THOMPSON RIVERS UNIVERSITY

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GUIDELINE FOR
COMPUTING SCIENCE DIPLOMA

GUIDELINES

ENGLISH & MATH PLACEMENT

ENGLISH

IF YOU TOOK	YOUR GRADE	CHOOSE
English Studies 12 **or** English First Peoples 12 **or**	73% or higher	
ESAL 0570 <u>and</u> 0580 **or**	65% or higher	➡ ENGL 1100
ENGL 0600 **or** ENGL 0620	65% or higher	
English Studies 12 **or** English First Peoples 12	Below 73%	➡ ACCUPLACER Assessment **or** ENGL 0600 **or** ENGL 0620

MATHEMATICS

IF YOU TOOK	YOUR GRADE (within the last 2 years)	CHOOSE
Pre-Calculus 12	67% or higher	➡ MATH 1650 **or** MATH 1700
Pre-Calculus 12	Below 67%	➡ MATH 1000 **or** MATH 0630 **or** MATH 0600+0610
Foundations 12	67% or higher	➡ MATH 1650 **or** MATH 1700
Foundations 12	Below 67%	➡ MATH 0650

SUGGESTED COURSE PLAN

YEAR 1

SEMESTER	GRADE	SEMESTER 2	GRADE
ENGL 1100: Intro. to University Writing		CMNS 1290: Intro. to Professional Writing	
COMP 1130: Computer Programming 1		COMP 1230: Computer Programming 2	
MATH 1700: Discrete Mathematics 1		MATH 1650: Mathematics for Computing Science	
Elective – General		Elective – General	
Elective – General		Elective – Computing	

YEAR 2

SEMESTER 1	GRADE	SEMESTER 2	GRADE
COMP 2130: Intro. to Computer Systems		COMP 2210: Programming Methods	
COMP 2160: Mobile Applications Development 1		COMP 2920: Software Architecture and Design	
COMP 2230: Data Structure, Algorithm Analysis & Design		COMP 3270: Computer Networks	
COMP 2680: Website Design & Development		COMP 3610: Database Systems	
Elective - Computing		Elective – UPPER-LEVEL Computing	

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

Current as of **2024/2025**

COMPUTING SCIENCE – FIRST- & SECOND-YEAR ELECTIVES

Accounting (ACCT)	2210, 2250, 2280	Japanese (JAPA)	All
Agricultural Science (AGSC)	2100, 2200	Journalism (JOUR)	All
Anthropology (ANTH)	All	Linguistics (LING)	2010, 2020
Archaeology (ARCH)	All	Management (MNGT)	1710
Astronomy (ASTR)	All	Management Information Systems (MIST)	2610
Biology (BIOL)	All	Marketing (MKTG)	2430
Business Law (BLAW)	2910	Mathematics (MATH)	All
Chemistry (CHEM)	All	Modern Language (MLAN)	1110, 1210, 2700
Chinese (CHIN)	1110, 1210	Music (MUSI) (Choir)	All
Communications (CMNS)	All	Natural Resource Science (NRSC)	All
Computing (COMP)	1110 (take prior to COMP 2210), 1810	Organizational Behaviour (ORGB)	2810
Criminology (CRIM)	All	Philosophy (PHIL)	All
Economics (ECON)	All	Physical Education (Activity)	All 1000 level
Creative Writing (CRWR)	All	Physical Education (Theory)	All
English (ENGL)	All	Physics (PHYS)	All
Event (EVNT)	All (except 2500)	Political Studies (POLI)	All
Film (FILM)	All	Psychology (PSYC)	All
Finance (FNCE)	2120	Service & Community Learning (SRCL)	1000
First Nations Language (FNLG)	All	Social Work (SOCW)	2060, 2120
French (FRAN)	All	Sociology (SOCI)	All
Geography (GEOG)	All	Spanish (SPAN)	All
Geology (GEOL)	All	Speech (SPEE)	All
German (GERM)	All	Statistics (STAT)	All
Health (HLTH)	All	Student Success (STSS)	All
History (HIST)	All	Theatre (THTR)	All
Hotel Management (HMGT)	All (except 2500)	Tourism (TMGT)	All
Human Resource Management (HRMN)	2820	Visual Arts (VISA)	All 1000 level and 2000 level
Indigenous Studies (INDG)	2100		

KEEP IN MIND

Course Load: Transitioning to university can be challenging and many students choose to take a lighter course load.
Feel free to speak with an Academic Advisor to discuss course 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