

**212: Computer Information Systems A A S Degree Requirements Table**

FALL 2024 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
<b>1 – KNOWLEDGE &amp; SKILL AREA</b>	<b>MET BY</b>	<b>24</b>	<b>As Listed</b>
<b>1.01 - COMMUNICATION W 1</b>	ENG 101 College Composition	3	1
<b>1.02 - COMMUNICATION ORAL</b>	SPE 102, 108, 109, or HUS 102	3	2
<b>1.03 - MATHEMATICS</b>	MAT 140 or higher	4	1
<b>1.04 - NATURAL SCIENCE</b>	<a href="#">Select one SUNY approved Natural Science course</a>	3	3
<b>1.05 - SOCIAL SCIENCE</b>	PSY 104 Introduction to Psychology	3	1
<b>1.06 - HISTORY, ENGAGEMENT, AWARENESS</b>	<a href="#">Select one SUNY approved History, Engagement, Awareness course</a>	3	4
<b>1.07 - HUMANITIES, ARTS, LANG</b>	<a href="#">Select one SUNY approved Humanities, Arts, World Language course</a>	3	4
<b>1.08 – DIVERSITY (DEISJ)</b>	Met by Social Science requirement	0	N/A
<b>1.09 - HEALTH/PE/ATH</b>	Select any 2 HED/PED/ATH credits	2	3
<b>2 - PROGRAM REQUIREMENT</b>	<b>MET BY</b>	<b>39</b>	<b>As Listed</b>
2.01 - Program Requirement	CIS 125 Computer Programming and Problem Solving	3	1
2.02 - Program Requirement	CIS 113 Web Publishing	3	1
2.03 – Restricted Elective	Restricted Elective - ACC 102, BUS 213, BUS 221, Any CIS Option (Except 102) or any CSN option.	3	2
2.04 - Program Requirement	CIS 112 Systems Analysis & Design (Spring Only)	3	2
2.05 - Program Requirement	MAT 247 Discrete Math (Spring Only)	3	2
2.06 - Program Requirement	ACC 101 Accounting 1	3	2
2.07 - Program Requirement	CIS 219 Computer Programming 1	4	3
2.08 - Program Requirement	CIS 208 Database (Fall Only)	3	3
2.09 - Program Requirement	MAT 129 Statistics	3	3

2.1 - Program Requirement	CIS 221 Computer Programming 2	4	4
2.11 - Program Requirement	CIS 215 Web Scripting (Spring Only)	4	4
2.12 - Restricted Elective	Restricted Elective - ACC 102, BUS 213, BUS 221, Any CIS Option (Except 102) or any CSN option.	3	4
<b>3 - SEMESTER</b>	<b>TOTAL CREDITS REQUIRED FOR DEGREE</b>	<b>63</b>	<b>Upon Completion</b>
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
<b>4 - INFORMATIONAL NOTES</b>	<b>GENERAL CURRICULUM INFORMATION</b>	<b>0</b>	<b>As Appropriate</b>
<b>4.01 Infused Competencies</b>	Information Literacy: ENG 101 Critical Thinking: PSY 104 Technological Competency: CIS 125 Values & Ethics: PSY 104	0	Upon Completion
<b>4.02 - Proficiency Requirements</b>	As outlined in Procedure 321- Placement and Proficiency Requirements (click to see <a href="#">GCC Placement and Proficiency Guide</a> for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.	0	Prior to Completion
<b>4.03 - Electives</b>	Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see Transfer Services in the Student Success Center.	0	As Appropriate
<b>4.04 - GPA Requirement</b>	<b>GPA of 2.0 Required for graduation</b>	0	Upon Completion