

University of Winnipeg
Department of Geography
GEOG/ENV 4450(3): Geographic Perspectives on Environment & Sustainability s. 001
Monday 2:30-5:15 pm

INSTRUCTOR:	OFFICE HOURS:
Dr. Patricia Fitzpatrick p.fitzpatrick@uwinnipeg.ca @fitzpatrickpj (twitter)	In person (5L12): See outline on Nexus On-line: Thursday 1:30-2:30 Or by appointment

Please wear a kn95 (or better) mask if attending in person office hours.

When corresponding with the instructor, use your University of Winnipeg email account system: name@webmail.uwinnipeg.ca. Emails from accounts such as Hotmail or Gmail are frequently treated as spam and thus may not reach the recipient. Please do not use the email function in nexus.

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1.0 IMPORTANT INFORMATION COVID-19 ENVIRONMENT

1.1 Adeptness in course delivery

We remain in uncertain times with respect to the pandemic. As such, we may need to pivot with respect to mode of delivery. For this course, **if we need to move to remote learning**, these are the changes that will be implemented (depending on timing):

- you will need access to the internet, with an ability to watch videos, access to a microphone and access to a webcam (which can be turned on or off); and,
- in-person office hours will move to remote.

Students can find answers to frequently asked questions related to remote learning here:

<https://www.uwinnipeg.ca/covid-19/remote-learning-faq.html>

1.2 Equipment Requirements

To complete this course, you will need:

- Paper, and a marker
- A computer, on which you can download the UWinnipeg Microsoft suite (available as part of your tuition. See <https://www.uwinnipeg.ca/tech-sector/how-do-i/what-is-office-365-for-students.html>)

1.3 Privacy

I plan to live-stream the course throughout the term, so that people who have symptoms do not need to come in person. I intend to focus the camera on me, and supplementary material I present. Class discussions will not be streamed (nor recorded). Where possible, I will post that material on the nexus site. This is to ensure that those who are not available at the same time will have access to the material. Please note, do not rely on me posting the lectures – technological difficulties may limit the feasibility of me uploading lectures.

Given that I will live-stream the lectures (where technological possible), you or your personal information may appear. Please take appropriate precautions if you wish to remain anonymous. These sessions will remain on the nexus site until after the evaluation and subsequent appeal period. After the scheduled exam, these videos will be deleted.

Additional information about privacy can be found at: <https://www.uwinnipeg.ca/privacy/admissions-privacy-notice.html> .

1.4 Copyright

Dr. Fitzpatrick owns the copyright to materials she has created. As such, this material must be used in accordance with the University Copyright Policy & Procedures (see <https://copyright.uwinnipeg.ca/basics/copyright-policy.html>). Likewise, you retain copyright to any works you have submitted to the class.

2.0 COURSE INFORMATION

2.1 Course Description

This course considers geographic and environmental approaches to sustainable staples-based development, particularly as they apply to water, energy, and mining. Discussion begins by outlining change, complexity, uncertainty, and conflicts associated with primary and derived resources, including those contributing to climate change. Important technological innovations and policy developments

designed to address these challenges are contemplated. Topics include corporate social responsibility policies, public-private initiatives, community-based resource management, adaptive management, and social learning through public participation.

Cross-listed: ENV-4450(3).

Restrictions: Students may not hold credit for this course and ENV-4450.

2.2 Learning Objectives

This is a combined Senior Undergraduate/ Master's course. Assessment for each level follows the pattern, but students have different academic requirements (e.g., number of sources, page length, delivery method, allocation of marks).

This class is led by a settler/newcomer, whose career focuses on resource management. My role is to both share information about the western system governing these activities, as well as amplify Indigenous Voices.

Learning objectives are designed to identify what students *should* come to understand, and/or be reasonably able to do after completing the course. The curriculum for this class is designed so that students will:

1. Identify and analyze pressing issues in resource management.
2. Describe and critique conceptual and methodological tools and frameworks employed in managing complex resource management issues.
3. Develop critical analytical skills and basic information literacy for explaining complex resource management issues.
4. Apply best practice tools and strategies in real world scenarios.
5. Develop communication tools which are employed in the workplace.

