

Program Planning Guide

Bachelor of Science: Physics

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		
MATH 100	3		
MATH 101	3		
PHYS 110	4		
PHYS 111	4		
CPSC 100 or CPSC 110	4/3		
MATH 200	3		
MATH 201	3		
MATH 220	3		
MATH 230	3		
PHYS 200	3		
PHYS 202	4		
PHYS 205	3		
Four additional PHYS 200 level credit hours (not PHYS 215)	4		
300/400 Level Requirements			
MATH 336	3		
PHYS 300	3		
PHYS 302	3		
PHYS 310	3		

300/400 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
PHYS 400	3		
PHYS 401	3		
PHYS 407	3		
Nine additional PHYS 300/400 level credit hours	3		
	3		
	3		
Other			
Electives: any level	3		
Electives: any level	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	3		
	2 (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 MATH or CPSC courses) and their Arts & Humanities breadth requirement (with the required ENGL course). 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](#).

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 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
CPSC 100 (or CPSC 110 in January)	CPSC 110 (if CPSC 100 not taken in September) or CPSC 101 (recommended) or Elective
CHEM 100	CHEM 101 (recommended) or Elective
MATH 100	MATH 101
PHYS 110	PHYS 111
Elective (chosen to fulfill Academic Breadth) or CPSC 141	Elective (chosen to fulfill Academic Breadth)
Second Year	
MATH 200	MATH 201
MATH 220	MATH 230
PHYS 202	PHYS 200
PHYS 205	200-level PHYS or elective
200-level PHYS or elective	CHEM 200 (recommended) or elective
Third Year	
MATH 336	PHYS 302
PHYS 300*	300/400-level PHYS or elective
PHYS 310*	300/400-level PHYS or elective
300/400-level PHYS or elective	MATH 335 (recommended) or elective
STAT 371 (recommended) or elective	Elective
Fourth Year	
PHYS 400	PHYS 401*
PHYS 407*	Elective
Elective	Elective
Elective	Elective
Elective	Elective

Course Notes

- PHYS 307 (Selected Topics in Environmental Physics) may not be used as PHYS credit toward any Physics major, joint major, or minor.
- Electives recommended by the Physics Program include: CPSC 100-4, CHEM 101-3, CHEM 200-3, MATH 335-3, STAT 371-3
- Note that some upper-division (UD: 300/400-level) PHYS course offerings alternate in the years offered, i.e. September 2017 then September 2019 or January 2018 then January 2020. Please see your Student Advisor for planning assistance.

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.

EFFECTIVE SEPTEMBER 2021

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