

# BACHELOR OF ARTS

## COMPUTER INFORMATION SYSTEMS



THOMAS MORE  
UNIVERSITY

### 2021 – 2022 Degree Requirements Checklist

CORE CURRICULUM REQUIREMENTS*	CREDIT HOURS	MAJOR CORE REQUIREMENTS	CREDIT HOURS
<b>FIRST YEAR SEMINAR</b>	<b>1</b>	<b>COMPUTER INFORMATION SYSTEMS</b>	<b>36</b>
<input type="checkbox"/> FYE 150, First Year Exploration		<input type="checkbox"/> CIS 113, Computer Applications and Hardware	
<b>ENGLISH</b>	<b>6</b>	<input type="checkbox"/> CIS 114, Introduction to Programming I	
<input type="checkbox"/> ENG 150, Literature, Writing and Research		<input type="checkbox"/> CIS 114L, Introduction to Programming I Lab	
<input type="checkbox"/> ENG 200+: _____		<input type="checkbox"/> CIS 115, Introduction to Programming II	
<b>MATHEMATICS</b>	<b>3</b>	<input type="checkbox"/> CIS 115L, Introduction to Programming II Lab	
<input checked="" type="checkbox"/> Fulfilled within the major requirements		<input type="checkbox"/> CIS 211, Object Oriented Programming I	
<b>SOCIAL SCIENCE</b>	<b>6</b>	<input type="checkbox"/> CIS 226, Data Structures	
<input type="checkbox"/> _____		<input type="checkbox"/> CIS 226L, Data Structures Lab	
<input type="checkbox"/> _____		<input type="checkbox"/> CIS 231, Foundations of Networking	
<b>COMMUNICATION</b>	<b>3</b>	<input type="checkbox"/> CIS 267, Database I	
<input type="checkbox"/> _____		<input type="checkbox"/> CIS 314, Advanced Programming	
<b>HISTORY</b>	<b>6</b>	<input type="checkbox"/> CIS 341, Web Programming I	
<input type="checkbox"/> _____		<input type="checkbox"/> CIS 342, Web Programming II	
<input type="checkbox"/> _____		<input type="checkbox"/> MIS 450, Business Intelligence	
<b>FOREIGN LANGUAGE (two semesters in same language)</b>	<b>3-6</b>	<b>SENIOR SEMINAR</b>	<b>3</b>
<input type="checkbox"/> _____		<input type="checkbox"/> CIS 410, Senior Seminar I	
<input type="checkbox"/> _____		<input type="checkbox"/> CIS 411, Senior Seminar II	
<b>NATURAL SCIENCE</b>	<b>6-7</b>	<b>ELECTIVES</b>	<b>12</b>
<input type="checkbox"/> One course chosen from: Biology, Chemistry, or Physics		<input type="checkbox"/> 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>	
<input type="checkbox"/> One course chosen from: Biology, Chemistry, or Physics (must be from different department than first course)		<b>MATHEMATICS</b>	<b>7</b>
<input type="checkbox"/> Laboratory component		<input type="checkbox"/> MAT 143, Elements of Calculus	
<b>PHILOSOPHY</b>	<b>6</b>	<input type="checkbox"/> MAT 205, Introductory Statistics	
<input type="checkbox"/> _____		-OR-	
<input type="checkbox"/> _____		<input type="checkbox"/> Associate degree in Mathematics	
<b>FINE ARTS (Art, Music, Theatre or Creative Writing courses)</b>	<b>5-6</b>	<b>EXPERIENTIAL LEARNING</b>	<b>3</b>
<input type="checkbox"/> _____		<input checked="" type="checkbox"/> CIS 410, Senior Seminar I *	
<input type="checkbox"/> _____		-OR-	
<b>THEOLOGY</b>	<b>6</b>	<input checked="" type="checkbox"/> CIS 411, Senior Seminar II *	
<input type="checkbox"/> Systematic Theology course: _____		<b>MINOR OR ASSOCIATE DEGREE</b>	
<input type="checkbox"/> Sacred Scripture course: _____		<i>Students must also choose a minor or Associate degree in one of the following areas:</i>	
<b>SENIOR THEOLOGY</b>	<b>3</b>	<input type="checkbox"/> Web Design	
<input type="checkbox"/> _____		<input type="checkbox"/> Business Administration	
<b>TOTAL HOURS OF CORE REQUIREMENTS</b>	<b>56-61</b>	<input type="checkbox"/> Accounting	
		<input type="checkbox"/> Economics	
		<input type="checkbox"/> Mathematics	
		<input type="checkbox"/> Other area as approved by department	
		<b>TOTAL HOURS OF COMPUTER INFORMATION SYSTEMS CORE</b>	<b>56-58</b>
		<b>TOTAL HOURS REQUIRED FOR ANY BACHELOR DEGREE</b>	
		Students admitted during or after Fall 2017	<b>120</b>
		Students admitted prior to Fall 2017	<b>128</b>

\*Please reference the 2021 Core column on the Schedule of Classes for core options

**Please note:** No Computer Information Systems major may graduate with a “D” in any Computer Information Systems (CIS) or Mathematics (MAT) courses required for their major.