

## Program Planning Guide

### Bachelor of Science: Joint Chemistry and Computer Science

**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
CHEM 100	3		
CHEM 101	3		
CHEM 120	1		
CHEM 121	1		
CPSC 100	4		
CPSC 101	4		
CPSC 141	3		
ENGL 170 or ENGL 270	3		
MATH 100	3		
MATH 101	3		
CHEM 200	3		
CHEM 201	3		
CHEM 202	3		
CHEM 203	3		
CHEM 210	3		
CPSC 200	3		
CPSC 230	4		
CPSC 231	4		
CPSC 242	3		
CPSC 281	3		
MATH 220	3		
300/400 Level Requirements			
CHEM 300 or CHEM 305	3		
CHEM 310	3		
CHEM 320 or CHEM 321	3		
Fifteen credit hours of 300/400-level CHEM (See <a href="#">undergraduate calendar</a> for alternative, accepted courses)	3		
	3		
	3		
	3		
	3		

300/400 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
CPSC 320	3		
CPSC 321	3		
CPSC 370	3		
Six credit hours of 300/400-level CPSC (See <a href="#">undergraduate calendar</a> for alternative, accepted courses)	3		
	3		
Six credit hours of 400-level CPSC (See <a href="#">undergraduate calendar</a> for alternative, accepted courses)	3		
	3		
MATH 335 or STAT 317	3		
Other			
Electives: any level	3		
	3		
	3		
	3		
	3		
Total Credit Hours	126		

**BREADTH REQUIREMENT:** As a part of this program, students will have satisfied their Arts & Humanities breadth requirement (with the required ENGL courses), and Physical Sciences breadth requirement (with the required CHEM, CPSC, or MATH courses). 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](#).

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](http://unbc.ca/advising).

## Sample Sequencing Plan

First Year	
Fall	Winter
CHEM 100 and CHEM 120	CHEM 101 and CHEM 121
CPSC 100	CPSC 101
CPSC 141	ENGL 170
MATH 100	MATH 101
Elective (chosen to fulfill Academic Breadth)	Elective (chosen to fulfill Academic Breadth)
Second Year	
CHEM 200	CHEM 202
CHEM 201	CHEM 203
CHEM 210	CPSC 231
CPSC 200	CPSC 242
CPSC 230	CPSC 281
Third Year	
CHEM 310	MATH 220
CHEM 320 or CHEM 321	CHEM 300 or CHEM 305*
CPSC 320	300/400-level CHEM
CPSC 321	300/400-level CHEM
CPSC 370	300/400-level CHEM
Fourth Year	
300/400-level CHEM	300/400-level CPSC
300/400-level CHEM	300/400-level CPSC
400-level CPSC	400-level CPSC
STAT 317	MATH 335 (if STAT 317 not taken in Fall)
Elective	Elective

## Course Notes

- PHYS 110 and PHYS 111 are strongly recommended.
- CHEM 305, CHEM 320, and CHEM 321 are offered on alternating schedules. Please see your Student Advisor for more information.
- Between the two disciplines, a minimum of 15-credit hours at the 400-level must be completed.

## 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](mailto: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 program.

**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.

**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.

**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.

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