



ORIGINAL COURSE IMPLEMENTATION DATE: September 2021
 REVISED COURSE IMPLEMENTATION DATE:
 COURSE TO BE REVIEWED (six years after UEC approval): March 2027
 Course outline form version: 05/18/2018

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: CIVI 200		Number of Credits: 3 Course credit policy (105)															
Course Full Title: Evidence-Based Decision Making																	
Course Short Title: <i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>																	
Faculty: Faculty of Access and Continuing Education		Department (or program if no department): Continuing Education															
Calendar Description: Fundamental approaches to evidence-based decision making examined for use within public/private sector organizations. Students reflect on evidence-based methodologies, including critical thinking skills, various experimental designs, data collection, use of statistics, and Indigenous ways of knowing/being to provide evidentiary basis for decisions. Students develop skills to gather, organize, cite, review, and evaluate the decision-making process.																	
Prerequisites (or NONE):		None.															
Corequisites (if applicable, or NONE):		None															
Pre/corequisites (if applicable, or NONE):		None															
Antirequisite Courses <i>(Cannot be taken for additional credit.)</i> Former course code/number: Cross-listed with: Dual-listed with: Equivalent course(s): <i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>		Special Topics <i>(Double-click on boxes to select.)</i> This course is offered with different topics: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>															
		Independent Study If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit															
		Transfer Credit Transfer credit already exists: <i>(See bctransferguide.ca.)</i> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Submit outline for (re)articulation: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>															
Typical Structure of Instructional Hours <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture/seminar hours</td><td style="text-align: center;">45</td></tr> <tr><td>Tutorials/workshops</td><td></td></tr> <tr><td>Supervised laboratory hours</td><td></td></tr> <tr><td>Experiential (field experience, practicum, internship, etc.)</td><td></td></tr> <tr><td>Supervised online activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;">Total hours</td><td style="text-align: center;">45</td></tr> </table>		Lecture/seminar hours	45	Tutorials/workshops		Supervised laboratory hours		Experiential (field experience, practicum, internship, etc.)		Supervised online activities		Other contact hours:		Total hours	45	Grading System <input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit	
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Total hours	45																
		Maximum enrolment (for information only): 20 Expected Frequency of Course Offerings: Every semester <i>(Every semester, Fall only, annually, etc.)</i>															
Department / Program Head or Director: Carolyn MacLaren		Date approved: September 21, 2020															
Faculty Council approval		Date approved: February 5, 2021															
Dean/Associate VP: Sue Brigden		Date approved: February 5, 2021															
Campus-Wide Consultation (CWC)		Date of posting: March 19, 2021															
Undergraduate Education Committee (UEC) approval		Date of meeting: March 26, 2021															

Learning Outcomes:

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

- Articulate the origin of evidence-based approaches.
- Identify the 5 steps to making evidence-based decisions.
- Define a "problem" in the context of evidence-based decision making and consider the components of thinking critically.
- Identify evidence in the form of empirical research, including quantitative, qualitative, and Indigenous ways of knowing/being through Elders/Knowledge Keepers.
- Apply the concepts and key mechanisms for collecting evidence, including the different forms of experimental design.
- Illustrate the role of statistics and cost-benefit analysis in evidence-based decision making.
- Apply the logic model as a method of program evaluation.
- Demonstrate appropriate and accurate citation skills.

Prior Learning Assessment and Recognition (PLAR)

Yes No

Note: PLAR cannot be typically awarded for this course due to the formulaic methodology used in evidence-based decision making. Exceptions would be considered in cases where students have completed prior non-credit training in EBDM.

Typical Instructional Methods (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Online instruction, guest lecturers, and presentations.

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. Maxim, Paul S.; Garis, Len; Plecas, Darryl; Davies, Mona	Evidence-based Decision Making for Government Professionals	<input checked="" type="checkbox"/>	City of Surrey	2015
2. Maxim, Paul S.; Garis, Len; Plecas, Darryl; Davies, Mona	Evidence-based Decision Making for Government Professionals - Workbook	<input checked="" type="checkbox"/>	City of Surrey	2015

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

Personal computer, access to Microsoft Word, Internet access.

Typical Evaluation Methods and Weighting

Final exam:	25%	Assignments:	30%	Field experience:	%	Portfolio:	%
Midterm exam:	25%	Project:	20%	Practicum:	%	Other:	%
Quizzes/tests:	%	Lab work:	%	Shop work:	%	Total:	100%

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

Week 1: Introduction to evidence-based decision making
 Week 2: Community participation in the evidence-based approach
 Week 3: Defining the problem
 Week 4: Thinking critically
 Week 5: Collecting evidence
 Week 6: Statistics
 Week 7: Experimental designs
 Week 8: Program evaluation
 Week 9: Costing analysis
 Week 10: Making decisions