



EAS 391: Introduction to Environmental Planning

Term: 2 (January 2009 - April 2009)

Lectures: Tuesday and Thursday

Time: 9:30am – 10:50am

Location: Earth Sciences Building (Room ESB 2 36)

Instructor: Dr. Eva Dabrowska, Ph.D. Geography

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(or by appointment)

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1. Course Description

“Introduction to issues in policy making, planning and management related to human interaction with the physical environment. [Faculty of Arts] *Prerequisite(s)*: EAS 192 or any EAS 29X” (see EAS website ‘Course Listings’).

2. Course Aim and Objectives

This course aims to introduce students to the broad topic of environmental planning. The objectives of the course are to de-construct the meaning of environmental planning while gaining an understanding of planning as a normative process. The course is designed around specific applications of environmental planning to urban, rural, resource and protected area landscapes. As well, the difference(s) between environmental management and environmental planning will be explored using specific examples from various resource sectors.

The instructional core of this course will hinge on student participation. Be prepared to engage in classroom discussion. The course also includes a focus on environmental impact assessment and strategic environmental assessment. Examples of environmental plans from selected international case studies will be interrogated in class as specific case studies. Finally, students will have an opportunity to work in small groups to evaluate an existing environmental plan of their choosing for class presentation and to prepare a poster.

3. Required Readings

The required course textbook is *The Environmental Planning Handbook* by Tom Daniels and Katherine Daniels, 2003, Planners Press (ISBN 978-1884829666). Additional class readings will be available to download through the class website.

4. Evaluation

Requirement	Percent Value	Details	Due Date
Policy Presentation	10%	Seminar	January 29
Mid-term Examination 1	20%	Exam	February 12
Poster	35%	Poster proposal 5%	February 26 (start of class)
		Poster 15%	After presentation
		Poster Presentation 15%	Sign-up
Participation (Class discussion, quick writes)	10%	Individual mark	Daily
Examination 2 Final Test	25%	Exam	April 7

Note: Final grades at the end of the course will be assigned using a combination of absolute achievement and relative standing in the course and will remain unofficial until approved by the Faculty Council or its designate (i.e. the departmental chair).

(a) Environmental Policy Presentation (10%)

Each student group will prepare a synopsis of the environmental policy for presentation to class. Presentations run 10 minutes, additional 5 minutes for questions.

(b) Mid-term Exam I (20%)

The midterm exam will focus on the material covered by lectures, policy presentations and assigned readings. The mid-term exam will be held in class on **February 12th**. The mid-term exam must normally be taken on this day, an excused absence from the mid-term exam must comply with Section 23.5.6 of the *University of Alberta Calendar*. Where approval has been granted, a deferred mid-term exam shall be written within 3 weeks following the scheduled exam at a date, time and location set by the instructor.

(c) Poster (35%) - Proposal (5%), Poster (15%) and Presentation (15%)

This is a group, 4 students per group, project. Early in the course the instructor will provide written information outlining the requirements for the proposal and poster. The penalty for a late proposal or written report is 5% of graded paper mark per day, including weekend days and holidays.

(d) Examination II – Final test (25%)

The test will focus on the material covered by lectures, poster presentations and assigned readings. This test will be held in class on **April 7th**. This test exam must normally be taken on this day, an excused absence from the mid-term exam must comply with Section 23.5.6 of the *University of Alberta Calendar*. Where approval has been granted, a deferred mid-term exam

shall be written within one week following the scheduled exam at a date, time and location set by the instructor.

5. Deferral of Term Work

“Any student who is incapacitated because of illness, is suffering from severe domestic affliction or has other compelling reasons (including religious conviction) may apply for an excused absence for missed term work. Applications for a deferral of term work worth 20% or more of the final grade must be made to your instructor within 48 hours following the missed exam or assignment due date and must be supported by a completed University of Alberta Medical Statement Form or other appropriate documentation (Calendar section 23.4[3]). Deferral of term work is a privilege and not a right; there is no guarantee that a deferral will be granted. Misrepresentation of Facts to gain a deferral is a serious breach of the *Code of Student Behaviour*.” Code of Student Behaviour

6. Students with Special Needs

Specialized Support and Disability Services (SSDS) provides assistance to University students whose disabilities involve any number of conditions affecting mobility, vision, hearing, learning or mental or physical health.

