


**Double Undergraduate  
Degree in  
Microbiology  
and  
Bachelor of Science  
(Bsc) Major Cellular,  
Molecular and  
Microbial Biology**



Universitat Autònoma  
de Barcelona



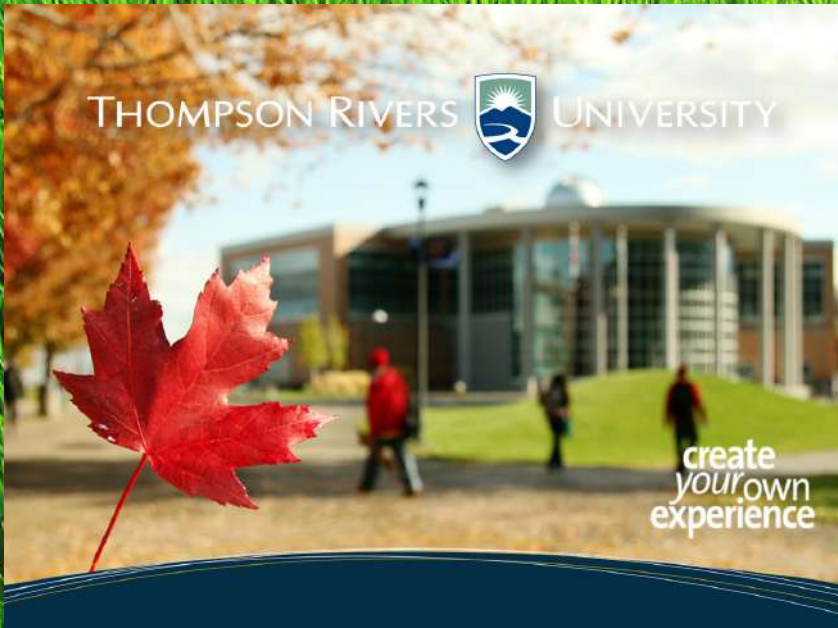
THOMPSON RIVERS  
UNIVERSITY

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- Què és?
  - Com es realitza? Quina estructura té ? Quantes places?
    - Quin és el cost i els ajuts de finançament?
      - Quin és el pla d'estudis detallat?
        - Informació sobre la TRU
    - Quins requisits són necessaris per sol·licitar-ho?
      - Quins són els criteris de selecció?
  - Procediment i calendari del procés de sol·licitud i de selecció

- Què és?



## Grau en Microbiologia



## Bachelor of Science, Major in Cellular, Molecular and Microbial Biology

- Com es realitza? Quina estructura té ? Quantes places?
  - Quin és el cost i els ajuts de finançament?



2 PLACES PER CURS

240 ECTS en 4 ANYS

A LA UAB:

Primer curs

Segon curs

Tercer curs (1r semestre)

Quart curs (2n semestre)

inclòs el TFG (6 ECTS)

A LA TRU:

Tercer curs (2n semestre)

Quart curs (1r semestre)

inclòs el pràcticum 12 ECTS

La matrícula sempre es realitza a la UAB

L'únic pagament a la TRU són les taxes d'expedició del Títol

- **Quin és el pla d'estudis detallat?**

ECTS	UAB Code	Course	tru credits	TRU Code	Course	
SEMESTRE 1,2,3,4,5 (150 ECTS) 30 ECTS BY EACH SEMESTRE	6	101023	Chemistry	3	CHEM1520	Principles of Chemistry
	6	100999	Biochemistry	3	BIOL3130	Introductory Biochemistry
	9	100990	Cell Biology and Animal Histology	3	BIOL1110	Principles of Biology 1
	6	100991	Animal Biology	3	BIOL2130	Cell Biology
	3	100980	Integrated Laboratory I	3	BIOL2290	Evolution of Animal Body Plans
				3	BIOL3520	Cell physiology
	6	101001	Mathematics	5	MATH1150	Calculus for Biological Sciences 1
	6	101025	Microbiology	3	BIOL2160	Introduction to Microbiology
	9	100989	Plant Biology	3	BIOL1210	Principles of Biology 2
	6	100984	Genetics	3	BIOL3510	Plant physiology
	3	100979	Integrated Laboratory II	3	BIOL2280	Evolution and Ecology of Land Plants
				3	BIOL2340	Introduction to Genetics
	6	100998	Instrumental Techniques	3	BIOL4150	Biochemical Techniques 1
	6	100986	Molecular Biology of Eukaryotes	3	BIOL3350	Molecular Genetics
	6	101019	Microbe Physiology and Metabolism	3	BIOL4210	Microbial Physiology
	6	101008	Immunology	3	BIOL3200	Immunology
	3	101024	Protistology(*)	1,5	other or CMMB or Upper electives (**)	
	6	101020	Microbe Ecology	3	BIOL3210	Microbial Ecology
	6	101002	Virology(*)	3	other or CMMB or Upper electives (**)	
	3	101027	Prokaryotic Diversity(*)	1,5	other or CMMB or Upper electives (**)	
	6	101000	Bioinformatics	3	BIOL3010	Bioinformatics
	6	100988	Ecology	3	BIOL2170	Introduction to Ecology
	3	100977	Integrated Laboratory IV	3	BIOL4480	(&) Project/Directed Study
	3	100978	Integrated Laboratory III	3	BIOL4110	Advanced Microbiology Laboratory
	3	100976	Integrated Laboratory V			
	6	101026	Mycology(*)	3	other or CMMB or Upper electives (**)	
	6	100985	Molecular Biology of Prokaryotes	3	BIOL4350	Regulation of gene expression
6	101005	Food Microbiology(*)	3	other or CMMB or Upper electives (**)		
6	101006	Clinical Microbiology(*)	3	other or CMMB or Upper electives (**)		
3	101022	Bioreactors(*)	1,5	other or CMMB or Upper electives (**)		

