

Course Outline - ENST1001A - Envisioning Earth's Environments

Fall/Winter 2012-2013 - Department of Geography and Environmental Studies
Carleton University

Instructor: Scott Mitchell, B359 Loeb
613-520-2600 extension 2695
Scott_Mitchell@carleton.ca

Scott Mitchell's office hours are Mondays and Wednesdays at 1330 (1:30 p.m.), although this timing may change in the winter term. Appointments can be made for other times by emailed request. If I am going to be away from the office, I will make announcements as early as possible.

TAs: Ryan Katz-Rosene (sections A1 and A3), and Mary Trudeau (sections A2 and A4)
Contact details for your TAs will be discussed in the first tutorial group meetings, which start on September 14. Please note that the TA assignments MAY change in January if necessary for scheduling reasons.

Course objectives:

This course serves as an introduction to Environmental Studies, a program aiming to educate and prepare informed, skilled individuals to participate in the resolution of environmental conflicts and the larger environmental debates critical to our future (adapted from DGES website <http://www.carleton.ca/geography/environmental-studies/>).

The advent of space exploration and rapid developments in geomatics have changed and in some ways created modern environmental studies; developments in geographic information systems (GIS) and remote sensing (RS) have allowed us to discover new perspectives and new ways of seeing Earth. Traditional Environmental Studies resources will be supplemented by GIS and RS methods and information to present a visual interpretation of earth system science and socio-cultural knowledge. We will learn to integrate knowledge from many sources, including models of ecosystem processes, GIS, mass media, traditional academic publications, and fellow students.

In addition to being a popular interdisciplinary elective in other degree programs, ENST1001 is one of the options to start the BA (Honours or General) program in Environmental Studies. Environmental Studies majors should generally not take both ENST1001 and ENST1020/GEOG1010, although such a combination is possible if you have good reasons for taking all three (or two) of the courses.

Course calendar:

Full group in lecture hall: Wednesdays 11:35-13:25 Mackenzie 4499

Tutorial groups: A1: Fridays 8:35-10:25 Tory 230
A2: Tuesdays 8:35-10:25 Tory 234
A3: Tuesdays 11:35-13:25 St. Patrick's 415
A4: Fridays 14:35 – 16:25 Tory 432

Your group assignment **was set as part of your course enrolment** using Carleton Central; **you must attend your own assigned group**, unless otherwise instructed by your TA. Assignment due dates are also usually tied to your assigned tutorial.

Tutorial groups may sometimes meet somewhere besides the assigned room (e.g. in computer labs in the Loeb building, or outside). Monitor cuLearn and your email for announcements.

Detailed schedules for the term work and topics will be handed out as part of your coursepack. Individual discussion topics may shift according to the variable pace of class interaction, but you should note upcoming deadlines, plan ahead to manage your workload, and submit all work on time. While this is important in any course, in this class you will be completing a fair amount of cooperative work, and other students will often be counting on your portions of larger projects.

Tests and exams: There will be an online test between weeks 7 and 8 of the fall term (specifically, October 24-31), an in-class test on February 6, and a final exam in the exam period in April.

Course web site / electronic resources:

This course will use email and cuLearn for communications – be sure to monitor the cuLearn site, and either check your Carleton email regularly, or forward it to another account that you will check regularly.

Course texts:

The following textbook has been ordered and will be available at the Campus bookstore:
Dearden and Mitchell, 2012. Environmental Change and Challenge – A Canadian Perspective. Oxford Press, 4th edition, 606 pp.

Supplemental required readings will be assigned as needed.

Grading:

Your grade will be evaluated based on a combination of tests, individual assignments, group projects, and participation. Some assignments will have portions of their marking schemes that come from peer evaluation, or specific participation scores. There is also a general participation score based on your attendance and interaction in tutorials throughout the year.

Fall Test (due October 31):	10%
Winter Test (February 6)	10%
Final exam:	25%
Tutorial assignments:	25% (details on assignments)
Final project (including Assignment 6):	30%

Standing in a course is determined by the course instructor subject to the approval of the Faculty Dean. This means that grades submitted by the instructor may be subject to revision. No grades are final until they have been approved by the Dean.

Late policy

If a legitimate reason prevents you from submitting your work on time through regular means, it is your responsibility to get in touch with us **as soon as possible** (the earlier the better), to work out an alternative arrangement. Work that is late because you simply fell behind or forgot a deadline will be assigned a penalty. Some course requirements will have their own specific penalties, and / or limits on how late assignments will be accepted. Some of your responsibilities will be part of group submissions, and there will not necessarily be any possibility for a late submission – in these cases you should be especially careful to plan accordingly. In absence of any assignment-specific late penalty, there will be a deduction of 5% per day that the work is late without acceptable reason.

