

## Diploma of Biological Sciences – 2026/27

### Instructions for Use

This planning guide is to assist you in selecting your courses each term. Read carefully, as some courses are only offered in one term/year and some are offered in multiple terms/year.

**\* The recommended sequencing plan and note section in this guide will be beneficial in helping you select courses.**

Refer to your program page on the main website under programs/courses for a more thorough description of each course.

A glossary (description) of common words and phrases used in this guide can be found on the last page.

### Graduation Requirements and Yukon First Nations Core Competency

Students must complete the required courses, as well as the required number of electives.

In addition to passing all the required courses, the student must:

- complete 50% of the course work at Yukon College
- maintain a 2.00 cumulative GPA (C average) across all courses
- complete the Yukon First Nations Core Competency (below)

#### Yukon First Nations Core Competency

Yukon University recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, visit [Yukon First Nations Core Competency](#).

The Biological Sciences Diploma has incorporated this with a three-credit course that meets the Core Competency <https://www.yukonu.ca/yukon-first-nations-core-competency>

First Year Courses <sup>1</sup>			
Course Requirements	Credit	Term	Done
BIOL 101 & 101 L	3	Fall	
CHEM 110 & 110L	3	Fall	
MATH 100 <sup>2</sup>	3	Fall	
PHYS 101 & 101L	3	Fall	
ENGL 100	3	Fall/Any	
CHEM 111 & 111L	3	Winter	
BIOL 102 & 102L	3	Winter	
MATH 101 <sup>2</sup> /200 (or Science elective <sup>3</sup> )	3	Winter	
ENGL 101	3	Any	
Course that meets Yukon First Nations Core Competency <sup>4</sup>	3	Any	
<b>Total Credits</b>	<b>30</b>		

Second Year Courses <sup>1</sup>			
Course Requirements	Credit	Term	Done
BIOL 201 & 201L	3	Fall	
CHEM 210 & 210L	3	Fall	
BIOL 203 & 203L or 2 <sup>nd</sup> year Science elective <sup>3</sup>	3	Fall	
BIOL 220 or 2nd year Science elective <sup>3</sup>	3	Fall	
BIOL 202 & 202L	3	Winter	
CHEM 211 & 211L or 2 <sup>nd</sup> year Science elective <sup>3</sup>	3	Winter	
BCHM 200 & 200L or 2 <sup>nd</sup> year Science elective <sup>3</sup>	3	Winter	
Science elective (any level, e.g. PHYS 102)	3	Any	
Liberal Arts Elective <sup>5</sup>	3	Winter	
Any Elective <sup>6</sup> 200 level	3	Any	
<b>Total Credits</b>	<b>30</b>		

## Notes

- Courses can be taken in any order** so long as necessary prerequisites are met for each course. For example, BIOL 101 and 102 are required before taking BIOL 201 or 202.
- MATH 120 may be used to substitute for a required MATH course and can be good preparation for MATH 100 or used as the prerequisite for MATH 200. **MATH 120 may not be taken after MATH 100 as the second math course or as an elective.** Please be aware that MATH 120 typically transfers as an unassigned 1<sup>st</sup> year math at most institutions. Please consult a course advisor *before* enrolling in MATH 120.
- If a student plans to transfer to a degree program, University Transferrable (UT) courses are recommended. UT electives for first year include GEOG 101, 102, PHYS 102, GEOL 105, 106, and for second year: BIOL 203, 210, 220, 225, 230 BCHM 200, CHEM 211, CPSC 128, GEOG 250, MATH 200, NSCI 201, 202, COMM 204, SOIL 210. Please see a course advisor for more information about transferability.
- Please see list of courses that meet the Yukon First Nations Core Competency <https://www.yukonu.ca/yukon-first-nations-core-competency>
- Any 100 or 200-level course offered by the School of Social Sciences & Humanities or the School of Indigenous Governance. Other options may be possible. Contact a program advisor for more information.
- Any 200-level course offered by the School of Science, School of Social Sciences & Humanities, School of Indigenous Governance, or School of Business and Leadership. Sciences & Humanities, the School of Indigenous Governance, or the School of Business and Leadership.

