UNBC UNIVERSITY OF NORTHERN BRITISH COLUMBIA

2025/26
Undergraduate Calendar

Program Planning Guide

Bachelor of Science: Physics

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**
CHEM 100	3		
MATH 100	3		
MATH 101	3		
PHYS 110	4		
PHYS 111	4		
CPSC 100 or CPSC 110	4/3		
MATH 202	3		
MATH 204	3		
MATH 220	3		
MATH 230	3		
PHYS 200	3		
PHYS 202	4		
PHYS 205	3		
PHYS 206	4		
300/400 Level Requirements			
MATH 301	3		
MATH 336	3		
PHYS 300	3		
PHYS 302	3		
PHYS 310	3		
PHYS 390	3		

300/400 Level Requirements			
Requirements	**Credit Hours**	**Course Selected**	**Done**
PHYS 400	3		
PHYS 401	3		
PHYS 404	3		
PHYS 407	3		
PHYS 410	3		
Nine additional PHYS 300/400 level credit hours	3		
	3		
	3		
Other			
Electives: any level (3 courses to cover breadth requirements)	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 PHYS or CPSC courses. As such, please take a three credit course for the Arts & Humanities breadth requirement, 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.

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

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 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.

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Sample Sequencing Plan

First Year	
Fall	Winter
CHEM 100	CPSC 110 if CPSC 100 not taken in September, or Elective (CPSC 101 recommended)
CPSC 100 (or CPSC 110 in January), or elective	MATH 101
MATH 100	PHYS 111
PHYS 110	Elective (CHEM 101 recommended)
Elective (chosen to fulfill Academic Breadth)	Elective (chosen to fulfill Academic Breadth)
Second Year	
MATH 202	MATH 204
PHYS 202	MATH 220
PHYS 205	MATH 230
Elective	PHYS 200
Elective	PHYS 206
Third Year	
MATH 336	MATH 301
PHYS 300*	PHYS 302
PHYS 310*	PHYS 390*
Elective or UD PHYS (to 9-credit hours)	Elective or UD PHYS (to 9-credit hours)
Elective	Elective
Fourth Year	
PHYS 400	PHYS 401*
PHYS 407*	PHYS 404*
Elective or UD PHYS (to 9-credit hours)	PHYS 410*
Elective	Elective
Elective	

Course Notes

- *PHYS 300, 310, 390, 401, 404, 407, and 410 are offered in alternating years. Please see your Student Advisor for planning assistance.
- information.
- Electives recommended by the Physics Program include: CPSC 101-4, CHEM 101-3, CHEM 200-3, MATH 335-3, STAT 371-3
- A total of 54-credit hours of upper-division (300/400-level) coursework must be successfully completed to meet degree requirements.
- UD = Upper-division (300/400-level coursework)

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. You can also email any questions or information to 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 who are 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.

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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