# COMPUTER INFORMATION SYSTEMS MAJOR

*Bachelor of Science*
Fall 2016 - Summer 2018

Name: _____     I.D. # _____

Major Requirements: 49 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 towards the major.  Only courses with a grade of C or better will count toward the major.

| AQUINAS REQUIREMENTS | | TRANSFER EQUIVALENTS | |
|---|---|---|---|
| CS 170 Principles of Operating Systems | 3.0 | | |
| CS 180 Structure and Logic | 4.0 | CMIS 130 OR CMIS 131 | |
| CS 182 Data Structures with C# | 4.0 | | |
| CS 220 Survey of Programming Languages | 3.0 | | |
| CS 242 Database Theory | 3.0 | | |
| CS 244 Web Programming with Databases | 4.0 | | |
| CS 300 Management Information Systems | 3.0 | CMIS 265 | |
| CS 302 System Analysis | 3.0 | | |
| CS 304 Systems Design | 3.0 | | |
| CS 308 Project Management | 3.0 | | |
| CS 332 Installing, Configuring, and Administering Windows Client | 3.0 | CSTC 127 | |
| 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 | 3.0 | ISCY 250 OR CSTC 237 | |
| CS 460 Practicum Information Technology | 3.0 | | |
| | 49.0 | | |

PREREQUISITES REQUIRED BUT NOT INCLUDED IN THE MAJOR:

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|---|---|---|---|
| CS 151 Word Processing (CS300) | 1.0 | CMIS 156 | |
| CS 152 Spreadsheets (CS302) | 1.0 | CMIS 257 | |
| CS 153 Presentation Graphics (CS304) | 1.0 | CMIS 259 | |
| CS 154 Database (CS242) | 1.0 | CMIS 258 | |
| CS 157 Project Management (CS308) | 1.0 | | |
| CS 158 Web Page Design (CS220) | 1.0 | CMIS 132 | |
| CS 252 Advanced Spreadsheets (CS308) | 1.0 | CMIS 250 | |
| MS 151 Elementary Statistics or MS252 Statistics (CS182) | 3.0 | MATH 190 | |

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.