

Name/TRU ID#: _____

GUIDELINES FOR BACHELOR OF ARTS (ECONOMICS & MATH Major)

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, 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, Creative Writing, English Literature, First Nations Language, 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)

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

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

1000-level or higher (max 42 credits)			2000/3000/4000 level (30 credits)			3000/4000 level (min. 48 credits)		
	COURSE	GRADE		COURSE	GRADE		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	_____	_____
2 nd Language or Elective	_____	_____	MATH 2240 – Differential Equations	_____	_____	ECON 4330 – Forecasting in Business & Econ.	_____	_____
2 nd Language or Elective	_____	_____	MATH 2700 – Discrete Mathematics 2	_____	_____	STREAM OPTIONS (Select <u>ONE</u> Stream below)		
ECON 1900 –Principles of Microeconomics	_____	_____	Minor or Elective *	_____	_____	MATHEMATICS STREAM (15 credits)		
ECON 1950 –Principles of Macroeconomics	_____	_____	Minor or Elective *	_____	_____	STATISTICS STREAM (15 credits)		
Elective or Minor *	_____	_____	Elective	_____	_____	STAT 3060 – Applied Regression Analysis	_____	_____
Elective or Minor *	_____	_____	Arts Program Advisors Please contact the Arts Program Advisors (at ArtsAdvising@tru.ca) for assistance with your course planning after 54 credits.			MATH 3160 – Differential Equations	_____	_____
Elective	_____	_____				MATH 3400 – Intro to Linear Programming	_____	_____
Elective	_____	_____				MATH 4410 – Modeling of Discrete Optimization	_____	_____
Elective	_____	_____				3000/4000 level Math elective	_____	_____
Elective	_____	_____				3000/4000 level Math elective	_____	_____
NOTES: * 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 upper-level course requirements.						GENERAL STREAM (15 credits)		
						MATH 3020 – Intro to Probability	_____	_____
						STAT 3060 – Applied Regression Analysis	_____	_____
						MATH 3030 – Intro to Stochastic Processes **	_____	_____
						3000/4000 Statistics 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.						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	_____	_____

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) Creative Writing (CRWR) English (ENGL) 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](#).