THOMPSON RIVERS UNIVERSITY

Academic Advising
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Name/TRU ID#: _____

BACHELOR OF ARTS
(ECONOMICS & MATH Major)
Checklist

BACHELOR OF ARTS DEGREE REQUIREMENTS

First-Year English Requirement

Min. 6 credits of any two of the following English at the 1000 level: ENGL 1100, 1110, 1120, 1140, 1210

Scientific and Formal Reasoning Requirement (SFR)

Min. 9 credits in any of the following:

Archaeology:	ARCH 1110, 2010
Computing Science:	COMP
Mathematics:	MATH
Philosophy:	PHIL 2220, 2400
Physical Geography:	GEOG 1000, 2020, 2050, 2700, 2750
Science:	ASTR, BIOL, CHEM, FRST, GEOL, NRSC, PHYS, AGSC
Statistics:	One of STAT 1200, STAT 2000, BIOL 3000, ECON 2320, or PSYC 2100

The following sections CANNOT include the courses used for English and Scientific/Formal Reasoning above. Courses may be used in multiple sections (e.g. SPAN 1110: Breadth, Distribution, and Second Language)

Breadth Requirement

Min. of **one 1000/2000** level courses from at least **four different** Arts disciplines (12 credits min):

Anthropology, Archaeology, Chinese, Communications, Creative Writing, Economics, English, Film, First Nations Language, First Nations Studies, French, Geography, German, History, Indigenous Studies, Japanese, Journalism, Linguistics, Mathematics, Music, Philosophy, Political Studies, Psychology, Sociology, Spanish, Speech, Theatre, Visual Arts

Distribution Requirement

Min. of **one 1000/2000** level course from at least **two** of the following categories (6 credits min):

Humanities: Chinese, Communications, English Literature, First Nations Language, First Nations Studies, French, German, History, Japanese, Journalism, Linguistics, Modern Languages, Philosophy, Spanish, Speech

Social Sciences: Anthropology, Archaeology, Economics, Geography, Indigenous Studies, Political Studies, Psychology, Sociology

Creative & Performing Arts: Creative Writing, Film, Visual Arts, Music, Theatre

Second Language Requirement (replace with electives if transcript shows Grade 12 language other than English)

6 credits of post-secondary language other than English (or electives)

Writing Intensive Requirement

6 credits of designated 1000/2000 Writing Intensive courses (see Writing Intensive list in Academic Calendar)

6 credits of designated 3000/4000 Writing Intensive courses (see Writing Intensive list in Academic Calendar)

Outside Arts and Science (max 12 credits if taken, NOT required)

*NEW Institutional Learning Outcomes (ILO) Requirements – your Degree Works Program Plan is available through myTRU

Bachelor Of Arts Degree – ECONOMICS & MATHEMATICS MAJOR Checklist (120 credits)

1000-level or higher (max 42 credits)	COURSE	GRADE	2000/3000/4000 level (30 credits)	COURSE	GRADE	3000/4000 level (min. 48 credits)	COURSE	GRADE
ENGL 1000 level			ECON 2900 – Intermediate Microeconomics 1			**3000/4000 Level ECON & MATH Courses (30 credits)**		
ENGL 1000 level			ECON 2950 – Intermediate Macroeconomics 1			ECON 3200 – Intro to Mathematical Economics		
MATH 1140 (SFR)			ECON 2320 or STAT 2000			ECON 3900 – Intermediate Microeconomics 2		
MATH 1240 (SFR)			MATH 2110 – Calculus 3			ECON 3950 – Intermediate Macroeconomics 2		
MATH 1220 or 1700 (SFR)			MATH 2120 – Linear Algebra 1			ECON 4320 – Econometrics		
2nd Language or Elective			MATH 2240 – Differential Equations			ECON 4330 – Forecasting in Business & Econ.		
2nd Language or Elective			MATH 2700 – Discrete Mathematics 2			**STREAM OPTIONS (Select ONE Stream below)**		
ECON 1900 – Principles of Microeconomics			Minor or Elective *			**MATHEMATICS STREAM (15 credits)**		
ECON 1950 – Principles of Macroeconomics			Minor or Elective *			STAT 3060 – Applied Regression Analysis		
Elective or Minor *			Elective			MATH 3160 – Differential Equations		
Elective or Minor *			**3000/4000 level Electives (18 credits)**			MATH 3400 – Intro to Linear Programming		
Elective			Elective (3000/4000 level)			MATH 4410 – Modeling of Discrete Optimization		
Elective			Elective (3000/4000 level)			3000/4000 level Math elective		
Elective			Elective (3000/4000 level)			**STATISTICS STREAM (15 credits)**		
			Elective (3000/4000 level)			MATH 3020 – Intro to Probability		
			Elective (3000/4000 level)			STAT 3060 – Applied Regression Analysis		
			Elective (3000/4000 level)			MATH 3030 – Intro to Stochastic Processes **		

