

## GUIDELINES FOR BACHELOR OF ARTS (MATH)

### BA DEGREE LOWER-LEVEL GRADUATION 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	
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#### 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	
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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>	
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#### 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>	
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#### 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)	
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#### Writing Intensive Requirement

6 credits of designated 1000/2000 Writing Intensive courses (see Writing Intensive list in Academic Calendar)	
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#### Outside Arts and Science (max 12 credits if taken, NOT required)

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## 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  *Some minors may require more or less 1000/2000 level electives. Please refer to the Academic Calendar for Minor Requirements.				Minor or Elective		M I N O R	
	Elective							Minor or Elective		
	Elective							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)