Instructional & Conduct Offences: Instructional offences include, among other activities, cheating, contravening examination regulations, plagiarism, submitting similar work in 2 or more courses without prior permission, and disrupting classes. Conduct offences apply in areas of discrimination and sexual harassment. Further information about University regulations that define and regulate these offences is presented in the undergraduate Calendar: <http://calendar.carleton.ca/undergrad/regulations/academicregulationsoftheuniversity/acadregsuniv14/>

Plagiarism is a serious offence and will not be tolerated. Plagiarism is the submission of someone else's writing/ideas/work as your own. All ideas presented which are not your own must be properly referenced. While forms of plagiarism may vary, each involves verbatim or near verbatim presentation of the writings or ideas of others as one's own without adequately acknowledging the original source. Plagiarism includes (but is not limited to) copying from a book, article or another student, downloading material or ideas from the Internet, or otherwise submitting someone else's work or ideas as your own.¹ **Plagiarism offences result in mandatory reporting to the Dean's office.**

You will often be working collaboratively in this class, but unless you receive specific written instructions to do otherwise, **you must write your assignments and tests individually**. In all cases, if there is any confusion, or you have different interpretations than your peers over individual or group responsibilities, please be sure to get clarification from the instructor **before** the assignment is due. If in doubt, assume you should be submitting a completely independently prepared piece of work.

Requests for Academic Accommodations

You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

Pregnancy obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details visit the Equity Services website <http://www2.carleton.ca/equity/accommodation/>

¹ This statement on plagiarism courtesy of K. Torrance, 2003, GEOG3108 Course Outline, originally from http://www.carleton.ca/geography/geography/course_outlines/GEOG3108_0304.html.

Religious obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details visit the Equity Services website <http://www2.carleton.ca/equity/accommodation/>

Students with disabilities requiring academic accommodations in this course must register with the Paul Menton Centre for Students with Disabilities (PMC) for a formal evaluation of disability-related needs. Documented disabilities could include but are not limited to mobility/physical impairments, specific Learning Disabilities (LD), psychiatric/psychological disabilities, sensory disabilities, Attention Deficit Hyperactivity Disorder (ADHD), and chronic medical conditions. Registered PMC students are required to contact the PMC, 613-520-6608, every term to ensure that I receive your Letter of Accommodation, no later than two weeks before the first assignment is due or the first in-class test/midterm requiring accommodations. If you only require accommodations for your formally scheduled exam(s) in this course, please submit your request for accommodations to PMC by the deadlines published on the PMC website: <http://www2.carleton.ca/pmc/new-and-current-students/dates-and-deadlines/>

ENST 1001 Class and Tutorial Schedule (2012-2013)

Term 1 – Itinerary (Subject to Change¹)					
<i>Week</i>	<i>Dates</i>	<i>Lecture (Wednesday 11:35)</i>	<i>Read chapters:</i>	<i>Tutorial (following the lecture, on Fri. or Tue.)</i>	<i>Work Due²</i>
1	Sep 12, 14, 18	Env., Resources, & Society	1	NONE	
2	Sep 19, 21, 25	Energy, Flows & Ecosystems	2	Assignment 1 - Ecological Footprint	
3	Sep 26, 28, Oct 2	Overflow, Intro to Geomatics		Reading maps	Assignment 1
4	Oct 3,9	Intro to maps (At 12:30, Friday tutorials proceed to map library)		Map library: Fri. groups go on Wed. (3 rd), Tue. groups regular schedule	
5	Oct 10, 12, 16	Ecosystem Change	3	Assignment 3	Assignment 2
6	Oct 17, 19, 23	Ecosystems & Matter Cycling	4	Assignment 4, test preparation	Test goes online Oct. 24
7	Oct 24, 26, 30	Planning and Management: Philosophy	5	Introduce Assignment 5, proposal preparation	Assignment 3
8	Oct 31, Nov 2, 6	Test is due Oct. 31 (online), guest lecture		Report planning, next steps	Test, Proposal (Assignment 5)
9	Nov 7, 9, 13	Planning & Management: Process, Method & Product	6	TA and peer help for report	1 st Drafts due to TA and peer (Assignment 5).
10	Nov 14, 16, 20	Energy, Atmosphere, Climate, and Change	2 & 7	Discuss 1 st draft with your editor, TA	Peer editing suggestions
11	Nov 21, 23, 27	Climate Change	7	Project planning: confirm groups, timing	
12	Nov 28	Environmental communication	7	NONE	Assignment 5 final version due Dec 3
Term 2					
<i>Week</i>	<i>Dates</i>	<i>Lecture (Wednesday 11:35)</i>	<i>Read chapters:</i>	<i>Tutorial (following the lecture, on Fri. or Tue.)</i>	<i>Work Due³</i>
1	Jan 9, 11, 15	Minerals & Energy	12	Proposal workshop	
2	Jan 16, 18, 22	Oceans & Fisheries	8	Present project proposals	Assignment 6 (presentations)
3	Jan 23, 25, 29	Forests	9	Detailed action plan	Proposal (paper)
4	Jan 30, Feb 1, 5	Agriculture	10	Journal articles (Assmt. 7)	
5	Feb 6, 8, 12	TEST		Project Work	
6	Feb 13, 15, (RW), 26	Urban Environments (Feb 18-22 Reading Week)	13	Project Work	Assignment 7
7	Feb 27, Mar 1, 5	Movie for Assignment 8		Movie Discussion, Assignment 8	
8	Mar 6, 8, 12	Endangered Species & PA	14	Project Work	
9	Mar 13, 15, 19	Water	11	Project Work	Assignment 8
10	Mar 20, 22, 26	Making it Happen	15	Project Work	
11	Mar 27, 29, Apr 2	Project presentations			Presentations, communication
12	Apr 3, 5, 9	Presentation overflow, review & exam prep		Submit project	Rest of project

¹ Due dates and timing of tests are fixed; the list of topics covered and associated textbook readings is approximately correct.

² Unless otherwise indicated (by a specific date), assignments are due in **your** tutorial session