



Name:	TRU#
Advisor:	Date:

Bachelor Of Science GENERAL SCIENCE - 2 CONCENTRATIONS (120 credits)

FIRST YEAR REQUIREMENTS (21-24 credits)		SECOND YEAR REQUIREMENTS		THIRD/FOURTH YEAR REQUIREMENTS (48 credits)		
COURSE	GRADE	1000/2000 Science course prerequisites (27 credits)		CHOOSE 2 SCIENCE CONCENTRATIONS		
ENGL 1100 or 1110 ^{1,2}		COURSE	GRADE	SCIENCE CONCENTRATION 1 (18 credits)		
OR any two of ENGL 1100, 1110, 1120, 1140 and 1210 ^{1,2}		1000/2000 level Science				
		1000/2000 level Science		COURSE	GRADE	
CHEM 1500 - Chemical Bonding/Organic Chem		1000/2000 level Science		3000/4000 concentration 1		
PHYS 1100 or 1150		1000/2000 level Science		3000/4000 concentration 1		
MATH 1140 (or 1150) - Calculus 1		1000/2000 level Science		3000/4000 concentration 1		
MATH 1240 (or 1250) - Calculus 2		1000/2000 level Science		3000/4000 concentration 1		
1 of BIOL 1110, 1210, GEOL 1110 or 2050		1000/2000 level Science		3000/4000 concentration 1		
		1000/2000 level Science		3000/4000 concentration 1		
COMP 3 credits ^{1,4}		CMNS 2290 or 2300		SCIENCE CONCENTRATION 2: (18 credits)		
<ul style="list-style-type: none"> ❖ The General Science program requires careful planning. Students must ensure that during their second year they complete the prerequisites for the upper-level (3000- and 4000-level) courses. ❖ Completion of 18 upper-level credits in each of two areas (chosen from biology, chemistry, computing science, geology, mathematics and statistics, physics). This alternative is particularly recommended for students planning to qualify to teach in BC secondary schools. <p>Notes:</p> <ol style="list-style-type: none"> 1. Must be taken prior to third-year. 2. Students with a B or higher in ENGL 1100 or 1110 may complete the remaining 3-credits in any discipline outside of science. 3. Non-Science electives must be in at least two different subject areas (other than English). 4. The 3 credits of COMP: suggest: 3 of COMP 1020, 1030, 1050, 1070, 1080, 1150 OR COMP 1110 OR COMP 1130. 	GENERAL ELECTIVES (21-24 credits)					
			Non-science elective ³		3000/4000 concentration 2	
			Non-science elective ³		3000/4000 concentration 2	
			Non-science elective ³		3000/4000 concentration 2	
			Elective in lieu of 2 nd ENGL ²		3000/4000 concentration 2	
			Elective		3000/4000 concentration 2	
			Elective		3000/4000 concentration 2	
			Elective		3000/4000 Level Electives (12 credits)	
					3000/4000 level Elective	
					3000/4000 level Elective	
				3000/4000 level Elective		

KEEP IN MIND

Course Load: Transitioning to university can be challenging and many students choose to take a lighter course load. Please speak with Academic Advising to discuss sequencing and workload.
Resources: See the current [Academic Calendar](#) for more about the program requirements. Find more in the [Course Schedule](#) about course prerequisites, co-requisites and course times.



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Bachelor Of Science GENERAL SCIENCE - 3 CONCENTRATIONS (120 credits)

FIRST YEAR REQUIREMENTS (21-24credits)		SECOND YEAR REQUIREMENTS		3000/4000-Level (48 credits)		
COURSE	GRADE	1000/2000 Science course prerequisites (27 credits)		CHOOSE 3 SCIENCE CONCENTRATIONS		
ENGL 1100 or 1110 ^{1,2}		COURSE		SCIENCE CONCENTRATION 1: (18 credits)		
1000 level ENGL ^{1,2}		1000/2000 level Science	GRADE			
CHEM 1500		1000/2000 level Science		COURSE	GRADE	
PHYS 1100 or 1150		1000/2000 level Science		3000/4000 concentration 1		
MATH 1140 (or 1150) - Calculus 1		1000/2000 level Science		3000/4000 concentration 1		
MATH 1240 (or 1250) - Calculus 2		1000/2000 level Science		3000/4000 concentration 1		
1 of BIOL 1110, 1210, GEOL 1110 or 2050		1000/2000 level Science		3000/4000 concentration 1		
COMP 3 credits ^{1,4}		1000/2000 level Science		3000/4000 concentration 1		
		1000/2000 level Science		3000/4000 concentration 1		
<ul style="list-style-type: none"> ❖ The General Science program requires careful planning. Students must ensure that during their second year they complete the prerequisites for the upper-level (3000- and 4000-level) courses. ❖ 3 Science concentrations requires: 18 (3000/4000 level) credits in one concentration and 6 (3000/4000 level) credits in the other 2 concentrations Notes: <ol style="list-style-type: none"> Must be taken prior to third-year. Students with a B or higher in ENGL 1100 or 1110 may complete the remaining 3-credits in any discipline outside of science. Non-Science electives must be in at least two different subject areas (other than English). The 3 credits of COMP: suggest: 3 of COMP 1020, 1030, 1050, 1070, 1080, 1150 OR COMP 1110 OR COMP 1130. 		CMNS 2290 or 2300		SCIENCE CONCENTRATION 2: (6 credits)		
	ELECTIVES (21-24 credits)					
	Non-science elective ³				3000/4000 concentration 2	
	Non-science elective ³				3000/4000 concentration 2	
	Non-science elective ³				SCIENCE CONCENTRATION 3: (6 credits)	
	Elective in lieu of 2 nd ENGL ²					
	Elective				3000/4000 concentration 3	
	Elective				3000/4000 concentration 3	
	Elective				3000/4000 Level Electives (18 credits)	
	Elective				3000/4000 level Elective	
				3000/4000 level Elective		
				3000/4000 level Elective		
				3000/4000 level Elective		
				3000/4000 level Elective		

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INSTITUTIONAL LEARNING OUTCOMES

To graduate from a TRU Bachelor degree, students may be required to satisfy 8 Institutional Learning Outcomes (ILO) plus a Capstone course. (27 credits).

To find out if these requirements apply to you, please refer to DegreeWorks (available through [myTRU](#)) or contact your Program Advisor for more information.

If you are required to satisfy the ILO's, you must have courses that meet the following requirements:

- 1 course for each of the eight Institutional learning outcomes
- Of those 8 courses, a minimum of 4 (1 in each theme) must be outside the discipline.
- Of those 8 courses, one must also be designated as high impact.
- You must also complete the Capstone course in the final 30 credits of your study.

	Institutional Learning Outcome	Course	Inside or Outside?	High Impact?
Connection	Communication			
	Teamwork			
Engagement	Lifelong Learning			
	Social Responsibility			
Exploration	Knowledge			
	Critical Thinking			
Local-to-Global	Indigenous Knowledges & Ways			
	Intercultural Awareness			
	Capstone			

How do I search for an ILO course?

Visit the [course schedule](#) and select a term. On the following screen, click the Attribute box and select an ILO.