BACHELOR OF ARTS
COMPUTER INFORMATION SYSTEMS

THOMAS MORE UNIVERSITY

2021 – 2022 Sample Curriculum

Computer Information Systems has emerged as a professional discipline in recent years and the importance of computer technology in science, business and our daily lives is well recognized. The program is structured to prepare students for graduate school or employment in the business sector. The program emphasizes skills and professional practice set in the context of an integrated liberal arts education. An optional cooperative educational program is available to provide additional related experience. Programs with dual majors in Accounting, Business and Mathematics are encouraged.

First Year

Fall	CR	Spring	CR
FYE150 First-Year Exploration	1	CIS115 Introduction to Programming	3
CIS113 Computer Applications and Hardware	3	CIS115L Introduction to Programming Lab	1
CIS114 Introduction to Programming	3	ENG150 Literature, Writing and Research	3
CIS114L Introduction to Programming Lab	1	Social Science Core	3
MAT143 Elements of Calculus	4	Communication Core	3
History Core	3	History Core	3
Subtotal	15	Subtotal	16

Second Year

Fall	CR	Spring	CR
CIS211 Object Oriented Programming I	3	CIS226 Data Structures	3
CIS231 Foundations of Networking	3	CIS226L Data Structures Lab	1
MAT205 Introductory Statistics	3	Natural Science with Lab Core	4
Philosophy Core	3	Fine Arts Core	3
English Literature Core	3	Free Elective	3
Subtotal	15	Subtotal	14

Third Year

Fall	CR	Spring	CR
CIS341 Web Programming I	3	CIS342 Web Programming II	3
CIS267 Database I	3	MIS455 Business Intelligence	3
CIS Elective	3	CIS Elective	3
Natural Science Core	3	Foreign Language Core	3
Foreign Language Core	3	Theology Core	3
Subtotal	15	Subtotal	15

Fourth Year

Fall	CR	Spring	CR
CIS410 Senior Seminar I	2	CIS411 Senior Seminar II	1
CIS314 Advanced Programming	3	CIS Elective	3
CIS Elective	3	THE425 Social Issues	3
Theology Core	3	Social Science Core	3
Philosophy Core	3	Fine Arts Core	3
Free Elective	1	Free Elective	2
Subtotal	15	Subtotal	15

Total Credits: 120

*All CIS majors are required to have an Associate major or minor in a related field. Typical fields include Business Administration, Accounting, Mathematics, Art or Web Design. Other Associate majors need to be approved by the CIS department chairperson.

**At least 2 of the CIS electives must be at the 300- or 400-level. CIS348 does NOT count as an elective. Some Mathematics and Co-op courses may be used for CIS electives.

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.**