

## ENVR 2000 Environmental Science 2 - Issues

LECTURE: 11:30-12:20 Mon/Wed/Fri, Fall 2015  
201 Armes

INSTRUCTOR: Kristina Hunter, 250 Wallace  
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\*\*\* please reference course number in all correspondence  
Office Hours: Tue, Thur 11:15-12:15,  
or by appointment

ASSIGNMENT SUBMISSION: All assignments to be submitted electronically to online learning platform, <https://universityofmanitoba.desire2learn.com/d2l/home>

ONLINE LEARNING: UM Learn  
<https://universityofmanitoba.desire2learn.com/d2l/home>

TEXTBOOK: Classic Edition Sources – Environmental Studies, 4<sup>th</sup> Edition  
Thomas Easton, Editor, 2012, McGraw Hill  
**To purchase e-book:** <http://create.mcgraw-hill.com/shop/>

SUPPLEMENTARY TEXTS: As posted on UM Learn.

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. Prerequisite: ENVR 1000 (C)

COURSE CONCEPT: This course is designed to promote a deeper understanding of the complexities of environmental issues. It is hoped that students will engage in the subject matter in a very personal and deep manner, beyond simply memorizing facts. Issues are explored in class through discussions, case studies, films and lectures. Further in-depth exploration is achieved outside of the limited class time by asking students to engage with environmental issues around them through supplementary websites, pod-casts, lectures, films, experiments, actions and field trips.

EVALUATION: Students will be evaluated through a series of assignments as well as class attendance and in-class vocabulary tests. The assignment requirements are posted on the course web site. A citation and standard referencing format is required whenever presenting a fact, idea, graphic or photo that is not your own. All assignments are graded individually and are individual efforts unless otherwise stated.

ASSIGNMENT 1: Blog (4\*8% = 32%)

ASSIGNMENT 2: Waste Audit (18%)

ASSIGNMENT 3: Environmental Action (15%)

ASSIGNMENT 4: Attendance (5%)

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

### ENVIRONMENT AND GEOGRAPHY GRADE SCALE

A+	90-100	<i>Exceptional</i>
A	80-89	<i>Excellent</i>
B+	75-79	<i>Very Good</i>
B	70-74	<i>Good</i>
C+	65-69	<i>Satisfactory</i>
C	60-64	<i>Adequate</i>
D	50-59	<i>Marginal</i>
F	0-49	<i>Failure</i>

All assignments are due at the beginning of class. All assignments are to be submitted electronically to the course online learning platform, Desire to Learn. Late submissions may be accepted based on medical or compassionate grounds.

ACADEMIC DISHONESTY: Plagiarism and other forms of cheating are prohibited. Plagiarism is to take words, ideas or other materials such as photos, diagrams or data that you did not create, and pass them off as your own. You must provide adequate and correct citation of the

sources of ideas whether quoted directly or paraphrased. To collaborate with another student when not permitted to do so by the Instructor is “Inappropriate Collaboration” and is subject to penalty under the Student Discipline By-law. Students should acquaint themselves with the University’s policy on Academic Integrity found in the University of Manitoba General Calendar. [http://umanitoba.ca/student/resource/student\\_advocacy/cheating\\_plagiarism\\_fraud.html](http://umanitoba.ca/student/resource/student_advocacy/cheating_plagiarism_fraud.html)

Other policies of interest including the Policy on Respectful Work and Learning Environment and the Policy on the Responsibilities of Academic Staff with Regard to Students can also be found in the General Calendar. [http://umanitoba.ca/admin/governance/governing\\_documents/index.html](http://umanitoba.ca/admin/governance/governing_documents/index.html)

#### CLASS ATTENDANCE:

Students are expected to attend all classes and may be debarred from the course, resulting in a failing grade if more than 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](http://umanitoba.ca/student/records/leave_return/695.html)

VOLUNTARY WITHDRAWAL DATE: November 18<sup>th</sup>, 2015

	<b>Week</b>	<b>Theme</b>	<b>Readings</b>	<b>Assignment Due</b>
0	Sep 11	Introduction		
1	Sep 14	Critical Thinking	<i>Collapse: How Societies Choose to Fail or Succeed</i> (S 38)	
2	Sep 21	Worldviews	<i>Human Carrying Capacity</i> (S 35) & <i>Tragedy of the Commons</i> (S 7)	
3	Sep 28	Wild Issues	<i>The Historical Roots of Our Ecological Crisis</i> (S 6) & <i>A Sand County Almanac</i> excerpt (S 4)	<b>Wed Sep 30 Blog 1</b>
4	Oct 5	Oil and Us	<i>Climate Change 2007: The Physical Science Basis</i> (S 23)	
5	Oct 12 <i>No classes Oct 12th</i>	Oil and Us	<i>A Path to Sustainable Energy by 2030</i> (S 13)	<b>Wed Oct 14 In-Class Test 1 (Vocabulary and Comprehension)</b>
6	Oct 19	Farm to Table	<i>Could Food Shortages Bring Down Civilization?</i> (S 25)	<b>Fri Oct 23 Blog 2</b>
7	Oct 26	Taming the Wild	<i>Women’s Indigenous Knowledge and Biodiversity Conservation</i> (S 37)	
8	Nov 2	Modern Issues	<i>Human Domination of Earth’s Ecosystems</i> (S 9)	<b>Fri Nov 6 Waste Audit</b>
9	Nov 9 <i>No classes Nov 11th</i>	More than we came for	<i>Ecosystems and Human Well-being</i> (S 10)	<b>Fri Nov 13 Blog 3</b>
10	Nov 16	Chemical Wastes	<i>Living Downstream</i> (S28) & <i>Our Stolen Future</i> (S29)	
11	Nov 23	Waste Not	<i>Environmental Justice for All</i> (S 31)	<b>Wed Nov 25 Environmental Action</b>
12	Nov 30	Dilution as the Solution	<i>Impacts of Biodiversity Loss on Ocean Ecosystem Services</i> (S 17)	<b>Wed Dec 2 Blog 4</b>
13	Dec 7 <i>Last day Dec 9th</i>	Mission Possible		<b>Mon Dec 7 In-Class Test 2 (Vocabulary and Comprehension)</b>