BACHELOR OF ARTS
COMPUTER INFORMATION SYSTEMS

THOMAS MORE UNIVERSITY

2020 – 2021 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
☐ One course chosen from: Biology, Chemistry, or Physics	
☐ One course chosen from: Biology, Chemistry, or Physics (must be from different department than first course)	
☐ Laboratory component	
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 2020 Core column on the Schedule of Classes for core options

MAJOR CORE REQUIREMENTS

	CREDIT HOURS
COMPUTER INFORMATION SYSTEMS	36
☐ CIS 113, Computer Applications and Hardware	
☐ CIS 114, Introduction to Programming I	
☐ CIS 114L, Introduction to Programming I Lab	
☐ CIS 115, Introduction to Programming II	
☐ CIS 115L, Introduction to Programming II Lab	
☐ CIS 211, Object Oriented Programming I	
☐ CIS 226, Data Structures	
☐ CIS 226L, Data Structures Lab	
☐ CIS 231, Foundations of Networking	
☐ CIS 267, Database I	
☐ CIS 314, Advanced Programming	
☐ CIS 341, Web Programming I	
☐ CIS 342, Web Programming II	
☐ MIS 450, Business Intelligence	
SENIOR SEMINAR	3
☐ CIS 410, Senior Seminar I	
☐ CIS 411, Senior Seminar II	
ELECTIVES	12
☐ 12 hours of electives and at least 6 hours must be at the 300 or 400 level. These electives may include 6 hours of co-op in an approved computer related field and/or up to 6 hours of approved substitutes from Mathematics. <u>CIS 348 is not an option for an elective.</u>	
MATHEMATICS	7
☐ MAT 143, Elements of Calculus	
☐ MAT 205, Introductory Statistics	
-OR-	
☐ Associate degree in Mathematics	
EXPERIENTIAL LEARNING	3
☑ CIS 410, Senior Seminar I *	
-OR-	
☑ CIS 411, Senior Seminar II *	
MINOR OR ASSOCIATE DEGREE	
Students must also choose a minor or Associate degree in one of the following areas:	
☐ Web Design	
☐ Business Administration	
☐ Accounting	
☐ Economics	
☐ Mathematics	
☐ Other area as approved by department	
TOTAL HOURS OF COMPUTER INFORMATION SYSTEMS CORE	***56-58***

TOTAL HOURS REQUIRED FOR ANY BACHELOR DEGREE

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

<u>**Please note:**</u> **No Computer Information Systems major may graduate with a "D" in any Computer Information Systems (CIS) or Mathematics (MAT) courses required for their major.**