

Advanced Issues in Environment and Health - ENVR 4400

Winter 2016

Tue, Thur, 1:00-2:15pm, 129 St. John's College

Instructor: Kristina Hunter
250 Wallace
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Office Hours: Tue/Thur 11:15-12:15 or by appointment.

Course Notes: UM Learn

Course Description:

An evaluation of global and local environmental health issues and the assessment and management tools used to manage these risks. Case studies of environmental issues and their human health effects are covered. Students have the opportunity to work on a substantial interdisciplinary environmental health project. Prerequisite: ENVR 3400 (C).

Course Objectives:

- To understand and practice using the tools for assessing and managing environmental health issues.
- To learn about and reflect on Environmental Health case studies.
- To work on a real-world environmental health project from project design to reporting.

Assignments:

Seminar Summary (Individual 6 x 5% = 30%) Due: 1 week following seminar

A typed summary of the seminar including detailed facts, diagrams and references. The summary should cover the seminar topic presented as well as the researched answers to follow-up questions where applicable. These will become your collection of detailed notes on the case studies and site visits presented in class. Six of the possible seminars must be summarized. Information from additional sources may be used to complete the summary. If more than six summaries are submitted, the best six grades will be used.

Seminar Presentation (Individual 20%) Due: Jan 19, 2016

Each student will choose an Environment and Health case study to present to class in a seminar format.

Final Project Plan (Group 10%) Due: Jan 26, 2016

A written detailed plan must be submitted outlining the proposed research project, methodology, deliverables and timeline.

Final Project (Group 40%) Due: March 31, 2016

A research project relating to environment and human health will be completed in small groups of 2 or 3 people. The project will be defined through the plan and approved by the Instructor.

Possible Site Visits and Topics:

Asbestos remediation
Hazardous waste management
Analytical Testing

Multiple Chemical Sensitivities
Health and Safety in the Workplace
Chemical Manufacturing
Agent Orange
Breast Cancer
Pesticides and Child Development
Human Health Risk Assessment

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

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.

VOLUNTARY WITHDRAWAL DATE: March 18th, 2016