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

Green Building and Planning

ENVR 3750

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COURSE DETAILS

Course Title & Number:	Green Building and Planning, ENVR 3750
Number of Credit Hours:	3
Class Times & Days of Week:	Tue/Thur 10:00-11:15am
Location for classes/labs/tutorials:	217 Wallace Bldg.
Pre-Requisites:	ENVR 2000 and 57 credit hours of course work, or permission of department head

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 10:20-11:00am Wed 10:20-11:00am Thur 11:15-12:00pm Fri 10:20-11:00am
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 therefor is best done by e-mail (such as requesting special permission).

COURSE DESCRIPTION: An overview of the concepts and tools of Green building design and Green Planning. The course covers the history and trends in Green Building and Planning, related policies, tools and techniques. There is a strong emphasis on learning from local case-studies through seminars and field trips.

General Course Information

This course is an overview of the field of green building and planning. It spans theory, technologies, systems, and application. The course begins with an assessment of current building and planning practices with a focus on the local. Foundational theories and systems are covered along with technologies and case studies.

Course Goal

The goal of this course is to assess the current state of building and planning in the local context, understand alternative approaches and technologies and consider their application.

Intended Learning Outcomes

Students will be versed in the principles, technologies and application of green building and planning. They will be able to critically evaluate green building systems and planning approaches from a sustainability perspective. They will be conversant in green building rating systems and aware of local and global green building and planning examples.

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

The Green Studio Handbook, 2nd Ed. by Alison Kwok and Walter Grondzik, Routledge; 2nd edition, ISBN-10: 0080890520, ISBN-13: 978-0080890524

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. Student 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.

Class Communication

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students please visit: http://umanitoba.ca/admin/governance/media/Electronic_Communication_with_Students_Policy_-_2014_06_05.pdf

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). 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 (4 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 16th, 2018

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 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/saa/accessibility/
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 Due
1	Jan 4	Introduction	
2	Jan 9-11	The Need for Green	
3	Jan 16-18	The Good the Bad and the Sprawl	
4	Jan 23-25	Winnipeg Context	
5	Jan 30-Feb 1	Green Concepts	**Jan 30th Green Technologies Brief**
6	Feb 6-8	Green Technologies	**Feb 6th Green Technology Presentation**
7	Feb 13-15	Green Technologies	
	Feb 19-23	***Reading Week – no classes***	

8	Feb 27-Mar 1	Green Health	
9	Mar 6-8	Green Communities	
10	Mar 13-15	Case Studies	**Mar 13th Case Studies**
11	Mar 20-22	Campus Context	
12	Mar 27-29	Green Building Rating Systems	**Mar 27th Campus Planning Action**
13	April 3-5 *Last class April 5*	The Green Plan	**Apr 3rd The Green Plan Apr 5th Green Philosophy Statement**

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:

Green Technology Brief (15%) (Individual)
Green Technology Presentation (10%) (Group)
Case Study Presentation (15%) (Group)
Campus Planning Action (15%) (Individual)
Green Plan (35%) (Group)
Green Philosophy Statement (10%) (Individual)

Grading

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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 (10:00 am). Late submissions may be accepted based on medical or compassionate grounds. Extensions are not normally granted unless there are extenuating circumstances.