

Program Planning Guide

Bachelor of Science: Joint Chemistry and 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
CHEM 100	3		
CHEM 101	3		
CHEM 120	1		
CHEM 121	1		
CPSC 100	4		
MATH 100	3		
MATH 101	3		
PHYS 110	4		
PHYS 111	4		
CHEM 200	3		
CHEM 201	3		
CHEM 202	3		
CHEM 203	3		
CHEM 210	3		
MATH 200	3		
MATH 201	3		
MATH 220	3		
MATH 230	3		
300/400 Level Requirements			
CHEM 300 or CHEM 305	3		
CHEM 310	3		
CHEM 320 or CHEM 321	3		
Nine credit hours of 300/400-level CHEM (See undergraduate calendar for alternative accepted courses)	3		
	3		
	3		

300/400 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
Six credit hours of 400-level CHEM (See undergraduate calendar for alternative accepted courses)	3		
	3		
MATH 320	3		
MATH 326	3		
MATH 335	3		
Six credit hours of 300/400-level MATH	3		
	3		
Six credit hours of 400-level MATH	3		
	3		
STAT 371	3		
Other			
Electives: any level	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
Total Credit Hours	125		

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

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

First Year	
Fall	Winter
CHEM 100 and CHEM 120	CHEM 101 and CHEM 121
CPSC 100	MATH 101
MATH 100	PHYS 111
PHYS 110	Elective (chosen to fulfill Academic Breadth)
Elective (chosen to fulfill Academic Breadth)	Elective (chosen to fulfill Academic Breadth)
Second Year	
CHEM 200	CHEM 202
CHEM 201	CHEM 203
CHEM 210	MATH 201
MATH 200	MATH 220
Elective	MATH 230
Third Year	
CHEM 310	CHEM 300 or CHEM 305
CHEM 320 or CHEM 321	MATH 320
STAT 371	MATH 326
300/400-level CHEM	MATH 335
300/400-level CHEM	300/400-level CHEM
Fourth Year	
300/400-level MATH	400-level CHEM
300/400-level MATH	400-level CHEM
400-level MATH	400-level MATH
Elective	Elective
Elective	Elective

Course Notes

- 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 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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