

Mohawk Valley Community College Computer Science					University at Albany Informatics B.S. (Combined Major/Minor)				
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
CF100	College Foundations Seminar			1	ONCRE00	No Credit Given at UAlbany			0
CI110	Principles of Programming		X	3	ICSI 201	Introduction to Computer Science		X	3
CI130	Programming in C++			3	ICSI00	Computer Science Elective – no credit given in major/minor			3
EN101	English 1: Composition	X		3	ANEG 100Z	Introduction to Analytical Writing	X		3
MA151	Calculus 1	X	X	4	AMAT 112	Calculus I	X	X	4
	Core GE Social Science (A)	X		3		SUNY Gen Ed. Social Science	X		3
	Physical Education			.5		General Elective Credit			.5
CI230	Data Structures			3	ICSI 213	Data Structures			3
EN102	English 2: Ideas & Values in Literature	X		3	AENG 121	Reading Literature	X		3
MA152	Calculus 2	X		4	AMAT 113	Calculus II	X		4
CI256 or PH 115	Introduction to Programming for the Internet or Science of Multimedia			3	ICSI10 or ACASE10	Computer Science 100-Level Elective or Arts and Sciences 100-Level Elective			3
	Social Science and Other Elective (B)			4		Social Science or General Elective			4
	Physical Education			.5		General Elective Credit			.5
	Physics Elective (C)	X		4		SUNY Gen Ed Science	X		4
CI245	JAVA Programming			3	ICSI 205	Object Oriented Programming for Data Processing Applications			3
CI285	Systems Operations & Management			3	BFOR 419	Systems Administration & Operating Systems Concepts			3
MA275	Discrete Algebraic Structures			4	ICSI/ICEN 210	Discrete Structures			4
	Physical Education			.5		General Elective Credit			.5
CI260	Microcomputer Programming			3	ICSI00	Computer Science Elective – no credit given in major/minor			3
CI271	Database Design & Implementation			3	BFOR 205	Introduction to Database Systems			3
	Physics Elective (C)	X		4		SUNY Gen Ed Science	X		4
	Restricted Elective (D)			3		General Elective Credit			3
	Physical Education			.5		General Elective Credit			.5
				Total Credits Eligible for Transfer					61-62
Additional Required and Elective Courses for the Major at UAlbany									
					IINF 100X	Information in the 21 st Century (2)	X	X	3
					IINF 200	Research Methods for Informatics (3)		X	3
					IINF 201	Introduction to Web Technologies		X	3
					IINF 202	Introduction to Data and Databases		X	3
					IINF 203	Introduction to Networks and Systems		X	3
					IINF 301	Emerging Trends in Information and Technology		X	3
					IINF 305	Digital Project Management		X	3
					IINF 499	Senior Seminar in Informatics		X	3
					AMAT 108	Elementary Statistics (4)	X	X	3
						Experiential Learning (5)		X	9
						Elective Credits Required for Degree Completion Concentration (6)		X	10-11
								X	12
Total Credits required at UAlbany									58-59
Total Credits Applied to Program									61-62
Total Credits Required for Degree									120

- (A) GE Social Science (choose one): AN 101, BM 101, GE 101, PS 101, PY 101, or SO 101
 (B) Students must complete 2 courses from History/Civilization/The Arts: Choose two courses from the following different options: HI 111 or HI 112; HI 101, HI 102, HI 103, HI 104, HU 204, HU 205, HU 290 or HU 295; AN 102, GE 101, HU 227, HU 228 or SO 207; EN 197, GC 244, HU 183, HU 184, HU 187, HU 188, HU 210, HU 292 or PT 205
 (C) Physics Elective (choose one sequence): PH 151 & PH 152 or PH 261 & PH 262
 (D) Restricted Elective: Choose either CI 256 or PH 115
 (1) The University at Albany does not accept transfer credit for College Foundations Seminar courses.
 (2) This course meets the UAlbany 'Challenges of the 21st Century' requirement.
 (3) Students may substitute ASOC 220.
 (4) Student may substitute ASOC 221.
 (5) Students will be advised into course-related experiences that complement their chosen concentration. Some courses may be repeated for up to 6 credits, but online IT students only may complete IINF 469 to fulfill this requirement. Students will select from: IINF 463, IINF 464, IINF 465, IINF 466, IINF 467, IINF 468, IINF 469, EAPS 487, EAPS 456, or EAPS 457.
 (6) Students must select one concentration from the following: Interactive User Experience, Cybersecurity, Social Media, Data Analytics, Software Development, Information Technology, or Self-Designed (with department approval only).

A transfer student admitted to the University at Albany who has completed his/her A.A. or A.S. degree will be given credit for meeting SUNY's General Education requirements.