



ORIGINAL COURSE IMPLEMENTATION DATE: September 1987  
 REVISED COURSE IMPLEMENTATION DATE: September 2017  
 COURSE TO BE REVIEWED: (six years after UEC approval) January 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 270	<b>Number of Credits:</b> 5 <a href="#">Course credit policy (105)</a>																
<b>Course Full Title:</b> Field Techniques in Geography and the Environment																	
<b>Course Short Title (if title exceeds 30 characters):</b> Field Techniques in GATE																	
<b>Faculty:</b> Faculty of Social Sciences	<b>Department (or program if no department):</b> Geography and the Environment																
<b>Calendar Description:</b> <p>A field-based introduction to a variety of tools and techniques used by geographers to describe and analyze the physical and cultural landscape, and human-environment relationships. Students will complete library and field research related to a specific area of interest. This course is offered as an independent study and may, with instructor permission, be completed as part of a study tour or Adventures in Geography field excursion.</p> <p>Note: This course will be offered under different letter designations (e.g. C-Z) representing different topics. This course may be repeated for credit provided the letter designation differs.</p>																	
<b>Prerequisites (or NONE):</b>	6 credits of 100/200-level Geography.																
<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: 92</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;">12</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td style="text-align: center;">50</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: Student directed learning</td><td style="text-align: center;">30</td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>92</b></td></tr> </table>	Lecture hours	12	Seminars/tutorials/workshops		Laboratory hours		Field experience hours	50	Experiential (practicum, internship, etc.)		Online learning activities		Other contact hours: Student directed learning	30	<b>Total</b>	<b>92</b>	<b>Special Topics</b> Will the course be offered with different topics? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, different lettered courses may be taken for credit: <input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input checked="" type="checkbox"/> Yes, no limit <i>Note: The specific topic will be recorded when offered.</i>
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<b>Total</b>	<b>92</b>																
<b>Department / Program Head or Director:</b> Steven Marsh																	
<b>Faculty Council approval</b>	<b>Date approved:</b> November 2016																
<b>Campus-Wide Consultation (CWC)</b>	<b>Date of posting:</b> December 9, 2016																
<b>Dean/Associate VP:</b> Dr. Jacqueline Nolte	<b>Date approved:</b> November 2016																
<b>Undergraduate Education Committee (UEC) approval</b>	<b>Date of meeting:</b> January 27, 2017																

**Learning Outcomes**

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

- Evaluate and select the appropriate research techniques or methods needed for completing a research project in geography;
- Utilize data collection and analysis skills in the planning, design, and execution of field research projects;
- operate a variety of field equipment commonly used in physical geography;
- Combine primary and secondary source information into visual, written, or oral presentations;
- Identify the larger significance of their case study and field research, as well as the transferability of their research designs and findings to new research situations.
- Critically define and discuss the geographic character and boundaries of a region under study.
- Maintain a field journal, make relevant observations, and support the journal with appropriate visual evidence collected in the field.
- Work effectively and collaboratively in a non-local and potentially foreign environment.

**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)**

Limited lecture is used for this course. Emphasis is on field exercises and data collection used in geography. Course is primarily used for study tour participation or field excursions, and results in a reporting of findings in visual and written form.

**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. Abbey, Edward	Desert Solitaire: A Season in the Wilderness	<input type="checkbox"/>	Press	1968
2. Folliot, P. & Davis, O.	Natural Environments of Arizona	<input type="checkbox"/>	University of Arizona Press	2008
3. Pyne, S.	How the Canyon Became Grand: A Short History	<input type="checkbox"/>	Penguin Books	1999
4. Reisner, M.	Cadillac Desert: The American West and its Disappearing Water	<input type="checkbox"/>		1982
5.		<input type="checkbox"/>		

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

Supplies required are specific to research project and/or study tour.

