

BACHELOR OF ARTS MATHEMATICS



THOMAS MORE
UNIVERSITY

Approved Degree Requirements Checklist

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

MAJOR REQUIREMENTS	CREDIT HOURS
MATHEMATICS	43
<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)	
COMPUTER INFORMATION SYSTEMS	6
<input type="checkbox"/> CIS 114, Intro to Programming	
<input type="checkbox"/> CIS 255, Programming in PYTHON	
SCIENCE	7-9
<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	
EXPERIENTIAL LEARNING	
<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