

## COMPUTER INFORMATION SYSTEMS MAJOR

Bachelor of Science  
 As of fall 2021

Major Requirements: 60 semester hours. **At least 24 semester hours must be taken at Aquinas**. Independent Study, Life Experience, and Field Experience may be applied toward the major. All courses except CS397 and CS460 (these may be taken as Credit/F grades). Only courses with a grade of C or better.

AQUINAS REQUIREMENTS		TRANSFER EQUIVALENTS
_____ CS 151 Word Processing	1.0	<u>CIS 115</u>
_____ CS 152 Spreadsheets	1.0	<u>CIS 101 or 102</u>
_____ CS 153 Presentation Graphics	1.0	<u>CIS 119</u>
_____ CS 154 Database	1.0	<u>CIS 153</u>
_____ CS 157 Introduction to Project Management	1.0	_____
_____ CS 158 Web Page Design	1.0	_____
_____ CS 170 Principles of Operating Systems	3.0	_____
_____ CS 180 Structure and Logic	4.0	<u>CIS 160A</u>
_____ CS 182 Data Structures with C#	4.0	_____
_____ CS 220 Survey of Programming Languages	3.0	<u>CIS 265 or 280</u>
_____ CS 242 Database Theory	3.0	<u>CIS 253A</u>
_____ CS 244 Web Programming with Databases	4.0	_____
_____ CS 252 Advanced Spreadsheets	1.0	_____
_____ CS 258 Advanced Web Page Design	1.0	_____
_____ CS 300 Management Info Systems	3.0	<u>CIS 250</u>
_____ CS 302 System Analysis	3.0	_____
_____ CS 332 Installing, Configuring, and Administering Windows Client	3.0	_____
_____ CS 334 Managing and Maintaining a Windows Server Environment	4.0	_____
_____ CS 336 Implementing, Managing, and Maintaining a Windows Server Network Infrastructure	3.0	_____
_____ CS 338 Designing Security in a Windows-Based Network Environment	3.0	_____
_____ CS 397 Field Experience	3.0	_____
_____ CS/BS 413 Project Management	3.0	_____
_____ CS 435 Systems Design (SC)	3.0	_____
_____ MS 151, MS252 or MS4892 Statistics	3.0	<u>BUS 105 Business Statistics</u>
	<u>60.0</u>	

Please Note: Aquinas College reserves the right to change, modify or amend the above-stated requirements in its sole discretion and without prior notice.

15. A maximum of 6 credit hours of  
courses must be taken as letter grades  
of C or better will count toward the major.

REQUIREMENTS

Introduction to Word Processing

Introduction to Presentation Graphics

Introduction to Database Management

or CIS 185c

Database Design and Implementation

Developing Information Systems

Statistics or MATH 115 Probability and Statistics

Requirements and/or courses