

Green Building and Planning, ENVR 3750, 2016

Course Instructor

Kristina Hunter, M.Sc.

Email: Kristina.Hunter@umanitoba.ca

*Please refer to course number in all correspondence.

Office: 250 Wallace

Office hours: Tue/Thur 11:15-12:15 or by appointment.

Class: Tue/Thur 10:00-11:15am, 217 Wallace Bldg.

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. Prerequisite: ENVR 2000 and 57 credit hours of course work, or permission of department head." 3.0 Credit Hours.

Site Visits

A number of local case studies will be assessed through site visits scheduled for Friday, March 4th, 2016, from 12:30-5:30pm.

Learning Objectives

Through this course students should be able to:

- Demonstrate an understanding of the history and context of green buildings and planning through an applied project
- Understand technologies involved in green building and planning
- Understand the policies and tools of green building and planning
- Evaluate the application of green building and planning in the local context through case studies and site visits

Assignments

Green Technology Presentation (15% individual)	Due: Thur, Feb 4, 2016
Case Study Presentation (20% pairs)	Due: Thur, Mar 3, 2016
Portfolio (30% individual)	Due: Tues, Mar 29, 2016
The Green Plan (20% group)	Due: Tues, Apr 5, 2016
Green Philosophy Statement (10% individual)	Due: Tues, Apr 7, 2016
Attendance (5%)	Throughout term

VOLUNTARY WITHDRAWAL DATE: March 18th, 2016

ENVIRONMENT AND GEOGRAPHY GRADE SCALE:

A+	90-100
A	80-89
B+	75-79
B	70-74
C+	65-69
C	60-64
D	50-59
F	0-49

All assignments are due at the beginning of class. Late submissions may be accepted based on medical or compassionate grounds.

Topics / Schedule

	Date	Theme	Assign Due
1	Jan 7	Intro	
2	Jan 12-14	What we have	
3	Jan 19-21	Suburbs and Sprawl	
4	Jan 26-28	Green Planning Concepts	
5	Feb 2-4	Green Technologies	Thur Feb 4 Green Technologies
6	Feb 9-11	Green Technologies	
	Feb 16-18	Reading Week	
7	Feb 23-25	Green Technologies	
8	Mar 1-3	Healthy Design & Aesthetics / Case Studies	Thur Mar 3 Case Studies Fri, Mar 4 Field Trip
9	Mar 8-10	Case Studies	
10	Mar 15-17	Case Studies	
11	Mar 22-24	Green Policies	
12	Mar 29-31	LEED	Tue Mar 29 Portfolio
13	Apr 5-7	The Green Plan	Tue Apr 5 The Green Plan Thur Apr 7 Green Philosophy Statement

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

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

CLASS ATTENDANCE:
Students are expected to attend all classes and may be debarred from the course, resulting in a failing grade if more than 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

CLASSROOM CONDUCT:
Use of smart phones, laptops and other electronic devices in class are allowed only for class purposes such as taking notes or answering course-related questions. No audio or video recording allowed unless prior permission is obtained from the Instructor and it is required for documented medical reasons. No taking photos of Instructor or students without express permission.