### 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.

<table>
<thead>
<tr>
<th>COURSE NAME/NUMBER</th>
<th>FACULTY/DEPARTMENT</th>
<th>UFV CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 270</td>
<td>Geography</td>
<td>3</td>
</tr>
<tr>
<td>Field Techniques in Geography and the Environment</td>
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</tbody>
</table>

### CALENDAR DESCRIPTION:

This course provides 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. Geography 270 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.

### PREREQUISITES:
At least 6 credits of 100/200 level Geography

### COREQUISITES:

### SYNONYMOUS COURSE(S):

(a) Replaces:
(b) Cross-listed with:
(c) Cannot take:

### SERVICE COURSE TO: (department/program)

### TOTAL HOURS PER TERM: 60

<table>
<thead>
<tr>
<th>STRUCTURE OF HOURS:</th>
<th>TRAINING DAY-BASED INSTRUCTION:</th>
</tr>
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<tbody>
<tr>
<td>Lectures: 5 Hrs</td>
<td>Length of course:</td>
</tr>
<tr>
<td>Seminar:</td>
<td>Hours per day:</td>
</tr>
<tr>
<td>Laboratory: 45 Hrs</td>
<td>Maximum enrolment: 6</td>
</tr>
<tr>
<td>Field experience: 10 Hrs</td>
<td>Expected frequency of course offerings: On demand</td>
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<tr>
<td>Student directed learning: 10 Hrs</td>
<td>(every semester, annually, every other year, etc.)</td>
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</tbody>
</table>

### OTHER:

### 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): Dr. Michelle Rhodes

### Department Head: Dr. Michelle Rhodes

### Campus-Wide Consultation (CWC)

### Curriculum Committee chair: Amanda McCormick

### Dean/Associate VP: Dr. Jacqueline Nolte

### Undergraduate Education Committee (UEC) approval

### Date approved:
- September 5, 2013
- October 11, 2013
- November 8, 2013
- November 8, 2013
- November 22, 2013
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.

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

METHODS OF OBTAINING PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):
- Examination(s)
- Portfolio assessment
- Interview(s)

☑ Other (specify): Prior completion of a research project in geography (e.g. a previously completed equivalent credit course in research methods from another university)

☐ PLAR cannot be awarded for this course for the following reason(s):

TEXTBOOKS, REFERENCES, MATERIALS:
[Textbook selection varies by instructor. An example of texts for this course might be:]
Highly variable, depending on nature of the research project and/or study tour. Previous study tour materials used to support the Arizona study tour have included:

- Cohn, Jeffrey. 2001. Sonoran Desert Conservation, Bioscience 51 (8), 606-11.
SUPPLIES / MATERIALS:
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 repellant
- 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.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading Reviews (2)</td>
<td>30%</td>
</tr>
<tr>
<td>Data Analysis and Summary Reports</td>
<td>30%</td>
</tr>
<tr>
<td>Participation</td>
<td>10%</td>
</tr>
<tr>
<td>Journal (including data collection)</td>
<td>20%</td>
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<tr>
<td>Reflective Essay</td>
<td>10%</td>
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COURSE CONTENT:
[Course content varies by instructor. An example of course content might be:]

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.