

Program Planning Guide

Bachelor of Science: Integrated 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 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
BIOL 103	3		
BIOL 104	3		
BIOL 123	1		
BIOL 124	1		
CHEM 100	3		
CHEM 101	3		
CHEM 120	1		
CHEM 121	1		
MATH 100 and MATH 101 or MATH 152 and STAT 240	3 + 3		
PHYS 100 or PHYS 110	4		
PHYS 101 or PHYS 111	4		

200/300/400 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
200, 300, and 400 Level Requirements – See Student Advisor			
Other			
Electives – See Student Advisor			
Total Credit Hours	120		

BREADTH REQUIREMENT: As a part of this program, students will have satisfied their Physical Sciences and Natural Sciences breadth requirements. As such, please take a three credit course for the Social Sciences [breadth requirement](#) and a three credit course for the Arts & Humanities [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 2024

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
BIOL 103 and BIOL 123	BIOL 104 and BIOL 124
CHEM 100 and CHEM 120	CHEM 101 and CHEM 121
MATH 100 or MATH 152*	MATH 101 or STAT 240*
PHYS 100 or PHYS 110	PHYS 101 (with PHYS 100) or PHYS 111 (with PHYS 110)
Elective (chosen to fulfill Academic Breadth)	Elective (chosen to fulfill Academic Breadth)
Second Year	
See Student Advisor	
Third Year	
See Student Advisor	
Fourth Year	
See Student Advisor	

Course Notes

- Students must choose two specializations for BSc Integrated Sciences program completion. For a list of available specializations, please [see the academic calendar](#). Once the specializations have been chosen, the student should email their Student Advisor with that information and see them to begin prerequisite and progression planning for 300/400-level courses.
- **Areas of Specialization are:**
 - **Biology, Ecology, and Biochemistry and Molecular Biology**
 - **Chemistry, Biochemistry and Molecular Biology**
 - **Computer Science**
 - **Environmental and Earth Sciences**
 - **Geography (Science) and GIS**
 - **Mathematics & Statistics**
 - **Natural Resources and Forestry**
 - **Physics**

*The MATH courses you choose for first year will be dependent on the two specializations you choose. If you do not know which specializations you wish to declare, choose MATH 100 and MATH 101.

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.

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 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.

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