

Bachelor of Computing Science

Online Tutorial Academic Advising



THOMPSON RIVERS
UNIVERSITY

KAMLOOPS, BC



Purpose of this Tutorial

To explain the specific requirements for **TRU's Bachelor of Computing Science Degree Program (BCS)**

To assist students in selecting appropriate courses and making a personalized educational plan



Topics of Discussion

- Admission to BCS
- BCS Program Advising
- BCS Requirements
- Double Degree Options (BCS and BBA)
- Co-operative Education
- Course Selection and Individual Plan



BCS Program – Entry Level

- **Admission** occurs primarily at 1st year level or 3rd year level
- Students can enter at 2nd year level or the 4th year level
- Contact the BCS Program Advisor for full details
 - Look online for more [program information](#)



Admission Options

- **Four options for admission are available:**
 1. High School graduates (1st year entry)
 2. 3rd and 4th year entry - 60 / 90 credits of study at a post secondary institution respectively
 3. Professional entry - Post secondary studies and work experience in the Information Technology field
 4. Transfer students - Students who have attended or completed their first two years at another institution are accepted on the same basis as students attending TRU



Apply For Admission

Complete the application form and submit by one of the following methods:

- Apply on line www.applybc.ca, or
- By mail: 900 McGill Road
Kamloops, BC, V2C 0C8, or
- In-person: Registrar's Office,
Old Main Building,
Room 1155



First-Time Applicants

- Must pay a non-refundable application fee of \$25.50
- Payment can be made by cheque or money order, payable to TRU
- Pay by cash in person, at the Campus Cashier, located in the Old Main Building, Room 1614
- Pay with Visa/Mastercard if applying online using [Apply BC](#)



Application Dates

- For Fall Admission – Apply between
- **October 1 and April 15**
- For Winter Admission – Apply between
- **October 1 and November 30**



Transfer Credits

- Submit official transcripts and course syllabus to the Registrar's office (OM 1155) if you are requesting transfer credit
- You may look online to the [BC Transfer Guide](#) to see if the courses you have completed transfer to TRU



Admission Requirements

1st Year Entry

1. High School Graduation or Mature Student Status
2. Math 12 or Math 0600/0610 with a C+ or better
3. English Requirement (one of the following)
 - I. 73% on the combined English 12 and Government exam (within the last 5 years) or
 - II. Level 4, on the LPI (www.lpitest.ca) or
 - III. Completion of ENGL 0600, or ESAL 0570 and 0580 with a C+ or better
 - IV. TOEFL score 230+ or IELTS 6.5+



Need to Upgrade your Courses?

- TRU offers University Preparation courses for Math, English, and the Sciences
- For more information on courses and course descriptions, go to the UPrep [website](#)
- Also refer to the [Step One and Step Two](#) tutorials for specifics on becoming a new student at TRU



Admission Requirements

3rd/4th Year Entry

To be considered for admission to the BCS Degree Program at the 3rd/4th year level, students must have completed all first and second year course requirements. Course deficiencies must be covered prior to admittance to third year. This can be done through a number of mechanisms including:

- Completion of missing courses during the first year
- [PLAR](#) Demonstration of desired outcomes via Prior Learning Assessment and Recognition
- Course challenge



BCS Program Advisor

- Applicants are required to meet with the BCS Program Advisor in order to create a program that outlines the courses needed for graduation
- Dr. Mahnhoon Lee
 - Office: HL 424
 - Phone: (250) 377-6022
 - Email: mlee@tru.ca
- Include TRU Student Number in all correspondence



Course Selection and Individual Plan

- Make note of pre-requisites – You may need to do a combination of 1st Year and University Preparation
- Think about which core and elective courses you will do first
- If you have transfer credit check to see if it transfers to TRU www.bctransferguide.ca
- Make application for transfer credit at Registrar's Office OM 1155



Lower Division Requirements

8 Computing Science required courses (21 credits)

COMP 1130

COMP 1230

COMP 1380

COMP 1390

COMP 2130

COMP 2230

COMP 2210

COMP 2680

2 English courses (6 credits)

ENGL 1100 and one of ENGL 1290 or 2290 (or equivalents) or
ENGL 1810 and ENGL 1930 (or equivalents)

