

**GUIDELINES FOR
BACHELOR OF SCIENCE**
FIRST AND SECOND YEAR PLAN – CELLULAR, MOLECULAR AND MICROBIAL BIOLOGY

YEAR 1			
FALL SEMESTER		WINTER SEMESTER	
ENGL 1100 or 1110		ENGL 1100 or 1110 or 1120 or 1140 or *1150 or 1210 (see note: CMNS 2290 or 2300 or non-Science elective)	
BIOL 1110		BIOL 1210	
CHEM 1500		CHEM 1510 or 1520	
MATH 1150 (preferred) or 1140		MATH 1250 (preferred) or 1240	
PHYS 1100 or 1150		PHYS 1200 or 1250 (see note)	
YEAR 2			
FALL SEMESTER		WINTER SEMESTER	
CHEM 2120		CHEM 2220	
BIOL 2160 (important)		BIOL 2130	
BIOL 2170		BIOL 2340	
BIOL 2280		BIOL 2290	
Non-Science elective		COMP (3 credits) (see note)	

IMPORTANT NOTES

- ❖ Students with a B or higher in ENGL 1100 **or** 1110 may complete the remaining 3-credits in any discipline outside of Science – CMNS 2300 is recommended.
- ❖ *English 1150 may not be suitable for professional programs. Please consult your Advisor.
- ❖ Students with 80% or higher in Grade 12 Physics may opt to take an alternate course instead of PHYS 1250. PHYS 1150 would be required.
- ❖ Non-Science electives must be in at least two different subject areas (other than English).
- ❖ The 3 credits of COMP may be COMP 1020/1030/and one other 1-credit COMP OR COMP 1110 OR COMP 1130.

COURSE OFFERINGS

FALL SEMESTER ONLY		WINTER SEMESTER ONLY	
BIOL 1110		BIOL 1210	
BIOL 2160		BIOL 2130	
BIOL 2170		BIOL 2340	
BIOL 2280		BIOL 2290	
CHEM 1500		CHEM 1510 or 1520	
CHEM 2120		CHEM 2220	
MATH 1150		MATH 1250	
PHYS 1100 or 1150		PHYS 1200 or 1250	

KEEP IN MIND

 This form is meant to be used as a guideline in conjunction with the TRU [Academic Calendar](#) and [Course Schedule](#).

Contact an Academic Advisor to discuss course planning, sequencing, workload, future career and educational goals and more.