Program Planning Guide – First Year

Bachelor of Science: Computer Science

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 2024-2025 Undergraduate Calendar). After July 1, 2024, you can find the calendar in a PDF format.

100/200 Level Requirements			
Requirements	**Credit Hours**	**Course Selected**	**Done**
CPSC 100	4		
CPSC 101	4		
CPSC 141	3		
ENGL 170 or ENGL 270	3		
MATH 100	3		
General science requirement (see pick-list in calendar)	3/4		
	3/4		
CPSC 200	3		
CPSC 222	3		
CPSC 230	4		
CPSC 231	4		
CPSC 242	3		
CPSC 260	3		
CPSC 281	3		
MATH 220	3		
300/400 Level Requirements			
CPSC 300	3		
CPSC 320	3		
CPSC 321	3		
CPSC 324	3		
CPSC 340	3		
CPSC 344 or 444	3		

300/400 Level Requirements			
Requirements	**Credit Hours**	**Course Selected**	**Done**
Additional 12-credit hours of CPSC 400-level coursework – see calendar for details	3		
	3		
	3		
	3		
Subject requirement: six additional credit hours in CPSC any level, or Math 335, or STAT 371	3		
	3		
Other			
Electives	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 satisfy their Physical Sciences and Arts & Humanities breadth requirements with required courses. As such, please take a three credit course for the Natural Sciences and a three credit course for the Social Sciences breadth requirements.

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.

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.

Sample Sequencing Plan

First Year	
Fall	Winter
CPSC 100	CPSC 101
CPSC 141	MATH 101 (recommended) or elective
ENGL 170, ENGL 270, or Elective (chosen to fulfill Academic Breadth)	ENGL 170, ENGL 270, or Elective (chosen to fulfill Academic Breadth)
MATH 100	General science requirement (see list)
General science requirement (see list)	Elective (chosen to fulfill Academic Breadth)
Second Year	
CPSC 230	CPSC 200
CPSC 260	CPSC 222
CPSC 281	CPSC 231
MATH 220 (or January)	CPSC 242
Elective or CPSC subject requirement	Elective or CPSC subject requirement
Third Year	
CPSC 300	CPSC 320
CPSC 321	CPSC 324
CPSC 340	CPSC 344 or CPSC 444
Elective	Elective
Elective	Elective
Fourth Year	
Elective or 400-level CPSC	Elective or 400-level CPSC
Elective or 400-level CPSC	Elective or 400-level CPSC
Elective or 400-level CPSC	Elective or 400-level CPSC
Elective or 400-level CPSC	Elective or 400-level CPSC
Elective or 400-level CPSC	Elective or 400-level CPSC

Course Notes

- MATH 150 may not be used for credit towards a Computer Science major or joint major.

- MATH 101 and STAT 371 are strongly recommended.

- PHYS 110 and PHYS 111 are strongly recommended for the General Science Requirement.

- A total of 45-credit hours of upper-division (300/400) coursework must be successfully completed to meet degree requirements.

- Some courses are offered in alternating years. Please see your Student Advisor for more information.

- Unless otherwise specified, students enrolling in any CPSC or MATH course with prerequisites are required to have completed all prerequisite courses for that course with a C- or better or have permission to enroll from the Program Chair.

Advisor Notes

STUDENT ADVISING: Is available by phone, email, or in person. The drop-in schedule can be found at https://www.unbc.ca/advising. For information on booked appointments, please contact advising@unbc.ca.

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.

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.