

Program Planning Guide

Bachelor of Science: Mathematics

YOUR COURSE PLANNING: This worksheet has been created as a guide for admitted students. Note that your course planning may look different than another student; this worksheet has been designed for students wishing to complete their program within a four-year timeline. Students may elect to take part-time studies or a reduced course load. Refer to the [Undergraduate Academic Regulations](#) within the Undergraduate Calendar for more information.

For requirements that have a “pick list” (i.e. *choose one of*) please visit the Undergraduate Calendar to see a detailed list. Note the list or requirements may change, so please ensure you follow the appropriate requirements (the [2021-2022 Undergraduate Calendar](#)). After July 1, 2021, you can find the calendar in a [PDF format](#).

100/200 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
ENGL 170 or ENGL 270	3		
CPSC 100	4		
CPSC 141	3		
MATH 100	3		
MATH 101	3		
General science requirement (see pick-list in undergraduate calendar)	3/4		
	3/4		
MATH 200	3		
MATH 201	3		
MATH 220	3		
MATH 224	3		
MATH 230	3		
300/400 Level Requirements			
MATH 302	3		
MATH 320	3		
MATH 336 or MATH 335	3		
STAT 371	3		
STAT 372	3		
MATH 326 or MATH 405	3		

300/400 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
400-level: 12 additional credit hours of 400-level MATH or STAT courses	3		
	3		
	3		
	3		
Other			
Electives: any level	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
Total Credit Hours	120		

BREADTH REQUIREMENT: As a part of this program, students will have satisfied their Physical Sciences breadth requirement (with the required MATH or CPSC courses) and their Arts & Humanities breadth requirement (with the required ENGL course). As such, please take a three credit hour course for the Natural Sciences [breadth requirement](#) and a three credit hour course for the Social Sciences [breadth requirement](#).

UNDERGRADUATE CALENDAR: It is the student’s responsibility to be aware of all University of Northern British Columbia [Undergraduate Calendar](#) regulations. Academic regulations, program information, course information, and pre-requisites can be found in this document.

EFFECTIVE SEPTEMBER 2021

NOTE: Although every attempt has been made to ensure the information on this worksheet is accurate, in the case of any discrepancy the Academic Calendar shall be considered the authority. This program planning worksheet is an unofficial planning tool for students new to UNBC and for students in a non-competitive entry program. Once your program has been declared, please use your degree evaluation as it is the official degree program-tracking document. You can find more information about your degree evaluation and how to run one at unbc.ca/advising.

Sample Sequencing Plan

Course Notes

First Year	
Fall	Winter
ENGL 170 or ENGL 270 or elective	ENGL 170 or ENGL 270 or elective
CPSC 100	CPSC 101 (recommended) or elective
CPSC 141	MATH 101
MATH 100	General science requirement (see list)
General science requirement (see list)	Elective (chosen to fulfill academic breadth)
Second Year	
MATH 200	MATH 201
MATH 220	MATH 224
Elective	MATH 230
Elective	CPSC 242 (recommended) or elective
Elective	Elective
Third Year	
MATH 302	STAT 372
MATH 320	MATH 326 (or MATH 405)
MATH 326 (or MATH 335 in January)	Elective
STAT 371	Elective
Elective	Elective
Fourth Year	
400-level MATH or STAT	400-level MATH or STAT
400-level MATH or STAT	400-level MATH or STAT
Elective	Elective
Elective	Elective
Elective	Elective

- Unless otherwise noted, students registering in MATH or STAT courses with prerequisites are required to have completed all prerequisite courses with a C- or better, or have permission to register from the Program Chair.
- PHYS 110 and PHYS 111 are strongly recommended.
- CPSC 101 and CPSC 242 are strongly recommended.
- MATH 405 is not generally offered.

Advisor Notes

STUDENT ADVISING: Is available by phone, email, or in person. To book an appointment, or to see when drop-ins are scheduled, please contact advising@unbc.ca or call 250.960.6306.

DEGREE EVALUATIONS: The [Degree Evaluation](#) is an interpretation of the Undergraduate Calendar for the year that you were admitted and helps display the requirements needed for your pProgram.

DOUBLE MAJORS: Students who are considering to double major should speak with their Student Advisor as soon as possible.

MINORS: To see available minors, please feel free to check out a [Declaration of Minor form](#) or look in the Program pages of the [Undergraduate Calendar](#). Minors are a structured way to use your electives while also completing a secondary concentration.

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RESIDENCY REQUIREMENT: Students must complete a minimum of 30 credit hours of upper division UNBC course work to receive a UNBC degree.

TIME LIMIT: Except by permission of the Dean, students must complete their undergraduate degree program within 15 years of their first semester of registration.

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