

## Program Planning Guide – First Year

### Bachelor of Science: Mathematics and Statistics

**YOUR COURSE PLANNING:** This worksheet has been created as a guide for admitted students. Note, 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. The list or requirements may change, so please ensure you follow the appropriate requirements (the [2025-2026 Undergraduate Calendar](#)). After July 1, 2025, 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 <a href="#">pick-list in undergraduate calendar</a> )	3/4		
	3/4		
MATH 202	3		
MATH 204	3		
MATH 220	3		
MATH 224	3		
MATH 230	3		
300/400 Level Requirements			
MATH 301	3		
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		
	3		
	3		
Total Credit Hours		120	

**BREADTH REQUIREMENT:** As a part of this program, students will have satisfied their Physical Sciences breadth requirement and their Arts & Humanities breadth requirement. As such, please take a three credit course for the Natural Sciences [breadth requirement](#) and a three credit 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 2025**

**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 you have been admitted, please use your degree evaluation as it is the official degree program-tracking document. You can find more information about how to use your degree evaluation at [unbc.ca/advising](http://unbc.ca/advising).

## Sample Sequencing Plan

First Year	
Fall	Winter
CPSC 100	ENGL 170 (or ENGL 270)
CPSC 141	MATH 101
MATH 100	CPSC 101 (recommended) or elective
General science requirement ( <a href="#">see list</a> )	General science requirement ( <a href="#">see list</a> )
Elective (chosen to fulfill academic breadth)	Elective (chosen to fulfill academic breadth)
Second Year	
MATH 202	MATH 204
MATH 220 (also available in January)	MATH 224
Elective	MATH 230
Elective	CPSC 242 (recommended) or elective
Elective	Elective
Third Year	
MATH 302	MATH 301
MATH 320	MATH 326 (or MATH 405)
MATH 336 or MATH 335	STAT 372
STAT 371	Elective
Elective	Elective
400-level MATH	
400-level MATH	400-level MATH
400-level MATH	400-level MATH
Elective	Elective
Elective	Elective
Elective	Elective

## Course Notes

- 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.
- STAT 240 and MATH 150 may not be used for credit towards any Mathematics and Statistics major or joint major.
- ENGL 270 and MATH 405 are rarely offered and should not be first choices for classes.

## Advisor Notes

**STUDENT ADVISING:** Your Advisor is available for virtual drop-ins or bookable (in-person, Zoom, or phone) appointments – this schedule can be found at [unbc.ca/advising/meet-your-advisor](https://unbc.ca/advising/meet-your-advisor). You can also email any questions or information to [fse.advising@unbc.ca](mailto:fse.advising@unbc.ca).

**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 program.

**DOUBLE MAJORS:** Students considering a double major should speak with their Student Advisor as soon as possible.

**MINORS:** To see available minors, please refer to the [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.

**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.

### EFFECTIVE SEPTEMBER 2025

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