

## **UBC Coordinated Arts Program: Nature and Society.**

Geography 122: Geography, Modernity and Globalization II (three credits).

Class meets Monday and Wednesday 2-3pm in Geography rm 147, Friday Discussion group from 2 to 3pm in Geography 147 and 215.

Instructors:

Graeme Wynn, Geography room 221; 604-822-6226; wynn at geog ubc ca

David Brownstein, Geography room 142; 604-722-5366; dbrownst at interchange ubc ca

Office hour: Monday 3-4pm.

Teaching Assistant: Howard Stewart; howardstewart at telus net

Office hour: Wednesday 1-2pm.

Climate change, deforestation and mad cow disease have become familiar phrases, but what are the issues behind the terms? This course will explore the geography, history and theory of human-environment relationships from the eighteenth century to today, offering perspective on where we have been and where we are going. Case studies will illustrate the global forces that have shaped the modern world, including the rise of the nation-state, colonialism, migration and demographic change, urbanization, industrialization, changes in environmental thought, strands of contemporary environmentalism, and modern approaches to sustainability. In this way, we will introduce you to human geography as an applied discipline via its sub-fields including historical geography, political geography, economic geography, and cultural geography. The class will interest those curious to know more about environmentally related career options.

Geography 121/122 is a two-term survey course specifically designed for students in the CAP *Nature and Society* Stream. It is also a pre-requisite for a large number of senior-level courses.

### **Modernity**

Monday Jan 5, 2009, lecture

- Intro to Modernity I. GW

Wednesday Jan 7, lecture

- Modernity II. We have never been modern. DB

Friday Jan 9, discuss

- extract from Peter Laslett's *The World We Have Lost*.

Monday Jan 12, lecture

- Urbanization and Industrialization I. GW

Wednesday Jan 14, lecture

- Urbanization and Industrialization II. GW

Friday Jan 16, discuss

- textbook reading, chapter 4

Monday Jan 19 lecture

- Urbanization and Industrialization III. GW

Wednesday Jan 21 lecture

- Urbanization and Industrialization IV. GW

Friday Jan 23 discuss

- textbook reading, chapter 5.
- Presentations: Megan, Eliza, Roger, Kathleen.

### **Demographics: Malthus and the neo-Malthusians.**

Monday Jan 26, lecture

- Thomas Robert Malthus. GW.

Wednesday Jan 28, lecture

- Paul R. Ehrlich, The population bomb. DB

Friday Jan 30, discuss

- Short Malthus reading and Forrest M. Mims III (2006) "Meeting Doctor Doom" in *The Citizen Scientist*, available online.

Monday Feb 2, lecture

- Garet Hardin, Tragedy of the commons. DB

Wednesday Feb 4, lecture

- Elanor Ostrom, Common pool resources. DB.

Friday Feb 6, discuss

- Tragedy of the Commons.
- Presentations: Bryan, Johanna, Carissa, Michelle.

### **Scientific Understandings of Nature**

Monday Feb 9, lecture

- TBA. DB

Wednesday Feb 11, lecture

- What is science? The origins of early modern science. DB

Friday Feb 13, discuss

- A reading on The demarcation problem.
- Presentations: Sarah, Samantha, Stacey, Joshua.

Monday Feb 16, no lecture--reading week

Wednesday Feb 18, no lecture--reading week

Friday Feb 20, no discussion--reading week

Monday Feb 23 lecture

- Islamic science. DB

Wednesday Feb 25, lecture

- Chinese science. DB

Friday Feb 27, discuss

- Reading TBA.
- Presentations: Devon, William, Jessica, Weston.

Monday March 2, lecture

- Kuhn and paradigms. DB

Wednesday March 4, lecture

- Risk I. Natural Disasters, Human Disasters. DB

Friday March 6, discuss

- **Term paper due.**
- Risk reading.

Monday March 9, lecture

- Risk II. The Risk Society. DB

Wednesday March 11, lecture

- Genetically Modified Organisms. DB

Friday March 13, discuss

- Reading TBA.
- Presentations: Rosalind, Claire, Evan, John.

Monday March 16, lecture

- Trip to the UBC Botanical Garden. DB (likely botanical explorers courtesy of Daniel Mosquin).

Wednesday March 18, lecture

- Nanotechnology. DB

Friday March 20, discuss

- TBA, likely a GMO/Nanotech reading.
- Presentation: Peter.

### **Environmental Justice.**

Monday March 23 lecture

- Environmental justice I. DB

Wednesday March 25, lecture

- Environmental justice II. GW

Friday March 27, discuss

- **Brock House poster session.**

Monday March 30, lecture  
• Health geography (AIDS, malaria, SARS) DB

Wednesday April 1, lecture  
• Possible lecture by Howard.

Friday April 3 discuss  
• TBA

Monday April 6, lecture  
• Possible lecture by Howard.

Wednesday April 8, review lecture.

**Final Exam**, scheduled sometime after April 14th.

**Mark Distribution.**

Short Class Presentation: 10%  
Community Learning Project: 20%  
Long Term Paper: 25%  
Tutorial attendance, participation: 15%  
Final Exam: 30%  
Total: 100%