



Name:

TRU ID#:

Date:

Bachelor of Arts Degree – MATHEMATICS MAJOR Checklist (120 credits)

1000-4000 level MAJOR and ELECTIVE courses (90 credits)				3000/4000 level MAJOR Courses (30 credits)			
COURSE	GRADE	COURSE	GRADE	COURSE	GRADE		
ENGLISH REQUIREMENT (3 credits)		Electives - 1000-4000 level (27 credits)		3000/4000 level MATH (21 credits)			
ENGL 1100 – Introduction to University Writing		Elective: COMP 1230 recommended**		MATH 3070 or 3220			
BREADTH REQUIREMENTS -1000-4000 level (27 credits) (max 9 credits from any given discipline may be used)		Elective		MATH 3000 or 3200			
		Elective		MATH 3000/4000 level			
SFR (Major) MATH 1140 – Calculus 1		Elective		MATH 3000/4000 level			
SFR (Major) MATH 1240 – Calculus 2		Elective		MATH 3000/4000 level			
SFR (Major) MATH 1220 or 1700		Elective		MATH 3000/4000 level			
Humanities: ENGL 1110 or 1210		Elective		MATH 3000/4000 level			
Humanities: ENGL 2000 level		Elective		3000/4000 level COMP, MATH, or STAT (9 credits) ****			
Humanities		Elective		COMP/MATH/STAT 3000/4000 level			
Social Sciences		Electives - 3000/4000 level (15 credits) Can fulfill breadth requirements		COMP/MATH/STAT 3000/4000 level			
Social Sciences				COMP/MATH/STAT 3000/4000 level			
Social Sciences		Elective 3000/4000 level		MATHEMATICS MAJOR GRADUATION REQUIREMENTS: <ul style="list-style-type: none"> A minimum of 120 credits are required. A minimum GPA of 2.0 is required for graduation. A minimum of 45 credits at the 3000/4000 level are required (maximum of 75 credits at the 1000/2000 level) A maximum of 30 credits may be taken outside of Arts and Science. Institutional Learning Outcomes (ILOs) are required. Refer to Degree Works in your myTRU portal for specific course requirements. <p>** COMP 1230 is required for further studies in Computing</p> <p>*** MATH 2200 can be delayed to 3rd year</p> <p>**** Maximum 6 credits of COMP towards this requirement. Students interested in 3000/4000-level COMP should complete: COMP 1130, 1230, 2130, & 2230.</p> <p>BA Honours in Math Requires completion of 126 credits and an overall GPA of 3.0 Requires all: MATH 3000, 3070, 3200, 3220, and 4950 (Thesis)</p>			
Additional 1000/2000 level MAJOR requirements (18 credits)		Elective 3000/4000 level					
COMP 1130 – Computer Programming 1		Elective 3000/4000 level					
MATH 2110 – Calculus 3		Elective 3000/4000 level					
MATH 2120 – Linear Algebra 1		Elective 3000/4000 level					
MATH 2200 – Introduction to Analysis ***		ELECTIVES: When choosing electives ensure to fulfill ILO requirements . Refer to Degree Works in your myTRU portal for specific course requirements. Also consider Minor(s) and interdisciplinary Certificates . For more information, please connect with ArtsAdvising@tru.ca and refer to the Academic Calendar .					
MATH 2700 – Discrete Mathematics 2							
STAT 2000 – Probability and Statistics							
NOTES:							

BACHELOR OF ARTS BREADTH REQUIREMENTS and ELECTIVES

(27 credits - Maximum 9 credits from any given discipline may be used to fulfill Breadth)

SCIENTIFIC & FORMAL REASONING (SFR) 9 credits

<p>AGSC (Agricultural Science) – All ARCH (Archaeology) - 1110, 2010 ASTR (Astronomy) – All BIOL (Biology) – All CHEM (Chemistry) – All COMP (Computing) – All ECON (Economics) – 2320, 2330/2331, 3330 FIRE (Wildfire Science Cert.) – 1000, 1010, 1020 FRST (Forestry) – All GEOG (Physical Geography) – 1000, 2020, 2050, 2700, 2740, 2750, 3040, 3050, 3070, 3080, 3740, 3750, 4820</p>	<p>GEOL (Geology) – All MATH (Mathematics) – All NRSC (Natural Resource Science) – All PHIL (Philosophy) – 2220, 2400 PHYS (Physics) – All PSYC (Psychology) – 1110/1111, 2100/2101, 2110/2111, 2040, 2050, 2210, 2910, 3060, 3230, 3360, 3390, 3510, 3520, 3540, 3550, 3560, 3590, 3570, 3580, 3400, 3610, 4100, 4990 STAT (Statistics) – All</p>
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HUMANITIES (9 credits)

<p>CMNS (Communications) – All except CMNS 3000 CHIN (Chinese) – All CRWR (Creative Writing) – All ENGL (English) – All FILM (Film) – All FIRE (Wildfire Communications & Media Cert.) - 2410, 2420, 2430 FNLG (First Nation) – All including SECW (Secwepemctsin), STLG (St'át'imcets) and TSIL (Tsilhqot'in) courses FNST (First Nations Studies) – All FRAN (French) – All GEOG (Geography) – 2400, 3200, 4230 GERM (German) – All HIST (History) – All</p>	<p>JAPA (Japanese) – All JOUR (Journalism) – All LING (Linguistics)-All MUSI (Music) – All PHIL (Philosophy) – All except 2220 and 2400 POLI (Political Studies) – 1400, 2140, 3210, 3300, 3530, 4710 (cross- listed with History courses with same number) PSYC (Psychology) – 3240 SPAN (Spanish) – All SPEE (Speech)- All THTR (Theatre) – All VISA (Visual Arts) – All</p>
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SOCIAL SCIENCES (9 credits)

<p>ANTH (Anthropology) – All ARCH (Archaeology) – All except 1110 and 2010 CMNS (Communications) - 3000 CRIM (Criminology) - All ECON (Economics) – All except 2320, 2330/2331, 3330 ENST (Environmental Studies) – All ENVS (Environmental Studies) – 3991 FIRE (Sociodynamics of Wildfire Cert.) – 2100, 2110, 2120</p>	<p>GEOG (Geography) – All except those listed as SFR or Humanities above INDG (Indigenous Studies) - All POLI (Political Studies) – All except 1400, 2140, 3210, 3300, 3530, 4710 PSYC (Psychology) – all except those listed as SFR or Humanities above SOCI (Sociology) - All</p>
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BACHELOR OF ARTS LIMITATIONS

OUTSIDE ARTS AND SCIENCE (max 30 credits, allowed)

Up to 30 credits of academic 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 or Program Advisor if you would like to take an elective not listed above.

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COOP (up to 12 credits allowed)

SRCL – Service Learning (up to 6 credits allowed)

The following disciplines are NOT accepted in the Bachelor of Arts

AUTO, CARP, CFTL, COAP, COOK, CMTR, DRIV, EDCP, ELEI, ELEL, ELTE, ESAL, ESTR, GASF, GLAZ, HDCT, HORT, IIME, IMEC, INET, MEAT, MFAB, MLWT, MPET, PLUM, POWR, RCAR, RFAC, SAWF, SFPF, SHMT, SINC, TMPT, TROW, TTME, WELD, WKSK, WTTP