2.3 Textbook (required)

The textbook for this course is available at the bookstore, and on electronic reserve at the library. Please use the third edition.

Craft, A., & Blakley, J. (Eds.). (2022). *In Our Backyard Keeyask and the Legacy of Hydroelectric Development*. Winnipeg: University of Manitoba Press.

****And assigned readings and/or videos. Material is available on reserve through the Nexus site.****

2.4 Reading and Lecture Schedule

The following outlines the concepts introduced each class. The detailed reading/video list (which includes both the concepts and the application chapters) is available on Nexus.

Be prepared to complete approximately seventy pages of reading per topic (e.g., two resources about concepts, and one chapter, where appropriate, of an impact statement)

1. January 9: Introduction

2. January 16: Impact Assessment
3. January 23: Monitoring & Follow-up
4. January 30: Evaluating Impacts
5. February 6: Indigenous Legal Traditions
6. February 13: Engaging the Public(s)
7. February 27: Sustainability
8. March 6: Planning, Regional Assessment & Cumulative Effects
9. March 13: From Participants to Partners
10. March 20: Communicating Information
11. March 27 & April 3: Presentations

2.5 Student Evaluation

Concept -specific material

Discussion Posts/ On-line Participation	24%	<i>Ongoing</i>
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In-depth research on your chosen topic, presented in *various formats*

Analytical Paper	20%	February 6
Outlining the Findings	10%	February 27
Group Report	15%	March 20
Presentation	10%	Scheduled March 27 & April 3
Infographic	21%	April 12, 5:00 pm

A brief description of each aspect appears below. Additional information about each component of the student evaluation is available on Nexus.

2.5.1 Participation

Your participation mark is assessed through on-line discussions. You are required to participate in 8 of a possible 10 forums (each worth 3 marks, for a total of 24). You may choose to participate in all the forums, but your grade will reflect your contribution to the eight.

The forums will pose specific questions about the readings, and **the deadline for each forum will occur before the specific class** (meaning you have to post BEFORE we discuss the topics in class).

2.5.2 Analytical Review

This assignment involves a written analytical review of peer-reviewed literature on a resources management theme. Although THIS IS AN INDIVIDUAL ASSIGNMENT, this formal, written report may be used as preliminary research for the group report.

2.5.3 Outlining the Findings

The purpose of this assignment is to develop an outline of your assessment of your component of the group report. This is an individual assignment – although the information will be used in your group work.

2.5.4 Group Report

The purpose of this project is to prepare a report, of practical use, for communities and/or organizations with outstanding resource management issues. Groups and topics will be assigned by the 3rd class. This component, the group report, is due in March to allow groups to ACTIVELY respond to feedback prior to

the presentation. Assessment will consider two elements: (i) the report and (ii) self- and peer-evaluation. See Nexus for more information, including format.

2.5.5 Presentation

The purpose of this evaluation is to provide your group with an opportunity to present its work. Assessment will consider: (i) self and peer evaluations of the presentation (5) and (ii) instructor evaluation of your presentation (5).

2.5.6 Info-graphic

For this component you will submit an info-graphic designed for a general audience highlighting one key aspect of your report. THIS IS AN INDIVIDUAL ASSIGNMENT.

2.6 Grading

The University does not have a standardized grading scheme. For this course, grade equivalents are as follows:

Letter	Numeric value	Calendar Description	Criteria
A+	90% - 100%	Excellent	Exceptional; significantly exceeds the highest expectations.
A	84% - 89%		Outstanding; meets the highest standards for the assignment
A-	80% - 83%		Excellent; meets very high standards for the assignment
B+	75% - 79%	Superior	Very good; meets and slightly exceeds the standards for the assignment.
B	70% - 74%		Good; meets the standards for the assignment
C+	65% - 69%	Slightly above average	Acceptable; meets basic standards for the assignment
C	55% – 64%	Average	Acceptable; meets some of the basic standards for the assignment
D	50% - 54%	Marginal	Minimally acceptable; lowest passing grade
F	<50%	Fail	Failing; very poor performance

The numeric boundaries separating letter grades may be altered at the demand of the Departmental Review Committee or University Senate.