Semester 6 and 7 (Courses that must be done at TRU)	30	30 ECTS credits in courses offered by TRU. The TRU faculty advisor will work with the student and the UAB faculty advisor on choosing appropriate courses from the selection offered in the semesters he/she will be here		15	15 TRU credits in appropriate courses from the selection offered by TRU in the semesters he/she will be here	
	6	100981	Genetic Engineering of Microorganisms	3	BIOL4250	Biochemical Techniques 2 (DNA recombinant)
	12	Languages (transfer credits)		9	Non-science elective	
	12	100795	External Practicum	6	(&) Project/Directed studies (BIOL4480)	

Semestre 8	6	101015	Environmental Microbiology(*)	3	other or CMMB or Upper electives (**)	
	6	101014	Industrial Microbiology(*)	3	other or CMMB or Upper electives (**)	
	6	101021	Biosafety and Regulations(*)	3	other or CMMB or Upper electives (**)	
	3	101011	Epidemiology of Infectious Diseases(*)	1,5	other or CMMB or Upper electives (**)	
	6	100987	Bachelor's Degree Final Project	3	(&) Project/Directed studies (BIOL4480)	

240


(&) This subject is taken twice by students from UAB coming to TRU because of the difference of credits

(\*)Contents indicated are not taught at TRU, therefore must be completed at UAB by students from UAB at a moment different from the exchange, and at UAB during the exchange for students from TRU

(\*\*)Upper electives maximum 9 TRU credits, Others electives maximum 3 Tru credits, and CMMB maximum 6 ECTS

- **Informació sobre la TRU**

# Kamloops



A map of North America with a green tint. The word 'CANADA' is written in the northern part and 'USA' in the southern part. A red location pin is placed in the Pacific Northwest region of Canada, labeled 'KAMLOOPS'. Other cities are marked with blue dots: Vancouver, Seattle, Los Angeles, Montreal, Toronto, New York, and Washington. A thin white line connects Kamloops to Vancouver.

- About 350 km northeast of Vancouver (45 minutes by plane or 3.5 hours by car)
- Connecting flights to Vancouver and Calgary
- Modern, friendly city of over 88,000 people

- **Informació sobre la TRU**

- Founded in 1970, public, degree-granting university
- 13,000 Canadian students,, and over 1,700 international
- 220 exchange agreements through ISEP and 28 bilateral agreements for student exchange
- Accredited by the Government of British Columbia, Canada
- Member of CIS, AUCC, ACCC, CBIE, CECN and other professional and academic organizations
- Recognized worldwide as an accredited Canadian post-secondary institution



- **Informació sobre la TRU**

## TRU Campus & Facilities

- Modern 230-acre campus
- Campus in the centre of the city
- Complete range of facilities
- Computer and Language Labs
- Library and Study Centre
- Cafeterias, student lounges, and shops
- Stadium and aquatic centre
- Gymnasium and theatre
- Two on-campus residences
- City bus service to and from campus
- Development of new library: The House of Learning





- **Informació sobre la TRU**

# Faculty of Science

## Graduate Studies

- Master of Science in Environmental Science

## Degrees

- Bachelor of Computing Science
- Bachelor of Computing Science & Business Administration Double Degree
- Bachelor of Natural Resource Science
- Bachelor of Health Science
- Bachelor of Technology Management
- Associate of Science
- Forestry Transfer (1<sup>st</sup> & 2<sup>nd</sup> year)
- Engineering Transfer (1<sup>st</sup> year)

