Learning Outcomes Assessed:** 1, 2, 3, 5

## Exam

### Final Examination

40%

**Date:** Friday April 19, 2:30 PM - 4:30 PM

The Final Exam will be an in-person examination.

**Course Learning Outcomes Assessed:** 1, 2, 3, 4, 5

## Final Exam

**Date:** Apr 19

**Time:** Fri 2:30pm-4:30pm

**Location:** TBA *Please see Web Advisor closer to the date of scheduled final for location.*

To understand rules and regulations regarding Examinations students are encouraged to read Student's Responsibilities (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/examinations/>)

If the student is unable to meet the final exam requirements due to medical, psychological or compassionate circumstances they are encouraged to review Student's Responsibilities in the Academic Consideration, Appeals and Petitions (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/>) section of the Academic Calendar.

## Last Day to Drop Course

The final day to drop Winter 2024 courses without academic penalty is the last day of classes: April 08

After this date, a mark will be recorded, whether course work is completed or not (a zero is assigned for missed tests/assignments). This mark will show on the student's transcript and will be calculated into their average.

## Course Standard Statements

### Grading

**Policy on Late Assignments:** All late assignments will receive a 5% deduction for each day that they are late. Extensions will be considered for medical reasons or other extenuating circumstances. If you require an extension, contact the instructor (Dr. Kim Bolton) with a valid reason **in advance** of the due date.

**There will be NO extensions given for the Online Group Discussions.**

### Group Work

**Course Policy on Group Work:** You are not authorized to work together on any part of this course. Doing so would constitute academic misconduct.

### Turnitin Originality Check

In this course, your instructor will be using Turnitin for the Short Research Paper. Turnitin will be used, integrated with the CourseLink Dropbox tool, to detect plagiarism, unauthorized collaboration or copying as part of the ongoing efforts to maintain academic integrity at the University of Guelph.

Individual assignments submitted to the Dropbox tool 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 you will be able to educate and empower yourself in preventing academic misconduct. In this course, you may screen your own Short Research Paper 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 paper.

## Standard Statements for Undergraduate Courses

### 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 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 (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-misconduct/>) is outlined in the Undergraduate Calendar.

### 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 10 days in advance, and no later than the first business day in November, March or July as appropriate for the semester. Similarly, new or changed accommodations for online quizzes, tests and exams must be approved at least a week ahead of time. For students at the Guelph campus, information can be found on the SAS website. (<https://www.uoguelph.ca/sas/>)

### Accommodation of Religious Obligations

If you are unable to meet an in-course requirement due to religious obligations, please email the course instructor within two weeks of the start of the semester to make alternate arrangements.

See the Academic calendar for information on regulations and procedures for Academic Accommodations of Religious Obligations (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-accommodation-religious-obligations/>).

### 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.

### 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 undergraduate students 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 the Undergraduate Calendar - Dropping Courses (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/dropping-courses/>).

### Email Communication

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.

### Health and Wellbeing

The University of Guelph provides a wide range of health and wellbeing services at the Vaccarino Centre for Student Wellness (<https://wellness.uoguelph.ca/>). If you are concerned about your mental health and not sure where to start, connect with a Student Wellness Navigator (<https://wellness.uoguelph.ca/navigators/>) who can help develop a plan to manage and support your mental health or check out our mental wellbeing

resources (<https://wellness.uoguelph.ca/shine-this-year/>). The Student Wellness team are here to help and welcome the opportunity to connect with you.

## **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).

## **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.

## **Resources**

The Academic Calendars (<http://www.uoguelph.ca/registrar/calendars/?index>) are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.

## **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. See the Undergraduate Calendar for information on regulations and procedures for Academic Consideration. (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/>)