Example 1: Materials and supplies required for the Mt. St. Helens and Channeled Scablands Adventures in Geography study tour have included:

- Reading List
- Carry-on sized suitcase or backpack (approx. 55 cm x 23 cm x 40 cm)
- Daypack (waterproof)
- TWO (2) water bottles (should be larger than 500ml)
- Rain jacket and rain pants
- Rite-in-rain books (available at UFV bookstore)
- Hiking boots (high-ankles are recommended)
- Sleeping bag
- Small pillow
- Camera with extra batteries and film/memory card (cell phone photos are not acceptable)
- Sunscreen
- Insect repellent
- Passport
- Photocopy of passport or driver's license and birth certificate
- Fleece jacket or similar
- Hat and gloves (could be chilly)
- Mess kit (non-breakable plate, bowl, mug, and cutlery)
- Flashlight/lantern
- Personal gear (including medications etc.)
- Spending money (US funds)

Locally-based and completed research projects developed as part of GEOG 270 would likely require most items above, except for those related to long-distance travel.

**Typical Evaluation Methods and Weighting**

Final exam:	%	Assignments:	%	Midterm exam:	%	Practicum:	%
Quizzes/tests:	%	Lab work:	%	Reading Reviews (2):	30%	Data Analysis and Summary Reports:	30%
Participation:	10%	Journal (including data collection):	20%	Reflective Essay:	10%	Total:	100%

**Details (if necessary):****Typical Course Content and Topics**

When completed as part of a study tour, GEOG 270 course content may include:

- Pre-trip meetings that cover an introduction to the region under study and its major issues;
- Identification of themes related to research project;
- Discussion of library techniques needed for hypothesis development;
- Discussion of field techniques appropriate to the research project, and the reporting structure for the research findings;
- Travel to research locations, and collection of data (usually through observation, photography, journals, subject counts, etc.);
- Compilation of research and presentation.

Field Studies are conducted in different world regions. GEOG 270 is designated with letters to indicate the subject region:

<b>Course</b>	<b>Title</b>
GEOG 270	Field Techniques in Geography and the Environment
GEOG 270A	Field Techniques in Geography and the Environment: South America
GEOG 270B	Field Techniques in Geography and the Environment: British Columbia
GEOG 270C	Field Techniques in Geography and the Environment: Hawaii and the Pacific
GEOG 270D	Field Techniques in Geography and the Environment: East Asia
GEOG 270E	Field Techniques in Geography and the Environment: Pacific Northwest
GEOG 270F	Field Techniques in Geography and the Environment: Australasia
GEOG 270G	Field Techniques in Geography and the Environment: Europe
GEOG 270H	Field Techniques in Geography and the Environment: American West/Hawaii
GEOG 270I	Field Techniques in Geography and the Environment: South Asia
GEOG 270J	Field Techniques in Geography and the Environment: National Parks
GEOG 270K	Field Techniques in Geography and the Environment: Mexico and Central America
GEOG 270L	Field Techniques in Geography and the Environment: Great Lakes/Central Canada
GEOG 270M	Field Techniques in Geography and the Environment: Atlantic Canada
GEOG 270N	Field Techniques in Geography and the Environment: United States
GEOG 270O	Field Techniques in Geography and the Environment: Western Canada
GEOG 270P	Field Techniques in Geography and the Environment: Western Europe
GEOG 270Q	Field Techniques in Geography and the Environment: Southern Europe
GEOG 270R	Field Techniques in Geography and the Environment: Eastern Europe
GEOG 270S	Field Techniques in Geography and the Environment: Russia
GEOG 270T	Field Techniques in Geography and the Environment: Southwest Asia/Middle East
GEOG 270U	Field Techniques in Geography and the Environment: Southeast Asia
GEOG 270V	Field Techniques in Geography and the Environment: Canada
GEOG 270W	Field Techniques in Geography and the Environment: Sub-Saharan Africa
GEOG 270X	Field Techniques in Geography and the Environment: East Africa
GEOG 270Y	Field Techniques in Geography and the Environment: Circumpolar North/Canada's North