



COURSE IMPLEMENTATION DATE: August 2003
 COURSE REVISED IMPLEMENTATION DATE: September 2010
 COURSE TO BE REVIEWED: January 2014
(four years after UPAC approval) (month, year)

OFFICIAL UNDERGRADUATE COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.
 Shaded headings are subject to change at the discretion of the department – see course syllabus available from instructor

GEOG 411	Geography	4
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS
Advanced topics in Environmental Issues		
COURSE DESCRIPTIVE TITLE		

CALENDAR DESCRIPTION:

This course provides students the opportunity to explore topics and issues of environmental concern from a geographical perspective. Emphasis will be placed on seminar discussions, field trips, and case studies. Field trips outside of class time are required.

PREREQUISITES: At least 8 credits of 300-400 level Geography
 COREQUISITES:
 PRE or COREQUISITES:

SYNONYMOUS COURSE(S):

- (a) Replaces: _____
- (b) Cross-listed with: _____
- (c) Cannot take: _____ for further credit.

SERVICE COURSE TO: *(department/program)*

TOTAL HOURS PER TERM: 60

STRUCTURE OF HOURS:

Lectures: 25 Hrs
 Seminar: 20 Hrs
 Laboratory: _____ Hrs
 Field experience: 15 Hrs
 Student directed learning: _____ Hrs
 Other (specify): _____ Hrs

TRAINING DAY-BASED INSTRUCTION:

Length of course: _____
 Hours per day: _____

OTHER:

Maximum enrolment: 20
 Expected frequency of course offerings: Annually
(every semester, annually, every other year, etc.)

WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only)

Yes No

WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department)

Yes No

TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:

Yes No

Course designer(s): <u>Steven Marsh</u>	Date approved: <u>November 2009</u>
Department Head: <u>Dr. Ken Brealey</u>	Date of meeting: <u>November 27, 2009</u>
Supporting area consultation (Pre-UPAC)	Date approved: <u>January 2010</u>
Curriculum Committee chair: _____	Date approved: <u>January 2010</u>
Dean/Associate VP: <u>Dr. Jacqueline Nolte</u>	Date of meeting: <u>January 29, 2010</u>
Undergraduate Program Advisory Committee (UPAC) approval	

LEARNING OUTCOMES:

Upon successful completion of this course, students will be able to:

1. demonstrate an awareness of the nature of the environmental issue.
2. examine models of environmental management, including those with emphasis on uncertainty and conflict.
3. critically evaluate relevant literature, and present summaries and discussions in class.
4. utilize the geographer's approach to the subject, with particular emphasis on spatial analytical methods, theory, and applications.
5. apply theoretical and conceptual models to particular field problems.

METHODS: *(Guest lecturers, presentations, online instruction, field trips, etc.)*

The format of the course may include lectures, assigned readings, discussion groups, oral presentations, field trips, field and laboratory analyses, surveys and questionnaires. Particular emphasis is placed on student participation in seminars, group presentations, case studies, and field trips.

METHODS OF OBTAINING PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

- Examination(s) Portfolio assessment Interview(s)
- Other (specify): PLAR cannot be awarded for this course for the following reason(s):

TEXTBOOKS, REFERENCES, MATERIALS: *[Textbook selection varies by instructor. An example for this course might be:]*

de Villiers, M., 1999. Water. Toronto: Stoddart.

References:

Donahue, J.M. (ed.), 1998. Water, Culture, and Power. Local struggles in a Global Context. Washington: Island Press.

Barlow, M. and T. Clarke, 2002. Blue Gold. The Battle against Corporate Theft of the World' Water. Toronto: Stoddart.

Gleick., P. H., 1998.

The World's Water: The Biennial Report on Freshwater Resources 1998-1999. Washinton: Island Press. Perkel, C.N., 2002.

Well of Lies. The Walkerton Tragedy. Toronto: McClelland Stewart. Miller, C. (ed.), 2001. Fluid Arguments. Five Centuries of Western Water Conflict. University of Arizona Press.

SUPPLIES / MATERIALS:

Courses in geography may have mandatory field trips with additional fees. Details are available on course outline distributed in class.

STUDENT EVALUATION: *[An example of student evaluation for this course might be:]*

20% Exercises

25% Seminar preparation and discussions

25% Research/field trip reports

30% Examinations

COURSE CONTENT: *[Course content varies by instructor. An example of course content might be:]*

Week 1 Introduction

Week 2 Historical Overview of Water as a Resource

Week 3 Water as a Hazard

Week 4 Perception of Water

Week 5 Degradation of Water Resources

Week 6 Treatment of water and waste water

Week 7 Politics of Water

Week 8 Case Studies

Week 9 Diversion Water Case Studies

Week 10 Diversion of Water Case Studies

Week 11 Impact of Climate Change on Water

Week 12 Sustainability of Water Usage

Week 13 Conclusions, New Directions in Water Management