## Degrees

- Bachelor of Science

## Majors:

- General Science
- Animal Biology
- Chemistry
- Chemical Biology
- Cellular, Molecular, & Microbial Biology
- Conservation Biology
- Ecology & Environmental Biology
- Environmental Chemistry
- Computing Science
- Mathematics
- Mathematical Sciences
- Physics
- Plant Biology
- Statistics

## Minor

- Geoarcheology Mgmt

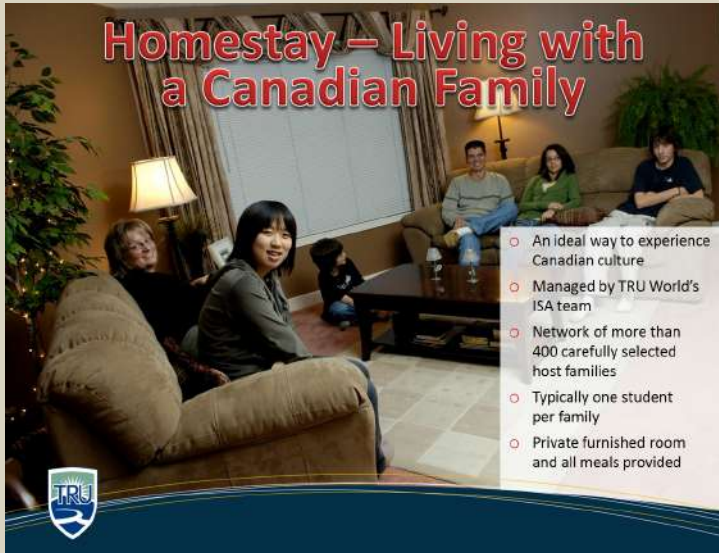
## Certificate

- Information Technology




# Allotjament

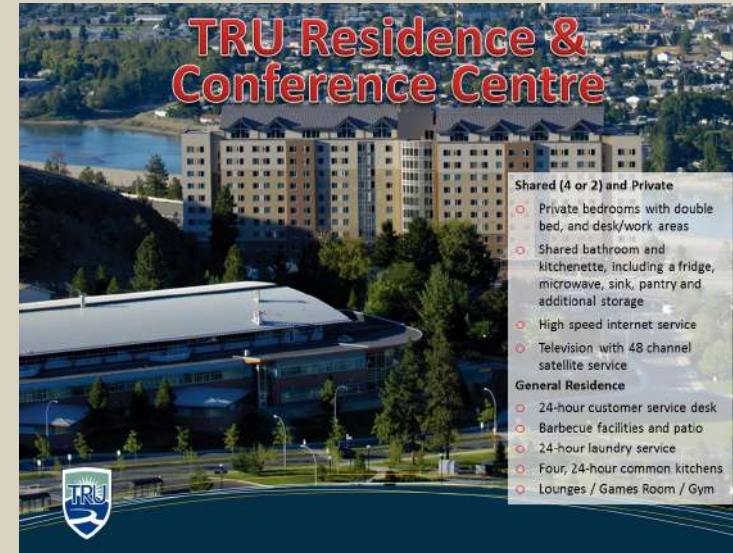
## Homestay – Living with a Canadian Family




- An ideal way to experience Canadian culture
- Managed by TRU World's ISA team
- Network of more than 400 carefully selected host families
- Typically one student per family
- Private furnished room and all meals provided



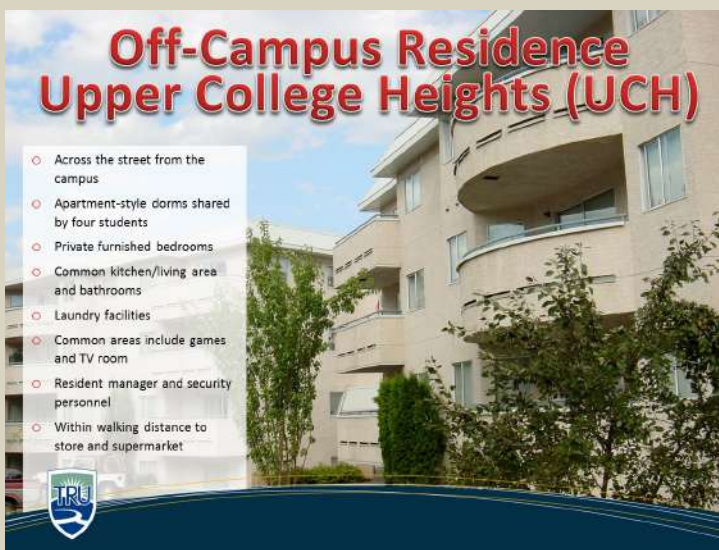
## TRU Residence & Conference Centre




- Shared (4 or 2) and Private**
  - Private bedrooms with double bed, and desk/work areas
  - Shared bathroom and kitchenette, including a fridge, microwave, sink, pantry and additional storage
  - High speed internet service
  - Television with 48 channel satellite service
- General Residence**
  - 24-hour customer service desk
  - Barbecue facilities and patio
  - 24-hour laundry service
  - Four, 24-hour common kitchens
  - Lounges / Games Room / Gym



