

The University of Western Ontario  
 Department of Geography and Environment  
**GEOG 2152F: Geography of Hazards**  
 Fall 2024

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## 1. Course Information

Delivery Mode	Day and Time	Location
In-person	Mondays 3:30 – 6:20 PM	NSC 145



Fall Classes Start	Reading Week	Fall Classes End	Study Days	Fall Final Exams
Sep 5	Oct 14 – 20	Dec 6	Dec 7 – 8	Dec 9 – 22

Sep 13: Last day to add a first term half course

Sep 30: National Day for Truth and Reconciliation

Oct 14: Thanksgiving Day

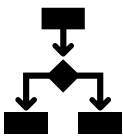
Nov 30: Last day to drop a first term half course without penalty



Course Instructor	Contact Information	Office	Office Hours
Mark Moscicki	mmoscic@uwo.ca	SSC 2219	Wednesdays 5:00 – 6:30 PM

## 2. Calendar Description

A survey of the methods and models used to understand human responses to hazards. The course reviews the rich tradition of hazards research in geography, particularly through the lens of social science. The course will include discussion of both natural hazards and technological hazards as examples.



3 lecture hours, 0.5 course weight

Antirequisite: The former GEOG 2152 A/B

Prerequisite: None

### 3. Readings

Readings will be posted on the course website throughout the semester.



### 4. Learning Objectives

The objectives of this course are to provide students with:

- an introduction to social science theories of hazard responses
- recognition of the risks caused by hazardous events
- knowledge of hazard planning and management solutions
- enhanced geographical problem-solving skills
- improved map reading abilities and geographic awareness



### 5. Course Format

Attendance at class sessions is expected as assignments will be completed during class time in the classroom. Selected course material will be posted to [OWL Brightspace](#).

[Google Chrome](#) or [Mozilla Firefox](#) are the preferred browsers to optimally use OWL Brightspace; update your browsers frequently. Students interested in evaluating their internet speed, please click [here](#). Using the proper browser is important, especially when using different features integrated with OWL Brightspace.



If students need assistance, support can be found on the [OWL Brightspace Help page](#). Alternatively, students can contact the [Western Technology Services Helpdesk](#). They are also available by phone at 519-661-3800 or ext. 83800.

Closed captioning is provided on all video clips.

## 6. Schedule

<i>Lecture</i>	<i>Date</i>	<i>Topic</i>
1	Sep 9	Introduction
		Overview of Hazards
2	Sep 16	Disaster and Risk Research
		<i>Assignment 1: Flood Risk Assessment</i>
		<i>Video: Japan Tsunami</i>
3	Sep 23	Tsunamis
		<i>Assignment 2: Tsunami Inundation</i>
		Models of Human Response
4	Oct 7	Risk and Culture
		<i>Assignment 3: Landslide Risk</i>
		Landslides
5	Oct 21	Severe Weather
		<i>Assignment 4: Discussion I</i>
	Oct 28	Midterm Exam
6	Nov 4	Earthquakes
		<i>Assignment 5: Hurricane Tracking</i>
7	Nov 11	Volcanoes
		<i>Assignment 6: Discussion II</i>
		In-Class Essay
8	Nov 18	Technological Hazards
		<i>Assignment 7: Groundwater Contamination</i>
		Meteorite Impacts
9	Nov 25	<i>Video: Chelyabinsk Meteor</i>
		<i>Assignment 8: Snowpack Monitoring</i>
		Snow Avalanches
10	Dec 2	Wildfires
		<i>Assignment 9: Discussion III</i>
		<i>Video: Megafires</i>



## 7. Communication



Students should check the course website regularly to keep up with announcements. E-mails must be sent from a UWO account and should contain the course code in the subject. E-mails will receive a response within 24 hours on weekdays.

## 8. Evaluation



Students are responsible for material covered in lectures as well as readings and videos. Assignments and question sets are practical, interactive applications of course content and will be completed during class time. Each assignment is worth 2% of the course grade except for discussion-based assignments (which are worth 1%). Each question set is worth 0.5% of the course grade. Detailed information about the essay will be provided early in the semester. The midterm exam will cover material studied from Sep 9 through Oct 21. The final exam is cumulative but weighted toward material studied in the second half of the semester. Exams will consist of multiple choice, fill in the blank, and short answer questions.

<i>Assessment</i>	<i>Date</i>	<i>Value</i>
Assignments	Weekly	15%
Question Sets	Weekly	4.5%
Midterm Exam	Oct 28	26%
In-Class Essay	Nov 11	8.5%
Research Report	Nov 25	10%
Final Exam	TBA	36%

### Requirements

The evaluation methods above are essential requirements. To pass the course, students must complete at least 5 assignments as well as the in-class essay. Students who have not met these requirements will not be permitted to write the final exam.

