



ORIGINAL COURSE IMPLEMENTATION DATE: May 2013  
 REVISED COURSE IMPLEMENTATION DATE: September 2017  
 COURSE TO BE REVIEWED: (six years after UEC approval) March 2023  
 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 Policy: Adapting to Climate Change <b>Course Short Title (if title exceeds 30 characters):</b> Planning Policy & Climate Change																	
<b>Faculty:</b> Faculty of Social Sciences	<b>Department (or program if no department):</b> Geography and the Environment																
<b>Calendar Description:</b> International development strategies within the context of climate change are discussed. Focus on consequences of policy on societal systems and marginalized groups, including transportation and housing, agriculture and energy production, and ecological systems in which humans interact.  Note: Field trips outside of class time will be required. Please refer to the department website for field trip scheduling information.																	
<b>Prerequisites (or NONE):</b>	45 university-level credits.																
<b>Corequisites (if applicable, or NONE):</b>	NONE																
<b>Pre/corequisites (if applicable, or NONE):</b>	NONE																
<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 checked="" 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: right;">18</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">18</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td style="text-align: right;">4</td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td style="text-align: right;">20</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: right;"><b>60</b></td></tr> </table>	Lecture hours	18	Seminars/tutorials/workshops	18	Laboratory hours		Field experience hours	4	Experiential (practicum, internship, etc.)	20	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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Online learning activities																	
Other contact hours:																	
<b>Total</b>	<b>60</b>																
<b>Maximum enrolment (for information only):</b> 28																	
<b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Every other year																	
<b>Department / Program Head or Director:</b> Steven Marsh	<b>Date approved:</b> December 2016																
<b>Faculty Council approval</b>	<b>Date approved:</b> January 2017																
<b>Campus-Wide Consultation (CWC)</b>	<b>Date of posting:</b> n/a																
<b>Dean/Associate VP:</b> Dr. Jacqueline Nolte	<b>Date approved:</b> January 2017																
<b>Undergraduate Education Committee (UEC) approval</b>	<b>Date of meeting:</b> March 24, 2017																

**Learning Outcomes**

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

1. Apply core geographic concepts to the study of planning and climate change in the global context.
2. Describe the development and evolution of a 'vulnerability science' as it relates to impact on human systems.
3. Assess theories and historical approaches to planning and development in varied cultural contexts.
4. Evaluate alternative planning and policy approaches to improve both processes and outcomes of communities.
5. Critique the economic, environmental, political, and cultural processes shaping and influencing sustainability of urban form in the non-western world.
6. Critically appraise conceptual, empirical, and methodological approaches to vulnerability assessment and climate adaptation planning.
7. Evaluate local circumstances in transferring best practices across countries and cities.
8. Apply skills essential for 'climate-proofing' development and planning initiatives through field experiences to a local or international challenge.
9. Critically appraise conceptual, empirical, and methodological approaches to vulnerability assessment and adaptation planning
10. Apply concepts and approaches to identify and characterize climate change vulnerability and explore development of adaptation interventions for different sectors.
11. Reflect critically upon one's learning from individual and group interactions, in-class discussions, oral presentations, field experiences and related research.
12. Demonstrate competency using written, spatial and oral arguments.

**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)**

The course format includes lectures, on-line discussions, seminars, guest speakers, fieldtrips, and climate change simulations. The course will be designed for an online or hybrid learning platform and will require mutual and collaborative learning including student led policy responses to a local or international development challenge.

**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	Title (article, book, journal, etc.)	Current ed.	Publisher	Year
1. James, Paul	Urban Sustainability In Theory And Practice,	<input type="checkbox"/>	New York: Routledge	2015
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.)****Typical Evaluation Methods and Weighting**

Field Trip Reports (2):	20%	Reflective journal	15%	Midterm exam:	%	Practicum:	%
Participation:	10%	Research Paper:	30%	Group Project Presentation:	25%	Total:	100%

**Typical Course Content and Topics**

Lecture and seminar topics include:

Week 1: Planning in global context: reality in global world

Week 2: Planning and climate change: Implications for Culture, Gender and Marginalized Populations

Week 3: Climate Change Science – A primer Introduction to Vulnerability Science

Week 4: Understanding vulnerabilities to climate change Migration, Refugees and Climate Change Refugees

Week 5: Climate change: mitigation and adaptation. Tools and strategies for mitigation; climate proofing development projects

Week 6: Administrative levels at which development and land use planning takes place

Week 7: Current global and local climate change and development challenges: Applied project options and guidelines

Week 8: Ethic of climate change considering critical themes of gender, culture, environmental justice and participatory practices

Week 9: Climate Change Global Inequities and Policy Response Challenges, Varying cultural contexts.

Week 10: Climate change policy: Is it based in real science.

Week 11: Link between planning power and legitimacy and impact on marginalized groups and in varied cultural contexts.

Week 12: Policy, internal actors in development, land use, decentralization, poverty, urban-rural linkages, and corruption all considered in relationship to planning

Week 13: Group presentations on applied planning and climate change and development policy.