UNIVERSITY OF THE FRASER VALLEY

ORIGINAL COURSE IMPLEMENTATION DATE: January 2015
REVISED COURSE IMPLEMENTATION DATE:
COURSE TO BE REVIEWED: (six years after UEC approval) August 2020
Course outline form version: 11/22/13

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

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

Course Code and Number: MATH 499 **Number of Credits:** 1 Course credit policy (105)

Course Full Title: Honours Module
Course Short Title:

Faculty: Faculty of Science **Department (or program if no department):** Mathematics and Statistics

Calendar Description:
This course serves students in the Mathematics Honours program. It may be offered as a supplement to an upper level MATH course. Topics and course description will vary.
Note: This course will be offered under different letter designations as the accompanying course varies, and may be repeated for credit provided the letter designation differs.

Note: Students with credit for cannot take this course for further credit.

Prerequisites (or NONE): Admission to the Mathematics Honours (Bachelor of Science) program.

Corequisites (if applicable, or NONE): The underlying course which this is supplementing (one of MATH 370, 438, 439, 440, or 444).

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 (Note: 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: 15
Typical structure of instructional hours:

Lecture hours	
Seminars/tutorials/workshops	
Laboratory hours	
Field experience hours	
Experiential (practicum, internship, etc.)	
Online learning activities	
Other contact hours: Student Directed Learning	15
Total	**15**

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): 6

Expected frequency of course offerings
(every semester, annually, etc.): Approx every 2 years

Department / Program Head or Director:	Cynthia Loten/Greg Schlitt (acting)	**Date approved:**	March 4, 2013
Campus-Wide Consultation (CWC)		**Date of posting:**	Feb 7, 2014
Faculty Council approval		**Date approved:**	May 2, 2014
Dean/Associate VP:	Lucy Lee	**Date approved:**	April 11, 2014
Undergraduate Education Committee (UEC) approval		**Date of meeting:**	August 29, 2014

Learning Outcomes

Context: This course supplements one of the MATH courses MATH 370, 438, 439, 440 or 444. Its learning outcomes extend those of the supplemented courses in the following ways:

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

- construct sophisticated arguments and examples which require integration of multiple techniques and substantial investment of time in independent reading and thought
- construct arguments and examples which require creativity and use of problem-solving techniques beyond those directly modelled in the supplemented course
- research a topic or question which extends those covered in the course and effectively communicate that research in the form of a paper or oral presentation.

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)

Independent reading and consultation with instructor

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 Edition	Publisher	Year Published
1.		Varies with the supplemented course.			
2.					
3.					
4.					
5.					

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

Typical Evaluation Methods and Weighting

Final exam:	%	Assignments:	50%	Midterm exam:	%	Practicum:	%
Quizzes/tests:	%	Lab work:	%	Field experience:	%	Shop work:	%
Other:	%	Research Project:	50%	Other:	%	Total:	100%

Details (if necessary):

Grading system: Letter Grades: ☐ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

Typical Course Content and Topics

Varies with supplemented course.