

FALL 2009
 GEOG 335/711.75 - INTERNATIONAL POLLUTION ISSUES
 Monday and Wednesday 4:10-5:25 p.m.
 Hunter North 1022
 PROF. K. H. SZEKIELDA

Issues related to international trans-boundary pollution are of increasing concern in the area of international government policy. The course, therefore, will focus on the study of international trans-boundary pollution sources, transport pathways and global impacts of contamination events. Furthermore, the broad field of environmental science will be discussed and will specifically identify areas which are of concern on a global scale as well as on the local level. The course will include global social and economic impacts. National and international legal instruments to counteract degradation of the environment will also be discussed.

LECTURE	DATE	DAY	TOPIC
1	AUG 31	M	Introduction To Environmental Studies
2	SEPT 2	W	The Solar System and Earth: Conditions for Development
3	9	W	Ecosystems I
4	14	M	Ecosystems 2
5	16	W	World Population Dynamics
6	21	M	Chemical By-Products of Development: Ozone Depletion as a Case Study
7	23	W	Food Production
8	29	M	The Oceans as an Alternative
9	30	W	Industrial Production and Release of Toxic Material: Pest and Pest Control
10	OCT 5	M	Student Presentations 1
11	7	W	Student Presentations 2
12	14	W	Global Cycles and the Radiation Budget
13	19	M	Water Cycle and Water Management
14	21	W	Sediments, Nutrients and Eutrophication
15	26	M	Sewage and the Nutrient Cycle
16	28	W	Student Presentations 3
17	NOV 2	M	Student Presentations 4
18	4	W	New York as a Case Study
19	9	M	Air Pollution and its Control
20	11	W	Major Atmospheric Changes
21	16	M	Biodiversity and Ecosystems as Resources
22	18	W	Energy Resources: The Rise and Fall of Fossil Fuels
23	23	M	Student Presentations 5
24	25	W	Student Presentations 6
25	30	M	Nuclear Power: Promises and Problems
26	DEC 2	W	Renewable Energy Sources
27	7	M	Lifestyle and Sustainability
28	9	W	Student Presentations 7
FINAL	16	W	3:00 to 5:00 p.m.

A case study is required and preliminary results are to be presented in power point during the semester. At the end of the semester, the study is to be summarized in two pages, submitted electronically, and a final presentation of the study is to be given to the class also in power point. The preliminary presentation accounts for 30% of the final grade, the final summary will be 20% and the final presentation of the study will account for 50%.

Office hours: Wednesday 13:00 – 15:00 Room HN 1044

Please be advised that plagiarism, dishonesty, or cheating in any portion of the work required for this course will be punished to the full extent allowed according to Hunter College regulations.

Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.