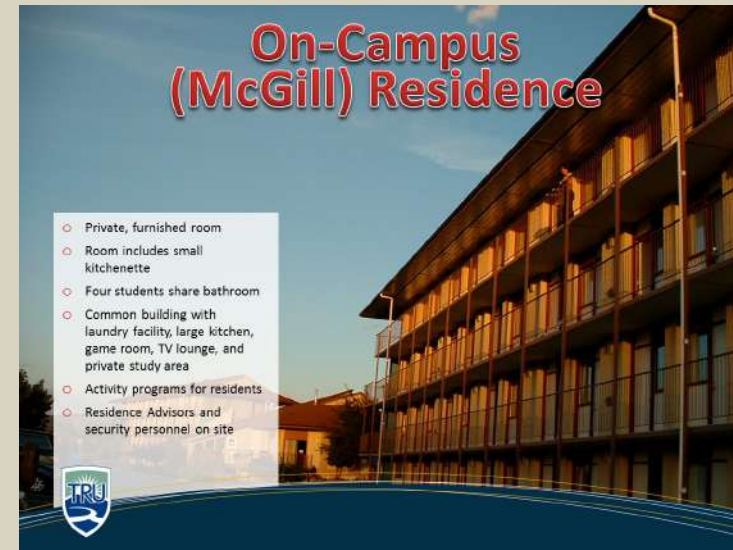
## Off-Campus Residence Upper College Heights (UCH)




- Across the street from the campus
- Apartment-style dorms shared by four students
- Private furnished bedrooms
- Common kitchen/living area and bathrooms
- Laundry facilities
- Common areas include games and TV room
- Resident manager and security personnel
- Within walking distance to store and supermarket



## On-Campus (McGill) Residence



- Private, furnished room
- Room includes small kitchenette
- Four students share bathroom
- Common building with laundry facility, large kitchen, game room, TV lounge, and private study area
- Activity programs for residents
- Residence Advisors and security personnel on site



- **Informació sobre la TRU**

# International Student Academic Advising

Three designated International Student Academic Advisors, additional Faculty Advisors in Tourism, Arts, and Sciences.

## Enhanced Services

- Pre-arrival academic course planning (email and web) — it is important to have the email address for each student
- Mandatory individual advising and course schedule planning
- Preferred access into academic courses — reserved seats
- Monitoring of academic success
- Academic success guidance and workshops



- Informació sobre la TRU

# International Student Activity Program (ISAP)



- An excellent way to meet Canadian students, attend campus events
- Many activities in the city and region
- Reduced cost for activities and event admission
- Three program facilitators
- Student Advisory Committee selects and helps plan activities
- Bi-monthly ISAP newsletter
- Activity program website



- Quins requisits són necessaris per sol·licitar-ho?
- Quins són els criteris de selecció?

#### REQUISITS:

- Tenir tots els crèdits de primer aprovats
- Nivell d'anglès C1 (B2 amb una nota alta)

#### CRITERIS DE SELECCIÓ:

- Expedient acadèmic
- anglès: B2 (1 pt.), C1 (1,5 pt.), C2 (2 pt.)
- *Curriculum vitae*
- Carta de motivació
- Entrevista (Pre-seleccionats)

- **Procediment i calendari del procés de sol·licitud i de selecció**

- SOL·LICITUD (del 6 al 14 de maig)  
Lliurar la documentació a Gestió Acadèmica
  - *Curriculum vitae*
  - Certificat d'idioma
  - Expedient acadèmic
  - Carta de Motivació
- PUBLICACIÓ LLISTAT PROVISIONAL DE PRE-SELECCIONATS (17 de maig)
- PERIODE DE RECLAMACIONS (del 20 al 22 de maig)
- PUBLICACIÓ DEFINITIVA DELS PRE-SELECCIONATS (24 de maig)
- ENTREVISTES (del 27 al 30 de maig)
- PUBLICACIÓ DELS SELECCIONATS (3 de juny)

**Quí s'anima?**

