

GLOBAL CHANGE (3)

Class Number: 3780 Delivery Method: In Person

COURSE TIMES + LOCATION:

Th 10:30 AM – 12:20 PM
SSCB 9201, Burnaby

EXAM TIMES + LOCATION:

Apr 16, 2017
3:30 PM – 6:30 PM
Location: TBA

INSTRUCTOR:

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Description

CALENDAR DESCRIPTION:

This course provides students with an overview of global environmental change and its causes from a social science perspective, historically and at the present time. Population growth, an increasing ecological footprint and changes in ideology, social organization, economy and technology will be critically reviewed. New ways of thinking in natural and social science will be considered in relation to specific issues such as land, soil and food; energy, raw materials and solid waste; air pollution and transportation; water, oceans and fisheries; climate change; forestry and biodiversity; urbanization, and alternative futures. Breadth-Social Sciences.

COURSE DETAILS:

The course introduces the basics of ecological systems, environmental history and thinking, including the area of environmental ethics and philosophy, and ecological economics. We explore several notions of sustainability including a review of several models of environmental change and conflicting positions on where we are headed. The latter half of the course includes a selection of case studies and applications, potentially including energy and climate change, acid rain, ozone depletion, food, biodiversity and water.

COURSE-LEVEL EDUCATIONAL GOALS:

Once you complete this course, you will be able to:

1. Define and explain some major global environmental issues, their causes, and consequences.
2. Critically evaluate the strengths and drawbacks of ways for dealing with these issues.
3. Apply course concepts to real-world environmental problems (for example, in the media)
4. Challenge your own assumptions regarding environmental issues, and understand/develop your personal values.
5. Feel empowered with knowledge and ways to act to address global change issues.
6. Demonstrate the level of respect and organization expected in the workforce.

Grading

Participation	15%
Assignments	30%
Midterm exam	25%
Final exam-comprehensive	30%

NOTES:

Assignments will be submitted and graded using Canvas.

Materials

MATERIALS + SUPPLIES:

Lecture will make use of a **iClickers**. Students will need to buy a personal iClicker from the SFU bookstore, and bring it to every lecture.

REQUIRED READING:

Global Issues: An Introduction, 5th edition, Kristen A. Hite & John L. Seitz, 2016, Wiley-Blackwell Publishing Ltd, Oxford, UK, 335 pp. Available at SFU bookstore.

ISBN: 9781118968857

A number of additional online (electronic) readings will be uploaded to the course website, including reports, journal articles and several newspapers/magazine articles

REGISTRAR NOTES:

SFU's Academic Integrity web site <http://students.sfu.ca/academicintegrity.html> is filled with information on what is meant by academic dishonesty, where you can find resources to help with your studies and the consequences of cheating. Check out the site for more information and videos that help explain the issues in plain English.

Each student is responsible for his or her conduct as it affects the University community. Academic dishonesty, in whatever form, is ultimately destructive of the values of the University. Furthermore, it is unfair and discouraging to the majority of students who pursue their studies honestly. Scholarly integrity is required of all members of the University. <http://www.sfu.ca/policies/gazette/student/s10-01.html>

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