UNIVERSITY OF THE FRASER VALLEY

**ORIGINAL COURSE IMPLEMENTATION DATE:** May 2013
**REVISED COURSE IMPLEMENTATION DATE:** September 2015
**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.**

| | |
|---|---|
| **Course Code and Number:** GEOG 364 | **Number of Credits:** 4 Course credit policy (105) |
| **Course Full Title:** International Planning and Development: Adapting to Climate Change<br>**Course Short Title (if title exceeds 30 characters):** International Planning: Climate Chge | |
| **Faculty:** Faculty of Social Sciences | **Department (or program if no department):** Geography and the Environment |

**Calendar Description:**

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.

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| **Prerequisites (or NONE):** | One of the following: GEOG 201, GEOG 211, GEOG 240, GEOG 242, or 45 university-level credits. Note: As of September 2016, prerequisites will change to the following: 45 university-level credits. |
| **Corequisites (if applicable, or NONE):** | |
| **Pre/corequisites (if applicable, or NONE):** | |

**Equivalent Courses (cannot be taken for additional credit)**

Former course code/number:

Cross-listed with:

Equivalent course(s):

*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.*

**Transfer Credit**

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OReg to submit to BCCAT):
☐ Yes ☒ No (if yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see **bctransferguide.ca**.

**Total Hours: 60**

**Typical structure of instructional hours:**

| | |
|---|---|
| Lecture hours | 18 |
| Seminars/tutorials/workshops | 30 |
| Laboratory hours | |
| Field experience hours | 12 |
| Experiential (practicum, internship, etc.) | |
| Online learning activities | |
| Other contact hours: | |
| **Total** | **60** |

**Special Topics**

Will the course be offered with different topics?
☐ Yes ☒ No

If yes, different lettered courses may be taken for credit:
☒ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 30

**Expected frequency of course offerings (every semester, annually, every other year, etc.):**

| | | |
|---|---|---|
| **Department / Program Head or Director:** Lynn Kirkland Harvey (Interim) | **Date approved:** | October 2014 |
| **Faculty Council approval** | **Date approved:** | January 2015 |
| **Campus-Wide Consultation (CWC)** | **Date of posting:** | February 20, 2015 |
| **Dean/Associate VP:** Dr. Jacqueline Nolte | **Date approved:** | January 2015 |
| **Undergraduate Education Committee (UEC) approval** | **Date of meeting:** | 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. | ☐ | Environment & Urbanization | 2007 |
| **2.** | Arnold, D.G. | The Ethics of Global Climate Change. | ☐ | Cambridge University Press. | 2011 |
| **3.** | Baker, J. | Climate Change, disaster risk, and the urban poor: cities building resilience for a changing world. | ☐ | World Bank | 2012 |
| **4.** | Beriatos E. et al | Sustainable Planning and Development. | ☐ | New York: Routledge | 2012 |
| **5.** | Bicknell | Adapting Cities to Climate Change: Understanding and addressing development challenges. | ☐ | 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**

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| 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