



ORIGINAL COURSE IMPLEMENTATION DATE: May 2013  
 REVISED COURSE IMPLEMENTATION DATE: September 2016  
 COURSE TO BE REVIEWED: (six years after UEC approval) May 2019  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

<b>Course Code and Number:</b> GEOG 364		<b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>																	
<b>Course Full Title:</b> International Planning and Development: Adapting to Climate Change																			
<b>Course Short Title (if title exceeds 30 characters):</b> International Planning: Climate Chge																			
<b>Faculty:</b> Faculty of Social Sciences		<b>Department (or program if no department):</b> Geography and the Environment																	
<b>Calendar Description:</b>  Urban and rural development strategies within the context of climate change, globalized economies, technological change, demographic shifts, and environmental degradation. Designed for those pursuing a local or international career in planning and development. Field trips outside of class time may be required.																			
<b>Prerequisites (or NONE):</b>		45 university-level credits.																	
<b>Corequisites (if applicable, or NONE):</b>																			
<b>Pre/corequisites (if applicable, or NONE):</b>																			
<b>Equivalent Courses (cannot be taken for additional credit)</b> Former course code/number: Cross-listed with: Equivalent course(s): <i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>		<b>Transfer Credit</b> Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Transfer credit requested (OREg to submit to BCCAT): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)  Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No  To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> .																	
<b>Total Hours: 60</b> <b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: center;">18</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: center;">30</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td style="text-align: center;">12</td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>60</b></td></tr> </table>		Lecture hours	18	Seminars/tutorials/workshops	30	Laboratory hours		Field experience hours	12	Experiential (practicum, internship, etc.)		Online learning activities		Other contact hours:		<b>Total</b>	<b>60</b>	<b>Special Topics</b> Will the course be offered with different topics? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If yes, different lettered courses may be taken for credit: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit  <i>Note: The specific topic will be recorded when offered.</i>	
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<b>Total</b>	<b>60</b>																		
		<b>Maximum enrolment (for information only):</b> 30																	
		<b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b>																	
<b>Department / Program Head or Director:</b> Lynn Kirkland Harvey (Interim)		<b>Date approved:</b> October 2014																	
<b>Faculty Council approval</b>		<b>Date approved:</b> January 2015																	
<b>Campus-Wide Consultation (CWC)</b>		<b>Date of posting:</b> February 20, 2015																	
<b>Dean/Associate VP:</b> Dr. Jacqueline Nolte		<b>Date approved:</b> January 2015																	
<b>Undergraduate Education Committee (UEC) approval</b>		<b>Date of meeting:</b> February 27, 2015																	

**Learning Outcomes**

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

- Apply core geographic concepts to the study of and impact of planning techniques and climate change in the non-western world.
- Assess theories and historical approaches to planning and development in varied cultural contexts.
- Evaluate alternative planning and policy approaches to improve both processes and outcomes of communities.
- Explain and critique the economic, environmental, political, and cultural processes shaping and influencing sustainability of urban form in the non-western world.
- Appraise critically conceptual, empirical, and methodological approaches to vulnerability assessment and climate adaptation planning.
- Critique local circumstances in transferring best practices across countries and cities.
- Apply skills essential for 'climate-proofing' development and planning initiatives in the international context.

**Prior Learning Assessment and Recognition (PLAR)**

Yes       No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

This course includes critique and discussion of readings, international reports and relevant media related to the field of international planning and climate change. Course delivery consists of a combination of lectures by the instructor, seminar discussion, applied projects and the presentation of case studies by students. The course will be designed for an on-line or hybrid learning platform and will require mutual and collaborative learning.

**Grading system:** Letter Grades:  Credit/No Credit:  Labs to be scheduled independent of lecture hours: Yes  No

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

	Author (surname, initials)	Title (article, book, journal, etc.)	Current ed.	Publisher	Year
1.	Alam, M., Golam Rabbani, M. D.	Vulnerabilities and Responses to Climate Change for Dhaka.	<input type="checkbox"/>	Environment & Urbanization	2007
2.	Arnold, D.G.	The Ethics of Global Climate Change.	<input type="checkbox"/>	Cambridge University Press.	2011
3.	Baker, J.	Climate Change, disaster risk, and the urban poor: cities building resilience for a changing world.	<input type="checkbox"/>	World Bank	2012
4.	Beriatos E. et al	Sustainable Planning and Development.	<input type="checkbox"/>	New York: Routledge	2012
5.	Bicknell	Adapting Cities to Climate Change: Understanding and addressing development challenges.	<input type="checkbox"/>	Earthscan	2009

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

There may be fees associated with field work required for this course. Students will require access to internet and a computer that can view YouTube videos and other media sources.

**Typical Evaluation Methods and Weighting**

Field Trip Reports:	20%	Personal Planning Perspective:	15%	Midterm exam:	%	Practicum:	%
Quizzes/tests:	%	Lab work:	%	Field experience:	%	Shop work:	%
Participation:	10%	Research Paper:	30%	Group Project:	25%	Total:	100%

**Typical Course Content and Topics**

Lecture and seminar topics include:

Week 1: Planning in non-western context: reality in global world

Week 2: Planning and climate change: a primer

Week 3: Understanding vulnerabilities to climate change

Week 4: Decision analysis for mitigation of risks and hazards posed by climate change

Week 5: Administrative levels at which development and land use planning takes place

Week 6: Mid-term

Week 7: Ethic of climate change considering critical themes of gender, environmental justice and participatory practices

Week 8: Policy, internal actors in development, land use, decentralization, poverty, urban-rural linkages, and corruption all considered in relationship to planning

Week 9: Tools and strategies for mitigation; climate proofing development projects

Week 10: Link between planning power and legitimacy and impact on marginalized groups

Week 11: External actors and impact on settlement form; selected case studies

Week 12-13: Group presentations of applied planning and climate change projects

Week 14: Final