3 Non-Computing Science Elective courses (9 credits)

1 Non-Science Elective course (3 credits)

2 Unspecified Lower Level (1st/2nd year) courses



Graduation Requirements

- Students must complete at least 120 credits.
 - Admission from high school requires that 50% of course load (60 credits) must be obtained at TRU.
 - Admission at the 3rd or 4th year level, 25% of course load must be obtained at TRU
- Student must maintain a minimum cumulative GPA of at least 2.0 on the courses taken at TRU
(USE THE [GPA CALCULATOR](#) to calculate your GPA)
- At least six upper level COMP courses must be completed at TRU.

Refer to Student Academic Policies, Regulations and Procedures [Website](#) for 'Satisfactory Academic Progress'



Co-Operative Education

Co-op is a program option available to BCS Students

- Assists students with career exploration
- Paid Work terms – 12 to 16 weeks each
- Enables students to establish business contacts for after graduation while employed in Co-op
- Look at the [Cooperative Education](#) website for more information and deadline dates for this program



Co-operative Education Option

Entry into BCS prior to third year: 3 work terms required

	Sept - Dec	Jan – Apr	May – Aug
Year 1	Academic Semester 1	Academic Semester 2	
Year 2	Academic Semester 3	Academic Semester 4	Co-op Work Term 1
Year 3	Academic Semester 5	Co-op Work Term 2	Co-op Work Term 3
Year 4	Academic Semester 6	Academic Semester 7	Optional Work Term
Year 5	Optional Work Term	Academic Semester 8	GRAD



Co-operative Education Option

Third year entry into BCS: 2 work terms required

	Sept - Dec	Jan – Apr	May - Aug
Pre-BCS	Conditionally Admitted to BCS	Optional Co-op Work Term	Optional Co-op Work Term
Year 3	Academic Semester 1	Co-op work Term 1	Co-op work Term 2
Year 4	Academic Semester 2	Academic Semester 3	Optional Co-op Work Term
Year 5	Optional Co-op Work Term	Academic Semester 4	GRAD



Specializations in BCS

	Required Courses
Database Information Systems	COMP 3540, COMP 3610, and 3 out of COMP 4610, COMP 4620, COMP 4910, COMP 4480 and RESL 3000/4000
Network Computing	COMP 3270, COMP 3410, and 3 out of COMP 3260, COMP 4250, COMP 4910, COMP 4480 and RESL 3000/4000
Software Engineering	COMP 3520, COMP 4530, COMP 4910, and 2 out of COMP 3140, COMP 3050, COMP 4480 and RESL 3000/4000



Double Degree – BCS and BBA

- Students must meet requirements of both programs
- Many core and elective courses can be “double counted” which means they can be used in both programs
- Through careful course selection, it is possible to complete these two degrees in just five years.
- Admission requirements are the same for the Joint Degree as for the BBA degree
- Students must consult with both the [BCS](#) and [SoBE Educational](#) Advisors
- Go to TRU [Calendar](#) for details for courses



School of Business and Economics

- Students must consult with the [SoBEAdvisor](#) for course approval
- Refer to [Bachelor of Business](#) website
- Include TRU Student Number in all correspondence



Planning your courses

- Download a copy of the BCS Advising forms:
 - [B. of Computing Science Advising Handout](#)
 - [Direct Entry - High School Graduate, or from a Post Secondary Institute](#)
 - [Entry from the CSOM Program](#)
 - [Joint Degree](#) – BCS and BBA



Schedule of Events

Preview: [Schedule of Events](#)

- If course load becomes too heavy, withdraw by “[last day to withdraw from a semester course](#)”
- If course is too difficult, change to audit by “[last day to change from credit to audit](#)”
- If you need to withdraw the whole semester, withdraw by “[last day to withdraw semester program](#)”
- Consult with your program advisor to discuss any difficulties



Good luck with your University studies