7. Academic Honesty

“The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour (online at www.ualberta.ca/secretariat/appeals.htm) and avoid any behaviour that could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.” *University of Alberta Calendar, section 23.4(2)*.

The following are selected **excerpts only** as taken from the *Code of Student Behaviour* (online at

“No Student shall submit the words, ideas, images or data of another person as the Student’s own in any academic writing, essay, thesis, project, assignment, presentation or poster in a course or program of study. See section 30.3.2(1) *Plagiarism*.”

8. Classroom Ethics

Please arrive *before* the start of class (before (9:30 am). If you are running late please still come to class! There is a strong correlation between student attendance and student academic performance. Some lecture notes will be posted on the course website, access through EAS main webpage. To facilitate open discussion in class it is important to remain tolerant of other viewpoints, open-minded, and respectful of others. Fair debates and open expression of ideas will be encouraged.

Course Schedule and Lecture Topics (subject to minor changes)

DATE	TOPICS	READINGS
Jan 6	WELCOME: Introduction, course overview	
Jan 8	Managing Human-Nature Interactions	Daniels and Daniels, Introduction pp. 1-7.

Jan 13	History of Environmental Movement: Environmental Policy	Daniels and Daniels, Chapter 1; Video
Jan 15	Seminar	
Jan 20	Environmental Policy, Overview of Major Environmental Laws; Economic Development and Environmental Economics	Chapter 2
Jan 22	Planning for Wildlife Habitat	Chapter 9
Jan 27	Seminar	
Jan 29	Student Presentations (10%) 10 minutes	
Feb 3	Student Presentations (10%) 10 minutes	
Feb 5	Planning for Sustainable Water Supply	Chapter 3 Lottery of Poster Topics
Feb 10	Planning for Sustainable Water Quality Midterm Review	Chapter 4
Feb 12	MID-TERM 1 (20% Course Grade)	
Feb 17- Feb 19	READING WEEK – no classes	
Feb 24	Planning for Sustainable Air Quality	Chapter 5
Feb 26	Planning for Solid Waste and Recycling/ Planning for Toxic Substances and Toxic Waste Poster proposal due – start of classes	Chapter 6 Chapter 7
March 3	Seminar	Research/Library
March 5	Planning for Natural Hazards and Natural Disasters	Chapter 12
March 10	Seminar	Research/Library
March 12	Planning for Sustainable Rural Areas	Chapter 13
March 17	Seminar	Research/Library
March 19	Poster Presentations – Day 1; (15 minute presentation; 5 minute questions) Planning and Managing Wetlands Chapter 10 Costal Zone Management Chapter 11 Planning for Watershed Areas II	
March 24	Poster Presentations – Day 2; (15 minute presentation; 5 minute questions) Planning for Sustainable Working Landscape: Forestry Chapter 14 Planning for Mining Chapter 15 Planning for Energy and Climate Change Chapter 17	
March 26	Poster Presentations – Day 3; (15 minute presentation; 5 minute questions) Planning for the Built Environment Transportation Chapter 16 Planning for Energy Production, Local Energy Planning II State Efforts to Revitalize Cities Chapter 18	
March 31	Poster Presentations – Day 4; (15 minute presentation; 5 minute questions) Planning for the Build Environment: Greenfield Development and Site Design Chapter 19 State Program to Manage Greenfield Development Local Planning for Brownfield Development State Urgent Needs for Sustainable Environmental Planning	
April 2	Course Overview; Positive Environmental Trends Chapter 20	
April 7	Final Test (25% Course Grade)	