### Course Grades

Grades will not be adjusted on the basis of need. It is important to monitor your performance in the course. You are responsible for your grades in the course.

## **9. Accommodation Policies**

### **Accessible Education**

Students with disabilities work with Accessible Education which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The accommodation policy can be found here: [Academic Accommodation for Students with Disabilities](#).

### **Absence from Course Commitments**

Students must familiarize themselves with the [Policy on Academic Consideration – Undergraduate Students in First Entry Programs](#)

Students missing course work for medical, compassionate or extenuating circumstances can request academic consideration by completing a request through the central academic consideration portal. Students are permitted one academic consideration request per course per term without supporting documentation. Note that supporting documentation is always required for the final exam.

### **General Information about Missed Work**

University policy requires that all requests for academic considerations must be accompanied by a self-attestation. Any academic considerations granted in this course will be determined by the instructor, in consultation with the academic advisors in your Faculty of Registration, in accordance with information presented in this course outline. Supporting documentation for academic considerations for absences due to illness should use the [Student Medical Certificate](#) or, where that is not possible, equivalent documentation by a health care practitioner.

### **Course Assessment that Requires Supporting Documentation (Midterm Exam)**

The midterm exam has been designated as an assessment that requires formal documentation because it is considered central to the learning objectives for this course. Students seeking academic consideration for the midterm exam will be required to provide formal supporting documentation to their Faculty of Registration. If academic consideration for the midterm exam is granted, then a make-up midterm exam will be scheduled. If a student is unable to attend the make-up midterm exam at the scheduled time for a valid reason, then its weight will be transferred to the final exam.

### **Course Assessment with a Flexible Deadline (Research Report)**

The research report has a flexible deadline. Students are expected to submit the report by the deadline listed on the course outline. Should illness or extenuating circumstances arise, students are permitted to submit the report up to 48 hours past the deadline without academic penalty. Should a report be submitted beyond 48 hours past the deadline, a late

penalty of 10% per day will be subtracted from the assessed grade. Since a flexible deadline is used for the report, requests for academic consideration for the report will not be granted. If you have a long-term academic consideration or an accommodation for disability that allows greater flexibility than provided here, you must notify the instructor at least one week prior to the deadline listed on the course outline.

### **Accommodation for Religious Holidays**

Students should review the policy for [Accommodation for Religious Holidays](#). Where a student will be unable to write an exam due to a conflicting religious holiday, they should inform the instructor as soon as possible but not later than two weeks prior to writing the final exam. In the case of conflict with a midterm exam, students should inform the instructor as soon as possible but not later than one week prior.

## **10. Make-up Final Examinations**

A special final exam is any exam other than the regular exam, and it may be offered only with the permission of the Dean of the Faculty in which the student is registered in consultation with the Instructor and Department Chair. Permission to write a special final exam may be given based on compassionate or medical grounds with appropriate supporting documents. The format and content of make-up exams may differ substantially from the original exam.

## **11. Academic Offences**

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a [scholastic offence](#).

The research report is subject to submission for textual similarity review to the commercial plagiarism detection software under license to the university for the detection of plagiarism. All reports submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.

The use of artificial intelligence tools such as ChatGPT or artificial intelligence writing assistants is not permitted in the research report. Representing an idea, an expression of an idea, or a writing style or structure that was generated by artificial intelligence will be considered an offence.

For assignments that are completed in pairs, each student must write their own identifying information (name, student number, and signature). Writing someone else's identifying information is an offence; any student who has been found to have done this will receive a grade of zero on the assessment.

Computer graded multiple choice exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

## **12. Use of Electronic Devices**

No electronic devices will be permitted during exams.

## **13. Commitment to Accessibility**

The Department of Geography and Environment strives at all times to provide accessibility to all faculty, staff, students and visitors in a way that respects the dignity and independence of people with disabilities. Please contact the instructor if you require material in an alternate format or if you require any other arrangements to make the course more accessible to you. You may also wish to contact Student Accessibility Services (SAS) at 519-661-2147 for any specific question regarding an accommodation. Information regarding [accommodated exams](#) is available. More information about [accessibility](#) is available as well.

## **14. Mental Health**

If you or someone you know is experiencing distress, there are several resources at Western to assist you. Please visit the University's [Health and Wellness](#) site for more information on mental health resources.

## **15. Support Sites**

[Student Support Services](#)  
[Student Development Centre](#)

## **16. Important Dates**

Sep 5: Fall classes begin  
Sep 13: Last day to add a first term half course  
Sep 30: National Day for Truth and Reconciliation  
Oct 14: Thanksgiving Day (department office closed)  
Oct 14 - 20: Fall Reading Week (no classes; department office open)  
Nov 30: Last day to drop a first term half course without academic penalty  
Dec 6: Fall classes end  
Dec 7 - 8: Study days  
Dec 9 - 22: Fall examination period