BACHELOR OF ARTS
MATHEMATICS

THOMAS MORE
UNIVERSITY

2022 – 2023 Degree Requirements Checklist

CORE CURRICULUM REQUIREMENTS*	CREDIT HOURS
FIRST YEAR SEMINAR	**1**
☐ FYE 150, First Year Exploration	
ENGLISH	**6**
☐ ENG 150, Literature, Writing and Research	
☐ ENG 200+: _____	
MATHEMATICS	**3**
☑ Fulfilled within the major requirements	
SOCIAL SCIENCE	**6**
☐ _____	
☐ _____	
COMMUNICATION	**3**
☐ _____	
HISTORY	**6**
☐ _____	
☐ _____	
FOREIGN LANGUAGE *(two semesters in same language)*	**3-6**
☐ _____	
☐ _____	
NATURAL SCIENCE	**6-7**
☑ Fulfilled within the major requirements	
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PHILOSOPHY	**6**
☐ _____	
☐ _____	
FINE ARTS *(Art, Music, Theatre or Creative Writing courses)*	**5-6**
☐ _____	
☐ _____	
THEOLOGY	**6**
☐ Systematic Theology course: _____	
☐ Sacred Scripture course: _____	
SENIOR THEOLOGY	**3**
☐ _____	
TOTAL HOURS OF CORE REQUIREMENTS	*56-61*

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

MAJOR CORE REQUIREMENTS	CREDIT HOURS
MATHEMATICS	**43**
☐ MAT 151, Calculus Analytic Geometry I	
☐ MAT 152, Calculus Analytic Geometry II	
☐ MAT 201, Calculus Analytic Geometry III	
☐ MAT 202, Differential Equations	
☐ MAT 231, Foundations of Mathematics	
☐ MAT 306, Abstract Algebra	
☐ MAT 320, Linear Algebra	
☐ MAT 340, Probability and Statistics for Scientists	
☐ MAT 405, Mathematics Senior Seminar	
☐ MAT 411, Advanced Calculus	
☐ MAT 498, Mathematics Senior Research I	
☐ MAT 499, Mathematics Senior Research II	
☐ 6 credit hours numbered MAT 206 or higher (excluding MAT 205 and MAT 208)	
COMPUTER INFORMATION SYSTEMS	**6**
☐ CIS 113, Computer Applications and Hardware	
☐ CIS 114, Introduction to Programming	
–OR–	
☐ Satisfactory completion of a Bachelor of Science in Physics	
SCIENCE	**6**
☐ CHE 111, General Chemistry I	
☐ CHE 113, General Chemistry II	
–OR–	
☐ PHY 141, Introduction to Measurement I	
☐ PHY 142, Introduction to Measurement II	
EXPERIENTIAL LEARNING	**3**
☑ MAT 405, Mathematics Senior Seminar *	
RECOMMENDED COURSES	
☐ CHE 111L, General Chemistry I Lab	
☐ CHE 113L, General Chemistry II Lab	
☐ PHY 141L, Introduction to Measurement I Lab	
☐ PHY 142L, Introduction to Measurement II Lab	

TOTAL HOURS OF MATHEMATICS CORE	*55*

TOTAL HOURS REQUIRED FOR ANY BACHELOR DEGREE

Students admitted during or after Fall 2017	**120**
Students admitted prior to Fall 2017	**128**

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