

DEGREE: BACHELOR of ARTS (ODD-YEAR START)**MAJOR: MATHEMATICS**THOMAS MORE
UNIVERSITY**Sample Curriculum**

The aim of the mathematics curriculum is to prepare the student for graduate studies, teaching, and/or for application of the principles of mathematics in business and industry.

First Year

Fall (Odd)	CR	Spring (Even)	CR
MAT151 Calculus and Analytical Geometry	4	MAT152 Calculus and Analytical Geometry	4
FYS150 First-Year Seminar	3	COM105 Fundamentals of Public Speaking	3
PHY141 General Physics I*	4	PHY142 General Physics II*	4
PHY141L General Physics I Lab*	1	PHY142L General Physics II Lab (recommended)*	1
CIS 114 Intro to Programming	3	CIS 255 Programming in PYTHON	3
Subtotal	15	Subtotal	15

Second Year

Fall (Even)	CR	Spring (Odd)	CR
MAT201 Calculus and Analytic Geometry III	4	MAT202 Differential Equations	4
MAT320 Linear Algebra	3	MAT 231 Foundations of Mathematics	3
Math Elective (or Theology)	3	Theology (or Math Elective)	3
ENG150 Literature, Writing and Research	3	English above 200	3
History	3	History	3
Subtotal	16	Subtotal	16

Third Year

Fall (Odd)	CR	Spring (Even)	CR
MAT340 Probability	3	MAT405 Special Topics in Mathematics	3
Math Elective (or Theology)	3	Theology (or Math Elective)	3
Foreign Language	3	Foreign Language	3
Natural Science	3	Social Science	3
Free Elective	3	Fine Arts	3
Subtotal	15	Subtotal	15

Fourth Year

Fall (Even)	CR	Spring (Odd)	CR
MAT306 Abstract Algebra	3	MAT411 Advanced Calculus	3
MAT 498 Mathematics Senior Research I	2	MAT499 Mathematics Senior Research II	1
Social Science	3	Senior Theology	3
Philosophy	3	Philosophy	3
Fine Arts	3	Free Elective	3
Subtotal	14	Subtotal	13

Total Credits: 119

*Mathematics majors may also take General Chemistry (CHE 111 and CHE 113 with labs) instead of General Physics I and II

DEGREE: BACHELOR of ARTS (EVEN-YEAR START)**MAJOR: MATHEMATICS**THOMAS MORE
UNIVERSITY**Sample Curriculum**

The aim of the mathematics curriculum is to prepare the student for graduate studies, teaching, and/or for application of the principles of mathematics in business and industry.

First Year

Fall (Even)	CR	Spring (Odd)	CR
MAT151 Calculus and Analytical Geometry	4	MAT152 Calculus and Analytical Geometry	4
FYS150 First-Year Seminar	3	MAT231 Foundations of Mathematics	3
PHY141 General Physics I*	4	PHY142 General Physics II*	4
PHY141L General Physics I Lab*	1	PHY142L General Physics II Lab (recommended)*	1
History	3	History	3
Subtotal		Subtotal	
15		15	

Second Year

Fall (Odd)	CR	Spring (Even)	CR
MAT201 Calculus and Analytic Geometry III	4	MAT202 Differential Equations	4
MAT320 Linear Algebra	3	COM105 Fundamentals of Public Speaking	3
Math Elective (or Theology)	3	Theology (or Math Elective)	3
CIS114 Intro to Programming	3	CIS 255 Programming in PYTHON	3
ENG150 Literature, Writing and Research	3	English above 200	3
Subtotal		Subtotal	
16		16	

Third Year

Fall (Even)	CR	Spring (Odd)	CR
MAT306 Abstract Algebra	3	MAT411 Advanced Calculus	3
Math Elective (or Theology)	3	Theology (or Math Elective)	3
Foreign Language	3	Foreign Language	3
Natural Science	3	Social Science	3
Fine Arts	3	Free Elective	3
Subtotal		Subtotal	
15		15	

Fourth Year

Fall (Odd)	CR	Spring (Even)	CR
MAT340 Probability	3	MAT405 Special Topics in Mathematics	3
MAT 498 Mathematics Senior Research I	2	MAT499 Mathematics Senior Research II	1
Social Science	3	Senior Theology	3
Philosophy	3	Philosophy	3
Fine Arts	3	Free Elective	3
Subtotal		Subtotal	
14		13	

Total Credits: 119

*Mathematics majors may also take General Chemistry (CHE 111 and CHE 113 with labs) instead of General Physics I and II