THOMPSON RIVERS UNIVERSITY

Academic Advising

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Name		TRU#:	
Advisor:		Date:	
Minor (optional):			

BACHELOR OF COMPUTING SCIENCE DEGREE CHECKSHEET (120 credits)

1000 & 2000 Level CORE courses (36 credits)		General ELECTIVES (42 credits) 1000-4000 Level			3000/4000-Level COMP courses (42 credits)	
1000 Level CORE courses		ELECTIVE courses			3000-4000 Level CORE courses	
COURSE	GRADE	REQUIREMENTS	COURSE	GRADE	COURSE	GRADE
COMP 1130 - Computer Programming 1		Non-Science Elective			COMP 3260 - Computer Network Security	
COMP 1230 - Computer Programming 2		Non-Computing Elective			COMP 3270 – Computer Networks	
MATH 1650 - Math for Computing Science		Non-Computing Elective			COMP 3410 - Operating Systems	
MATH 1700 - Discrete Mathematics		Non-Computing Elective			COMP 3450 - Human-Computer Interaction	
ENGL 1100 – Intro. to University Writing		General Elective			COMP 3520 - Software Engineering	
CMNS 1290 – Intro. to Professional Writing		General Elective			COMP 3540 - Advanced Web Design & Prog.	
2000 Level CORE courses		General Elective			COMP 3610 – Database Systems	
COURSE	GRADE	General Elective			COMP 3710 - Applied Artificial Intelligence	
COMP 2130 – Intro. to Computer Systems		General Elective			COMP 4910 - Computer Science Project	
COMP 2230 - Data Structure, Algorithm Analysis		General Elective			COMP 4930 –Prof. & Ethical Issues in Comp Sci.	
COMP 2160 - Mobile App Development 1		General Elective			3000-4000 COMP	
COMP 2680 - Web Site Design & Develop.		Elective−Lifelong Learning (ILO)			3000-4000 COMP	
COMP 2210 - Programming Methods		Elective−Indigenous Knowledge (ILO)			3000-4000 COMP	
COMP 2920 - Software Architecture & Design		General Elective - 3000/4000 level			3000-4000 COMP	
		*** NOTE: Only 1 of above electives must be 3000/4000 level ***				

*Note: A grade of C or higher is required in all prerequisite COMP and MATH courses

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: More about the program requirements at tru.ca/current/enrolment-services/calendar.html. More about course prerequisites, co-requisites, and course times at:
tru.ca/current/enrolment-services/course-schedule.html

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 Bachelor of Computing Science 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	ENGL 1100	Outside	
	Teamwork	COMP 3520	Inside	
Engagement	Lifelong Learning		Outside	
	Social Responsibility	COMP 4930	Inside	
Exploration	Knowledge	COMP 3710	Inside	Yes
	Critical Thinking	MATH 1700	Outside	
Local-to-Global	Indigenous Knowledges & Ways		Outside	
	Intercultural Awareness	COMP 3450	Inside	
	Capstone	COMP 4910	Inside	

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.