

BACHELOR OF ARTS MATHEMATICS



THOMAS MORE
UNIVERSITY

2021 – 2022 Degree Requirements Checklist

CORE CURRICULUM REQUIREMENTS*	CREDIT HOURS	MAJOR CORE REQUIREMENTS	CREDIT HOURS
FIRST YEAR SEMINAR	1	MATHEMATICS	43
<input type="checkbox"/> FYE 150, First Year Exploration		<input type="checkbox"/> MAT 151, Calculus Analytic Geometry I	
ENGLISH	6	<input type="checkbox"/> MAT 152, Calculus Analytic Geometry II	
<input type="checkbox"/> ENG 150, Literature, Writing and Research		<input type="checkbox"/> MAT 201, Calculus Analytic Geometry III	
<input type="checkbox"/> ENG 200+: _____		<input type="checkbox"/> MAT 202, Differential Equations	
MATHEMATICS	3	<input type="checkbox"/> MAT 231, Foundations of Mathematics	
<input checked="" type="checkbox"/> Fulfilled within the major requirements		<input type="checkbox"/> MAT 306, Abstract Algebra	
SOCIAL SCIENCE	6	<input type="checkbox"/> MAT 320, Linear Algebra	
<input type="checkbox"/> _____		<input type="checkbox"/> MAT 340, Probability and Statistics for Scientists	
<input type="checkbox"/> _____		<input type="checkbox"/> MAT 405, Mathematics Senior Seminar	
COMMUNICATION	3	<input type="checkbox"/> MAT 411, Advanced Calculus	
<input type="checkbox"/> _____		<input type="checkbox"/> MAT 406, Abstract Algebra –OR– MAT 421, Advanced Calculus II	
HISTORY	6	<input type="checkbox"/> 6 credit hours numbered MAT 206 or higher (excluding MAT 205 and MAT 208)	
<input type="checkbox"/> _____		COMPUTER INFORMATION SYSTEMS	6
<input type="checkbox"/> _____		<input type="checkbox"/> CIS 113, Computer Applications and Hardware	
FOREIGN LANGUAGE (two semesters in same language)	3-6	<input type="checkbox"/> CIS 114, Introduction to Programming	
<input type="checkbox"/> _____		–OR–	
<input type="checkbox"/> _____		<input type="checkbox"/> Satisfactory completion of a Bachelor of Science in Physics	
NATURAL SCIENCE	6-7	SCIENCE	6
<input checked="" type="checkbox"/> Fulfilled within the major requirements		<input type="checkbox"/> CHE 111, General Chemistry I	
<input checked="" type="checkbox"/> Fulfilled within the major requirements		<input type="checkbox"/> CHE 113, General Chemistry II	
PHILOSOPHY	6	–OR–	
<input type="checkbox"/> _____		<input type="checkbox"/> PHY 141, Introduction to Measurement I	
<input type="checkbox"/> _____		<input type="checkbox"/> PHY 142, Introduction to Measurement II	
FINE ARTS (Art, Music, Theatre or Creative Writing courses)	5-6	EXPERIENTIAL LEARNING	3
<input type="checkbox"/> _____		<input checked="" type="checkbox"/> MAT 405, Mathematics Senior Seminar *	
<input type="checkbox"/> _____		RECOMMENDED COURSES	
THEOLOGY	6	<input type="checkbox"/> CHE 111L, General Chemistry I Lab	
<input type="checkbox"/> Systematic Theology course: _____		<input type="checkbox"/> CHE 113L, General Chemistry II Lab	
<input type="checkbox"/> Sacred Scripture course: _____		<input type="checkbox"/> PHY 141L, Introduction to Measurement I Lab	
SENIOR THEOLOGY	3	<input type="checkbox"/> PHY 142L, Introduction to Measurement II Lab	
<input type="checkbox"/> _____		TOTAL HOURS OF MATHEMATICS CORE	55
TOTAL HOURS OF CORE REQUIREMENTS	56-61	TOTAL HOURS REQUIRED FOR ANY BACHELOR DEGREE	
		Students admitted during or after Fall 2017	120
		Students admitted prior to Fall 2017	128

*Please reference the 2022 Core column on the Schedule of Classes for core options

Please note: All Mathematics majors must have a “C” or better in any course or prerequisite within the major.