2.7 Course Policies

2.7.1 Test & Exam policy

There are no exams or tests associated with this course.

2.7.2 Late Assignments

Assignments are due at the start of class. Please try to arrange extensions PRIOR to the deadline.

There is a need for us to work together RESPECTFULLY, particularly in these unusual times. I respect that you may have a variety of challenges facing you, including family and work commitments, and aspects which may compromise your well-being. I have accessibility challenges which require me to specifically organize computer time.

I will not assign late penalties this term, subject to the following:

- I endeavor to grade the material submitted on time within one week to 10 days. If you submit your assignment late, it goes to the bottom of my grading pile (which includes work from several courses and thesis students). Thus if you submit the material late – you may not get your grade **UNTIL THE END OF TERM.**
- The drop box closes **one** week after the due date. If you go beyond that one week, you will need to meet with me, and I reserve the right to offer you an alternative assignment.
- No term work will be accepted after April 4.

2.7.3 Late discussion posts

You must answer 8 of 10 discussion posts during the term. **I will not accept late discussion posts.** Additional information is available on Nexus.

2.7.4 Electronic Device Policy

Cellphones and other noise-emitting devices must be switched off during the synchronous classes.

2.8 General Information

There is group work involved in this class. In cases where assignments are based on group work, you will be graded individually. In part, the grades will be based on the final product. Your grade will also reflect your own performance, based on a variety of factors (including individual and group evaluations) as outlined in the specific assignment rubric.

While each group should make every effort to resolve conflicts early, and as a team, in the **extreme event** this is not possible, please speak to the course instructor. In such an event, the instructor reserves the right to change the group assignment into an individual assignment for one or more of the team members. Please try to avoid this scenario at all costs.

Last, but not least, it is ESSENTIAL that students are familiar with the University regulations surrounding academic integrity. The internet has provided us with a wealth of information, accessible at the click of a button. Nonetheless, the content you find on a site is someone else’s work. If you want to use this material, it is essential that you give the author credit, in the same manner that you must give credit for material uncovered through books, articles, videos, conversations in class, etc. To represent someone else’s words, ideas or images as your own is, in essence, stealing. Please pay attention to University conventions surrounding citations, as to not do so may have serious consequences.

3.0 DATE & UNIVERSITY SERVICE INFORMATION

3.1 Important Dates

Date	Significance
January 4	First day of lectures in this term
January 9	Our first class
February 19-25	Reading Break
February 20	Louis Riel Day (University closed)
March 14	FINAL DATE to withdraw without academic penalty from courses, which begin in January and end in April of 2022. Please note that withdrawing before this date does not necessarily result in a fee refund.
April 4	Lectures end for the term

April 7	Good Friday, University closed
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3.2 Academic Accommodation for Religious Reasons

Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make up work examinations without penalty. A list of religious holidays can be found at <http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf>

3.3 Accessibility Services

Students with documented disabilities, temporary or chronic medical conditions, requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., note-takers) are encouraged to contact Accessibility Services (AS) at 786-9771 or accessibilityservices@uwinnipeg.ca to discuss appropriate options. All information about a student's disability or medical condition remains confidential. <http://www.uwinnipeg.ca/accessibility>

3.4 Nexus

Additional materials related to this course will be available on Nexus. Students are expected to log on to Nexus to access lecture PowerPoints, assignments and additional readings. If you are having difficulties with Nexus see the information available at: <https://www.uwinnipeg.ca/student-learning-technologies/contact-nexus-support.html>

3.5 Student Wellness

The University of Winnipeg provides comprehensive general and specialized counselling and health services to all students for free at the Wellness Centre, located on the first floor of Duckworth Centre (1D25). For more information see <https://www.uwinnipeg.ca/student-wellness/>

3.6 UW Safe

In the event of an emergency, please dial police at 911 or campus security at 204-786-6666 for help. Everyone is urged to download UW Safe, our campus safety app for mobile devices (through the Apple or Google Play app store). It has emergency contact numbers ready to go with one click. It also contains a "friend walk" option that allows you to be visible in real time as you walk to a destination. SafeRide and SafeWalk programs are also available to everyone on campus including evening hours.

4.0 ACADEMIC REGULATIONS AND POLICIES

4.1 Voluntary Withdrawal

You must formally withdrawal from a course. If you simply stop going to classes, you may receive an "F" on your transcript and loss of tuition credit. The final date to withdraw from the course without academic penalty is March 14. Please refer to the Undergraduate Academic Calendar for Voluntary withdrawal procedures.

4.2 Research Policies

Students who plan to conduct research interviews, focus groups, surveys, or any other method of collecting data from any person, even a family member, must obtain the approval of the UHREB before commencing data collection. Exceptions are research activities in class as a learning exercise. See <https://www.uwinnipeg.ca/research/ethics/human-ethics.html> for submission requirements and deadlines.

4.3 Scent-Free Environment

UWinnipeg promotes a scent-free environment. Please be respectful of the needs of classmates and the instructor by avoiding the use of scented products should you attend lectures in person. Exposure to perfumes and other scented products (such as lotion) can trigger serious health reactions in persons with asthma, allergies, migraines or chemical sensitivities.

4.4 Respectful Working Environment

All students, faculty and staff have the right to participate, learn, and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy may be found online at www.uwinnipeg.ca/respect

4.5 Academic Conduct

It is your responsibility to be familiar with the information on Academic Regulations and Policies listed in the 2022-2023 University of Winnipeg Undergraduate Academic Calendar www.uwinnipeg.ca/index/calendar-calendar. This section covers classroom regulations, grading, transcripts, challenge for credit, academic standing, student discipline (academic and non-academic misconduct), appeals including grade appeals, general university policies and codes, and graduation. You can find information by watching the University of Winnipeg library video series on Academic integrity on the library youtube page: <https://www.youtube.com/@uwpglibrary>

A summary of important information regarding Academic Misconduct follows. Where discrepancies exist between the text below and the Undergraduate Academic Calendar, the Undergraduate Academic Calendar will prevail.

4.5.1 Forms of Academic Misconduct: see online

<http://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf>

- Plagiarism: includes presenting other peoples published or unpublished work in part or as a whole as your own. This includes material from lab manuals, essays, journal articles, books, etc. Plagiarism also refers to submitting the same work in more than one course without both instructors' permission and to the situation where two or more students submit identical (or nearly identical) work for evaluation when the work was to be completed individually.
- Cheating : includes copying another person's answer on a test, communicating with another person during a test or exam, consulting unauthorized sources (including written and electronic sources), obtaining a copy (of all or part) of a test/exam/assignment before it is officially available, purchasing tests, essays or other assignments and submitting the work as your own.
- Improper Academic/Research practices include fabricating or falsifying results, using other peoples' research findings without permission, misrepresenting research results or methods, referring to non-existent sources or investigators, contravening the University's Policy and Procedures on Research Integrity.
- Obstructing academic activities of another person; for example, interfering with another person's access to pertinent resources or information to gain academic advantage.
- Impersonation: both impersonation of another individual or allowing someone to impersonate you.
- Falsification or Modification of an Academic Record: including tests, transcripts, letters of permission, etc.
- Aiding and Abetting Academic Misconduct.

4.5.2 Penalties for Academic Misconduct

Penalties for academic misconduct include, but are not limited to:

- Written warning
- Lower or failing grade on an assignment or test
- Lower or failing grade in a course
- Denial of admission or readmission to the University
- Forfeiture of University awards or financial assistance
- Suspension from the University for a specified period of time
- Withholding or rescinding a U of W degree, certificate or diploma
- Expulsion from the University

4.5.3 Procedures for Academic Misconduct

All allegations of academic misconduct must be reported initiating a process which involves several steps. These include procedures involving the instructor of the course in which the misconduct is alleged to have occurred, the Departmental Review Committee, and the Senate Academic Misconduct Committee. Students facing a charge of academic or non-academic misconduct may choose to contact the UWSA Student Advocacy Centre where Student advocates will be available to answer any questions about the process, help with building a case and ensuring students have access to representation. For more information or to schedule an appointment, visit the website at <https://theuwsa.ca/academic-misconduct/>

Updated 28/11/2022