

COURSE IMPLEMENTATION DATE: May 2012
 COURSE REVISED IMPLEMENTATION DATE: _____
 COURSE TO BE REVIEWED: March 2018
(six years after UEC approval) *(month, year)*

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

<u>GEOG 491</u>	<u>Geography</u>	<u>4</u>
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS
<u>Honours Research Design and Data Collection</u>		
COURSE DESCRIPTIVE TITLE		

CALENDAR DESCRIPTION:

This course is designed for students completing a two-semester research project for a Geography Honours program. Each student will work with a faculty supervisor to identify the topic and scope of this research. GEOG 491 will consist of instruction in primary and secondary research techniques, research design, and the collection of data required to complete this project. Compilation, analysis, and presentation of this research will be completed in GEOG 492 (BA students) or GEOG 493 (BSc students).

PREREQUISITES: Enrolment in the Geography Honours or Physical Geography Honours program, completion of at least 12 upper-level Geography credits, and instructor's permission.

COREQUISITES:
 PRE or COREQUISITES:

SYNONYMOUS COURSE(S):

- (a) Replaces: _____
- (b) Cross-listed with: _____
- (c) Cannot take: _____ for further credit.

SERVICE COURSE TO: *(department/program)*

TOTAL HOURS PER TERM: 75

STRUCTURE OF HOURS:

Lectures: _____ Hrs
 Seminar: _____ Hrs
 Laboratory: _____ Hrs
 Field experience: 30 Hrs
 Student directed learning: 35 Hrs
 Other (specify): meetings 10 Hrs

TRAINING DAY-BASED INSTRUCTION:

Length of course: _____
 Hours per day: _____

OTHER:

Maximum enrolment: 6
 Expected frequency of course offerings: On demand
(every semester, annually, every other year, etc.)

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): <u>Dr. Michelle Rhodes</u>	Date approved: <u>November 2011</u>
Department Head: <u>Dr. Michelle Rhodes</u>	Date of meeting: <u>December 2, 2011</u>
Supporting area consultation (Pre-UEC)	Date approved: <u>February 2012</u>
Curriculum Committee chair: <u>Tetsuomi Anzai</u>	Date approved: <u>February 2012</u>
Dean/Associate VP: <u>Dr. Jacqueline Nolte</u>	Date of meeting: <u>March 2, 2012</u>
Undergraduate Education Committee (UEC) approval	

LEARNING OUTCOMES:

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

- Demonstrate effective secondary research through the presentation of an annotated bibliography or written summary.
- Explain, in written form, how a proposed research project meets a need or gap within the broader literature.
- Identify and evaluate potential research methodologies appropriate to subject of study, including the most appropriate technique(s) to be used for a study.
- Identify, within a research proposal, study rationale, case study, timeline, costs to be incurred, and potential limitations to completing research.
- Explain in written and/or verbal discussion the ethical challenges involved in data collection.
- Apply scientific methodology (for physical geography projects) or other appropriate research procedures (for human geography/ techniques projects) to the design and conduct of research experiments or field projects.
- Provide a critical written reflection of the strengths and weaknesses of the research process to date.

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

Independent study involving one-to-one consultation between Honours project supervisor and student; self-directed primary and secondary research.

METHODS OF OBTAINING PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Examination(s) Portfolio assessment Interview(s) Other (specify):

PLAR cannot be awarded for this course for the following reason(s): The Honours project is an integrative, capstone project that takes place at the end of one's program, and which requires instructor supervision and evaluation of a research project over two terms.

TEXTBOOKS, REFERENCES, MATERIALS: *[Textbook selection varies by instructor. Examples for this course might be:]*

None. Readings specific to individual projects.

SUPPLIES / MATERIALS:

Specific to research project; some travel and/or equipment fees (e.g. batteries) may be incurred by student

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

Each research project is tailored to the student's research interests. However, course evaluation will be based on the following components (weighting of elements is approximate only):

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| 1. Effective identification and presentation of secondary research materials, as part of an annotated bibliography or in a draft literature review | 25% |
| 2. Research proposal | 20% |
| 3. Identification, through ethics review and/or written discussion, of ethical issues with project | 5% |
| 4. Timely collection of data according to outlined procedures | 40% |
| 5. Self-reflection and critique of research process to date | 10% |

Each student will work directly with a faculty supervisor to identify the timeline for completing original research. In most cases, the majority or all of the data collection will be completed as part of GEOG 491, with remaining data collection to take place in GEOG 492 or GEOG 493. BA Honours students will then compile, analyze, and present their findings as part of GEOG 492. BSc Honours students will do the same as part of GEOG 493.

Evaluation of the individual components of GEOG 491 will be by the student's Honours supervisor in consultation with a second reader. This second reader will be identified by the supervisor in consultation with the student.

COURSE CONTENT: *[Course content varies by instructor. An example of course content might be:]*

Course content varies by research project. The requirements of the individual project will be devised in consultation with the student's Honours supervisor.