* MINORS are optional.
Please refer to the [Academic Calendar](#) for Minor requirements.
** Students who choose not to take MATH 3030 must take 9 credits of upper-level STAT electives.
Refer to the [Academic Calendar](#) and consult your Arts Program Advisors for course requirements.

Arts Program Advisors
Please contact the Arts Program Advisors (at ArtsAdvising@tru.ca) for assistance with course planning.

	COURSE	GRADE
3000/4000 Statistics elective		
3000/4000 Statistics elective		
GENERAL STREAM (15 credits)		
STAT 3060 – Applied Regression Analysis		
Math/Stats elective: Choose 3 of MATH 3020, 3030, 3160, 3400, 4410, STAT 3050 or 4040		
3000/4000 Math or Stats elective		

BACHELOR OF ARTS (ECONOMICS & MATH MAJOR) GRADUATION REQUIREMENTS

1. Students may complete up to a Maximum of 42 credits at the 1000 level.
2. Students must complete a Minimum of 48 credits at 3000/4000 level
3. Requires the completion of at least 66 credits in economics and math/statistics, of which a minimum of 30 credits must be at the 3000/4000 level.
4. Students must complete a minimum of 15 credits in 3000/4000 level ECON
5. Students must complete a minimum of 15 credits in 3000/4000 level MATH and/or STAT
6. **Institutional Learning Outcomes (ILOs) may be required to graduate.** Refer to the [Degree Works website](#) for more information.

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 work load.
Resources: More about the program requirements in the [Academic Calendar](#). More about course prerequisites, co-requisites and course times in the [Course Schedule](#).

ARTS AND SCIENCE ELECTIVES

SECOND LANGUAGE	SCIENTIFIC & FORMAL REASONING	LIST A HUMANITIES	LIST B SOCIAL SCIENCES	LIST C CREATIVE/ PERFORMING ARTS
Chinese (CHIN) First Nation (FNLG) French (FRAN) German (GERM) Japanese (JAPA) Modern Languages (MLAN) Spanish (SPAN)	Agricultural Science (AGSC) Archaeology (ARCH) - 1110, 2010 Astronomy (ASTR) – All Biology (BIOL) – All Chemistry (CHEM) – All Computing (COMP) – All Forestry (FRST) – All Physical Geography (GEOG) – 1000, 2020, 2050, 2700, 2750 Geology (GEOL) – All Mathematics (MATH) – All Natural Resource Science (NRSC) – All Physics (PHYS) – All Statistics (STAT) – All	Communications (CMNS) English (ENGL) First Nations Studies (FNST) History (HIST) Linguistics (LING) Journalism (JOUR) Modern Languages (MLAN) Philosophy (PHIL) Speech (SPEE)	Anthropology (ANTH) Archaeology (ARCH) Economics (ECON) Geography (GEOG) Indigenous Studies (INDG) Political Studies (POLI) Psychology (PSYC) Sociology (SOCI)	Creative Writing (CRWR) Film (FILM) Music (MUSI) Theatre (THTR) Visual Arts (VISA)

OTHER ELECTIVES

Up to 12 credits of electives outside of Arts and Science are permitted in the Bachelor of Arts. e.g., Business, Tourism, Social Work, Physical Education, etc. Please check with an Academic Advisor if you would like to take an elective not listed above.

KEEP IN MIND

Institutional Learning Outcomes (ILOs):
May be required for your program. Using the **Degree Works** planning tool will help you identify which courses apply.

Degree Works Planning Tool:
More information is available through the [Degree Works website](#).