

212: Computer Information Systems A A S Degree Requirements Table

FALL 2026 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	24	As Listed
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	SPE 102, 108, 109, or HUS 102	3	2
1.03 - MATHEMATICS	MAT 140 or higher	4	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts, World Language course	3	4
1.08 – DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	3
2 - PROGRAM REQUIREMENT	MET BY	39	As Listed
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
3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	63	Upon Completion
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
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 Infused Competencies	Information Literacy: ENG 101 Critical Thinking: PSY 104 Technological Competency: CIS 125 Values & Ethics: PSY 104 Civic Discourse: SPE 102, 108, 109, or HUS 102	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to see GCC Placement and Proficiency Guide 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
4.03 - Electives	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
4.04 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion