



University of Manitoba
Clayton H. Riddell Faculty of Environment, Earth, and Resources
Department of Environment and Geography

Environmental Science II: Issues

ENVR 2000

TABLE OF CONTENTS

COURSE DETAILS.....	3
INSTRUCTOR CONTACT INFORMATION.....	3
GENERAL COURSE INFORMATION.....	4
COURSE GOAL.....	4
INTENDED LEARNING OUTCOMES	4
USING COPYRIGHTED MATERIAL	4
RECORDING CLASS LECTURES	4
TEXTBOOK, READINGS, MATERIALS	5
COURSE TECHNOLOGY.....	5
CLASS COMMUNICATION.....	6
EXPECTATIONS: STUDENT	6
STUDENT ACCESSIBILITY SERVICES.....	7
EXPECTATIONS: INSTRUCTOR	7
CLASS SCHEDULE.....	7
COURSE EVALUATION METHODS	8
GRADING	9
REFERENCING STYLE	9
ASSIGNMENT DESCRIPTIONS	9
ASSIGNMENT GRADING TIMES	10
ASSIGNMENT EXTENSION AND LATE SUBMISSION POLICY	10

COURSE DETAILS

Course Title & Number:	Environmental Science II: Issues, ENVR 2000
Number of Credit Hours:	3
Class Times & Days of Week:	Mon/Wed/Fri 9:30am-10:20am
Location for classes/labs/tutorials:	221 Wallace Bldg.
Pre-Requisites:	ENVR 1000 (128.100) (C) or BIOL 1340 (071.134) (C)

Instructor Contact Information

Instructor(s) Name:	Kristina Hunter, M.Sc.
Preferred Form of Address:	Kristina or Ms. Hunter
Office Location:	250 Wallace Building
Office Hours or Availability:	Mon 10:20-10:50am Wed 10:20-10:50am Thur 11:15-12:00pm Fri 10:20-10:50am
Office Phone No.	204-474-6461 (no return calls made)
Email:	Kristina.Hunter@umanitoba.ca E-mails will usually be answered within 24 hours Mon-Fri.
Contact:	I look forward to meeting every student in person, and you can always see me after class, or during my office hours. Some correspondence will require documentation and therefore is best done by e-mail (such as requesting special permission).

COURSE DESCRIPTION: This course will briefly review the major features of the structure and function of natural systems along with the degree to which these have been compromised. The main component of the course, however, will concentrate on the identification of the issues that underlie environmental degradation, while exploring alternative conditions that have the potential to reverse current trends and ultimately contribute to ecological sustainability.

General Course Information

This course is meant to engage students on issues of the environment and ultimately the well-being of humans and the natural world. We will explore issues from a foundation of understanding the science behind the issue, the historical context and technical and social solutions. Issues explored include long-term, systemic issues in addition to topics currently in the media. ***Some outdoor activities will be used to help students engage in the course material.***

Course Goal

The goal of this course is to explore the complexities of environmental sustainability issues, leading to a fuller understanding of the problems and multi-dimensional solutions available.

Intended Learning Outcomes

Students will be fluent in the basic terminology of the discipline, able to comment on complex environmental issues, have an in-depth understanding of environmental problems and potential solutions, be proficient in conducting a waste audit and have demonstrated experience working towards solutions to environmental problems locally or globally.

Using Copyrighted Material

Please respect copyright. We will use copyrighted content in this course. I have ensured that the content I use is appropriately acknowledged and is copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created by me, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the *Copyright Act* applies or written permission has been confirmed. For more information, see the University's Copyright Office website at <http://umanitoba.ca/copyright/> or contact um_copyright@umanitoba.ca.

Recording Class Lectures

Kristina Hunter holds copyright over the course materials, presentations and lectures that form part of this course. No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without express permission of Kristina Hunter. Recordings made for student accessibility purposes may not be shared or posted online and must be deleted within 2 weeks of the end of classes. Course materials (both paper and digital) are for the participant's private study and research.

Textbook, Readings, Materials

Choose ONE of the following:

1. The Urban Bestiary: Encountering the Everyday Wild, 2013

by Lyanda Lynn Haupt

Publisher: Little, Brown and Company

ISBN-10: 0316178527

ISBN-13: 978-0316178525

2. Animals in Translation: Using the Mysteries of Autism to Decode Animal Behavior, 2006

by Catherine Johnson (Author), Temple Grandin (Author)

Publisher: Mariner Books

ISBN-10: 0156031442

ISBN-13: 978-0156031448

3. The Nature Principle: Reconnecting with Life in a Virtual Age, 2012

by Richard Louv (Author)

Publisher: Algonquin Books

ISBN-10: 161620141X

ISBN-13: 978-1616201418

4. The Wisdom of Wolves: Lessons From the Sawtooth Pack, 2018

by Jim Dutcher (Author), Jamie Dutcher (Author)

Publisher: National Geographic

ISBN-10: 1426218869

ISBN-13: 978-1426218866

5. What a Plant Knows: A Field Guide to the Senses, 2013

by Daniel Chamovitz (Author)

Publisher: Scientific American / Farrar, Straus and Giroux

ISBN-10: 0374533881

ISBN-13: 978-0374533885

Course Technology

IN THE CLASSROOM: It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use technology in the classroom only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If a student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (©[S Kondrashov](#). Used with permission)

COURSE RESOURCES: Course notes, detailed instruction on assignments and general course communications are posted on UM Learn. All assignments unless otherwise noted are submitted on UM Learn.

STUDENT RESOURCES: The Centre for Advancement of Teaching and Learning has instructional videos on accessing and contributing to wikis and blogs that may be useful.

[http://intranet.umanitoba.ca/academic_support/Centre for the Advancement of Teaching & Learning/resources/wikis_blogs.html](http://intranet.umanitoba.ca/academic_support/Centre_for_the_Advancement_of_Teaching_&_Learning/resources/wikis_blogs.html).

Class Communication

Please note that all communication between myself and you as a student must comply with the electronic communication with student policy

([http://umanitoba.ca/admin/governance/governing_documents/community/electronic communication with students policy.html](http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations: Student

ATTEND CLASS: The class is not intended to be simply one-way delivery of information, but rather a facilitated dialogue around materials presented. For this reason, your attendance in class is required so that you can be a part of the conversation and contribute your knowledge, experiences and opinions. As such, you are expected to be in attendance both physically and mentally.

Students are expected to attend all classes and may be debarred from the course, resulting in a failing grade if more than 2 weeks (6 classes) are missed without adequate medical documentation or compassionate grounds. Students should refer to the General Academic Regulations and Requirements, Attendance at Class and Debarment, found in the University of Manitoba General Calendar.

http://umanitoba.ca/student/records/leave_return/695.html

VOLUNTARY WITHDRAWAL DATE: March 20th, 2019

ACT WITH PROFESSIONALISM: In the University setting, we are in professional relationships. These relationships are characterized by demonstrated respect between all parties, students and instructors, and students and other students. This includes professional and respectful language, tone of voice and demeanour. This is an excellent time to practice the professionalism required in the workforce, especially in your e-mail and in-person communications.

ACADEMIC INTEGRITY: Please refer to "Schedule A" policies and resources for students as posted on UM Learn. In addition, please note that;

- (i) group projects are subject to the rules of academic dishonesty;

- (ii) group members must ensure that a group project adheres to the principles of academic integrity;
- (iii) if a group member is not acting with academic integrity or not performing his or her duties as agreed, please advise the Instructor as soon as possible to resolve any potential problems as early as possible;
- (iv) collaboration between students is encouraged for understanding material, proof-reading a peer's work, making suggestions on approach, etc.; however,
- (v) all work is to be completed independently unless otherwise specified.

Student Accessibility Services

Student Accessibility Services (SAS)

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services <http://umanitoba.ca/student/accessibility/index.html>
 520 University Centre 204-474-7423 Student_accessibility@umanitoba.ca

Expectations: Instructor

I approach teaching as a journey and it is my job to bring my students along on this journey of discovery. I attempt to spark passion for knowledge, critical thinking and the environment. Students learn and I learn as we take this journey together.

You can expect classes with traditional lecture styles, the use of audio visual materials, and multiple methods of engaging students in the material, eliciting discussion and provoking thought. Some class activities will be outdoors and action-oriented. Every contribution is valued, please bring yours.

I see it as my job to bring to you the various issues associated with the discipline, to show you the foundational theories, the emerging practices and examples from the real-world. It is up to you to engage and participate to get the most out of your education.

Class Schedule

This schedule is subject to change at the discretion of the instructor but such changes are subject to Section 2.8 of the – [ROASS](#)- Procedure.

	Week	Theme	Assignment/Test
1	Jan 7-11	Introductions	

2	Jan 14-18	Humans and the Environment	
3	Jan 21-25	Wild Issues	
4	Jan 28-Feb 1	Oil and Us	Wed Jan 30 Waste Audit Due
5	Feb 4-8	Oil and Us	
6	Feb 11-15	Sustainable Communities	Wed Feb 13 In-Class Test 1 (Vocabulary & Book Comprehension)
	Feb 18-22	<i>Winter Term Break – no classes</i>	
7	Feb 25-Mar 1	Food Systems	
8	Mar 4-8	Food Systems	
9	Mar 11-15	Consumer Culture	Wed Mar 13 Environmental Action Due
10	Mar 18-22	Chemical Contaminants	
11	Mar 25-29	Saving our Oceans	Fri Mar 29 Blog Due
12	Apr 1-5	Waste Not	Fri Apr 5 In-Class Test 2 (Vocabulary & Film Comprehension)
13	Apr 8 <i>Last class Apr 8</i>	Mission Possible	

Course Evaluation Methods

In many cases there is a grader-marker to assist with the marking load. In each case you will receive a grade based on the break-down provided in the Assignment Overview posted on UM Learn. The grade will also have constructive comments intended to assist you in your academic performance in this course. If you have any questions about the grading please bring them to me during my office hours.

Students will be evaluated through the following assignments and tests:

ASSIGNMENT 1: Blog (30%)

ASSIGNMENT 2: Waste Audit (15%)

ASSIGNMENT 3: Environmental Action (20%)

ASSIGNMENT 4: Attendance (5%)

IN-CLASS TESTS: Vocabulary and Comprehension (2*15% = 30%)

NOTE: In-class tests of vocabulary are cumulative and will cover all of the vocabulary presented throughout the term. The first in-class test will cover vocabulary and basic comprehension of the selected book that the student has chosen from the list provided above. The second in-class test will cover vocabulary and comprehension of the films presented in class. A list of testable films is provided on UM Learn.

Grading

Letter Grade	Percentage out of 100	
A+	90-100	Exceptional
A	80-89	Excellent
B+	75-79	Very Good
B	70-74	Good
C+	65-69	Satisfactory
C	60-64	Adequate
D	50-59	Marginal
F	0-49	Failure

Referencing Style

Any of the main referencing styles may be used in class, but in any case the reference must include an in-text citation (either numerical or author date) close to the idea, fact, image or quote being cited as well as a full citation at the end of the document. Students may choose to use APA, MLA, Chicago, CSE or other recognized referencing style.

Assignment Descriptions

All assignments are described along with the grading rubric in the Assignment Overview as posted on UM Learn.

Assignment Grading Times

Graded assignments will be returned 2 weeks after the submission date whenever possible. All materials submitted electronically on UM Learn will be graded and comments provided on UM Learn.

Assignment Extension and Late Submission Policy

All assignments are due at the beginning of class (9:30 am). Late submissions may be accepted based on medical or compassionate grounds. Extensions are not normally granted unless there are extenuating circumstances. No make-up assignments or re-do of past assignments are allowed.