## Sample Sequencing Plan

Shown below is a **sample** sequence of courses for your diploma. If you follow this plan, you should be able to graduate in two years, provided you complete five course per term. This is just one example of how you could complete the diploma requirements; **other sequences will work as well.**

Year 1 Fall	Year 2 Fall
BIOL 101 & 101L	BIOL 201 & 201L
CHEM 110 & 110L	BIOL 203 & 203L
ENGL 100	CHEM 210 & 210L
PHYS 101 & 101L or elective	Second year science elective <sup>3</sup> e.g. BIOL 220 & 220L
MATH 100	Any 200-level Elective
Year 1 Winter	Year 2 Winter
BIOL 102 & 102L	BIOL 202 & 202L
CHEM 111 & 111L	CHEM 211 & 211L
ENGL 101 or COMM 204	BCHM 200 & 200L
MATH 101 / MATH 200 or Science Elective <sup>3</sup>	Science Elective (1 <sup>st</sup> or 2 <sup>nd</sup> year level) e.g. PHYS 102
HIST 140	Liberal Arts elective <sup>5</sup> (or other elective)

## Student Responsibility

You are responsible for the completeness and accuracy of your registration and for determining the requirements of your program. Always read course descriptions before you register to determine if you have the necessary prerequisites and pay attention to notes on mutually exclusive and cross-listed courses (pairs of courses in which credit will be awarded for only one).

## Program Advising

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## Common Words and Phrases

- **Credits** = A **Credit** is the unit of weight for university courses and range from 1 to 15 credits.
- **Grade Point Average (GPA)** is a representation of academic achievement produced by dividing the total number of grade points earned over a period, usually a semester, divided by the number of courses or credits taken. See the Academic Regulations for a fuller explanation.
- **Highly Recommended Course** is a course that would be beneficial to your learning and should be take either before or during your studies.
- **Prerequisite** is a course that you must complete with a satisfactory grade before enrolling in a subsequent course.
- A **Semester** is a portion of an academic year, during which an educational institution holds classes. Many people use the word 'term' interchangeably. We have three semesters per year. (Fall, Winter & Spring/Summer – see below)  
\*Note: not all programs use three (3) terms as part of their study schedule – most programs at YukonU use only the Fall & Winter term.
- **Recommended Sequencing Plan** shows an example of how a selection of courses could be arranged to allow a student to complete a certificate, diploma or degree.
- **Fields of Study**
  - **Humanities** is the study of unique products of human culture and expression and include history, literature, language, philosophy, the visual arts, theatre, dance, and music.
  - **Social Science**, sometimes called the behavioural sciences, is the branch of academic study that looks at human activity in societies and seeks to understand the causes and consequences of social phenomena. Many social sciences have a social justice agenda in that they also seek to find and offer solutions to social problems. Social science disciplines include anthropology, criminology, economics, political science, sociology, psychology, and women and gender studies.
  - **Science** deals with the study of natural phenomena through observation, experimentation and use of scientific methods and include study in fields such as astronomy, biology, chemistry, computer science, environmental sciences, geology, mathematics, and physics.
- **Semester Starts and Ends**
  - Fall = Either Late August or early September through December
  - Winter = Early January through April (Sometimes into early May)
  - Spring/Summer = May through August

**Note: Terms/Semester exact dates are determined by your program.**

## Program Planning Guide Revisions

Date Created	Date Revised	Section Revised
March 2020	Aug 2022	All, dates updated, email address updated
	May 2023	All, updated to reflect program name change, required course changes, and admissions requirement change
	May 2024	No changes
	May 2026	Added footnote about MATH 120, clarified electives in recommended plan, highlighted BIOL 220 as recommended course, minor edits