

# BACHELOR OF ARTS MATHEMATICS



THOMAS MORE  
UNIVERSITY

## Approved Degree Requirements Checklist

SECOND CENTURY CORE CURRICULUM REQUIREMENTS	CREDIT HOURS
<b>INNER CORE REQUIREMENTS</b>	
<b>FIRST YEAR SEMINAR (For First-Year Students only)</b>	<b>1</b>
<input type="checkbox"/> FYE 150, First Year Exploration	
<b>COMMUNICATION</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>ENGLISH 150</b>	<b>3</b>
<input type="checkbox"/> ENG 150, Literature, Writing and Research	
<b>ENGLISH 200+</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>FINE ARTS (ART, MUS, THR)</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>FOREIGN LANGUAGE (FRE, GER, LAN, LAT, LAN)</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>HISTORY</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>MATHEMATICS (MAT 120+)</b>	<b>3</b>
<input checked="" type="checkbox"/> Included in the Major Requirements	
<b>NATURAL SCIENCE LECTURE (NSB, NSC, NSP, EXS150, BIO, CHE, PHY)</b>	<b>3/4</b>
<input checked="" type="checkbox"/> Included in the Major Requirements	
<b>NATURAL SCIENCE LAB (NSB, NSC, NSP, EXS150, BIO, CHE, PHY)</b>	<b>0/1</b>
<input checked="" type="checkbox"/> Included in the Major Requirements	
<b>PHILOSOPHY</b>	<b>6</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>SOCIAL SCIENCE (ECO, LAW, POS, PSY, SOC)</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>THEOLOGY</b>	<b>6</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>OUTER CORE REQUIREMENTS (Select one.)</b>	
<input type="checkbox"/> Second Major: _____	
<input type="checkbox"/> Minor: _____	
<input type="checkbox"/> Outer Core Sequence (9 Hours)	

MAJOR REQUIREMENTS	CREDIT HOURS
<b>MATHEMATICS</b>	
	<b>43</b>
<input type="checkbox"/> MAT 151, Calculus and Analytical Geometry I	
<input type="checkbox"/> MAT 152, Calculus and Analytical Geometry II	
<input type="checkbox"/> MAT 201, Calculus and Analytical Geometry III	
<input type="checkbox"/> MAT 202, Differential Equations	
<input type="checkbox"/> MAT 231, Foundations of Mathematics	
<input type="checkbox"/> MAT 306, Abstract Algebra	
<input type="checkbox"/> MAT 320, Linear Algebra	
<input type="checkbox"/> MAT 340, Probability	
<input type="checkbox"/> MAT 405, Special Topics in Mathematics	
<input type="checkbox"/> MAT 411, Advanced Calculus	
<input type="checkbox"/> MAT 498, Mathematics Senior Research I	
<input type="checkbox"/> MAT 499, Mathematics Senior Research II	
<input type="checkbox"/> Math Elective (MAT 123, 124, 205, or higher)	
<input type="checkbox"/> Math Elective (MAT 123, 124, 205, or higher)	
<b>COMPUTER INFORMATION SYSTEMS</b>	
	<b>6</b>
<input type="checkbox"/> CIS 114, Intro to Programming	
<input type="checkbox"/> CIS 255, Programming in PYTHON	
<b>SCIENCE</b>	
	<b>7-9</b>
<input type="checkbox"/> PHY 141, General Physics I	
<input type="checkbox"/> PHY 142, General Physics II	
<input type="checkbox"/> PHY 141L, General Physics Lab I or PHY 142L, General Physics lab II	
-OR-	
<input type="checkbox"/> CHE 111, General Chemistry I	
<input type="checkbox"/> CHE 113, General Chemistry II	
<input type="checkbox"/> CHE 111L, General Chemistry I Lab or CHE 113L, General Chemistry II Lab	
<b>EXPERIENTIAL LEARNING</b>	
<input checked="" type="checkbox"/> MAT 498, Mathematics Senior Research I	
<input checked="" type="checkbox"/> MAT 499, Mathematics Senior Research II	

**TOTAL HOURS OF MATHEMATICS CORE** **56-58**  
**TOTAL HOURS REQUIRED FOR ANY BACHELOR'S DEGREE** **120**

Last Updated: Spring 2024