COMPUTER INFORMATION SYSTEMS MAJOR

As of Fall 2021

Major Requirements: 60 semester hours. At least 24 semester hours must be taken at Aquinas. A maximum of 6 credit hours of Independent Study, Life Experience, and Field Experience may be applied toward the major. All courses must be taken as letter grades except CS397 and CS460 (these may be taken as Credit/F grades). Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS		TRANSFER EQUIVALENTS	
CS 151 Word Processing (CS300)	1.0	CIS 103 or CIS 155	Intro to Windows and Microsoft Office
CS 152 Spreadsheets (CS302)	1.0	CIS 103 or CIS 156	Intro to Windows and Microsoft Office
CS 153 Presentation Graphics (CS304)	1.0	CIS 103 or CIS 140	Intro to Windows and Microsoft Office
CS 154 Database (CS242)	1.0	CIS 170	Access Database I
CS 157 Project Management (CS308)	1.0		
CS 158 Web Page Design (CS220)	1.0	CIS 149	Web Design I
CS 170 Principles of Operating Systems	3.0		
CS 180 Structure and Logic	4.0	CIS 129	C# Programming 1
CS 182 Data Structures with C#	4.0	CIS 227 or CIS 229	C++ Programming II
CS 220 Survey of Programming Languages	3.0	CIS 217	Java Programming II
CS 242 Database Theory	3.0		
CS 244 Web Programming with Databases	4.0		
CS 252 Advanced Spreadsheets (CS308)	1.0		
CS 258 Advanced Web Page Design		CIS 249	Web Design II
CS 300 Management Information Systems	3.0	CIS 224	Introduction to Systems Analysis
CS 302 System Analysis	3.0		
CS 332 Install/Configuring/Administer Windows Client	3.0	CIS 234	Microsoft Windows Server Admin. I
CS 334 Managing and Maintaining a Windows	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 OR CS 460 Practicum Information Technology	3.0		
CS/BS 413 Project Management	3.0		
CS 435 Systems Design	3.0		
MS 151 Elem. Statistics or MS252 Statistics (C	3.0	BA 254, PY 281 or MA 215	Statistics

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

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