

## GUIDELINES FOR BACHELOR OF ARTS (MATH)

### BA DEGREE LOWER-LEVEL GRADUATION REQUIREMENTS

#### First-Year English Requirement

Min. 6 credits of English at the 1000 level: <b>ENGL 1100 and 1110 or 1210</b>	

#### Scientific and Formal Reasoning Requirement (SFR)

Min. 9 credits in any of the following: <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 20%;">Archaeology:</td> <td>ARCH 1110, 2010</td> </tr> <tr> <td>Computing Science:</td> <td>COMP</td> </tr> <tr> <td>Mathematics:</td> <td>MATH</td> </tr> <tr> <td>Philosophy:</td> <td>PHIL 2220, 2400</td> </tr> <tr> <td>Physical Geography:</td> <td>GEOG 1000, 2020, 2050, 2700, 2750</td> </tr> <tr> <td>Science:</td> <td>ASTR, BIOL, CHEM, FRST, GEOL, NRSC, PHYS, AGSC</td> </tr> <tr> <td>Statistics:</td> <td>One of STAT 1200, STAT 2000, BIOL 3000, ECON 2320, or PSYC 2100</td> </tr> </table>	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	
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 <b>one 1000/2000</b> level courses from at least <b>four different</b> Arts disciplines (12 credits min): <p style="margin-top: 10px; font-size: small;">Anthropology, Archaeology, Chinese, Communications, Economics, English, Film, First Nations Language, French, Geography, German, History, Japanese, Journalism, Linguistics, Mathematics, Music, Philosophy, Political Studies, Psychology, Sociology, Spanish, Speech, Theatre, Visual Arts</p>	

#### Distribution Requirement

Min. of <b>one 1000/2000</b> level course from at least <b>two</b> of the following categories (6 credits min): <p style="margin-top: 10px; font-size: small;"><b>Humanities:</b> Chinese, Communications, English Literature, First Nations Language, French, German, History, Japanese, Journalism, Linguistics, Modern Languages, Philosophy, Spanish, Speech</p> <p style="margin-top: 5px; font-size: small;"><b>Social Sciences:</b> Anthropology, Archaeology, Economics, Geography, Political Studies, Psychology, Sociology</p> <p style="margin-top: 5px; font-size: small;"><b>Creative &amp; Performing Arts:</b> Creative Writing, Film, Visual Arts, Music, Theatre</p>	

#### 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)	

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

--	--	--	--

**\*NEW** Institutional Learning Outcomes (ILO) Requirements – see page 3

## GRADUATION REQUIREMENTS

- ❖ MINIMUM 120 credits required
- ❖ MAXIMUM of 42 credits at the 1000 level
- ❖ MINIMUM of 48 credits at 3000-4000 level
- ❖ MAXIMUM of 12 credits may be taken outside of Arts and Science (exceptions for Business minors)

## BACHELOR OF ARTS - MATHEMATICS CHECKSHEET (120 credits)

All BA Requirements from Page 1 must be included this CHECKSHEET

1000-level (max 42 credits) or higher			2000/3000/4000 level (30 credits)			3000/4000 level (min. 48 credits)			
	COURSE	GRADE		COURSE	GRADE		COURSE	GRADE	
ENGL 1100			MATH 2110			MATH 3000/4000 level			M A J O R
ENGL 1110 or 1210			MATH 2120			MATH 3000/4000 level			
MATH 1140 (SFR)			MATH 2200			MATH 3000/4000 level			
MATH 1240 (SFR)			MATH 2700			MATH 3000/4000 level			
MATH 1700 (SFR)			ENGL 2000 level			MATH 3000/4000 level			
2 <sup>nd</sup> Language or Elective			STAT 2000			MATH 3000/4000 level			
2 <sup>nd</sup> Language or Elective			Minor or Elective*			MATH 3000/4000 level			
COMP 1130			Minor or Elective*			MATH 3000/4000 level			
COMP 1230**			Elective			MATH 3000/4000 level			
Minor or Elective*			Elective			MATH 3000/4000 level			
Minor or Elective*			*Minors are optional			Minor or Elective			M I N O R
Elective						Minor or Elective			
Elective			*Some minors may require more or less 1000/2000 level electives. Please refer to the Academic Calendar for Minor Requirements.			Minor or Elective			
Elective						Minor or Elective			
**Required for further studies in COMP						Minor or Elective			
See Academic Calendar and Program Advisors for upper-level MATH requirements.						Minor or 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 at [tru.ca/current/enrolment-services/calendar.html](http://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](http://tru.ca/current/enrolment-services/course-schedule.html)

## INSTITUTIONAL LEARNING OUTCOMES

To graduate from a TRU Bachelor degree, students may be required to satisfy 8 Institutional Learning Outcomes (ILO's) plus a Capstone course (27 credits).

To find out if these requirements apply to you, please refer to DegreeWorks (available through [myTRU](#)) or contact your Program Advisor for more information.

If you are required to satisfy the ILO's, you must have courses that meet the following requirements:

- 1 course for each of the eight Institutional Learning Outcomes
- Of those 8 courses, a minimum of 4 (1 in each theme) must be outside the discipline.
- Of those 8 courses, one must also be designated as high impact.
- You must also complete the Capstone course in the final 30 credits of your study.

Theme	Institutional Learning Outcome	Course	Inside or Outside?	High Impact?
Connection	Communication			
	Teamwork			
Engagement	Lifelong Learning			
	Social Responsibility			
Exploration	Knowledge			
	Critical Thinking			
Local-to-Global	Indigenous Knowledges & Ways			
	Intercultural Awareness			
	Capstone			

### How do I search for an ILO course?

Visit the [course schedule](#) and select a term. On the following screen, click the Attribute box and select an ILO.