Dutchess Community College Computer Information Systems – Information Management A.S.					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
BHS 103	Social Problems in Today's World	X		3	ASOC 180	Social Problems	X		3
CIS 111	Computer Systems and Applications			3	ICSI 010	Computer Science Elective			3
CIS 212	System Analysis and Design			3	ICSI 010	Computer Science Elective			3
CIS 213	Data Management Concepts			3	ICSI 010	Computer Science Elective			3
CPS 141	Introduction to Computer Science Programming (1)		X	4	ICSI 201	Introduction to Computer Science		X	4
ENG 101	English Composition	X		3	AENG 100Z	Introduction to Analytical Writing	X		3
ENG 102	English Composition II	X		3	AENG 010Z	English Elective	X		3
MAT 118	Elementary Statistics (Suggested Math Elective) (1)	X	X	3	AMAT 108	Elementary Statistics	X	X	3
MAT 221	Calculus I (Suggested Free Elective) (1) (2)	X	X	4	AMAT 112	Calculus I	X	X	4
WFE 101	Lifetime Wellness and Fitness			3	DPEC 030	Physical Education Elective			3
	ACC/BUS/CIS/ECO course			3		General Elective			3
	American History	X		3		History Elective	X		3
	General Education Course (3)	X		3		SUNY Gen. Ed. Elective	X		3
	Interest Area Courses (4)			15		General Electives			15
	Science Elective	X		4		Science Elective	X		4
	Transfer Course (5)			3		General Elective			3
					Total Credits Eligible for Transfer				63
					Additional Required and Elective Courses for the Major at UAlbany				
						Challenges of the 21st Century	X	X	3
					IINF 100X	Information in the 21st Century	X	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 200	Research Methods for Informatics		X	3
					IINF 301	Emerging Trends in Information and Technology		X	3
					IINF 305	Digital Project Management		X	3
					IINF 499W	Senior Seminar in Informatics		X	3
						Experiential Learning (6)		X	9
						Concentration (7)		X	12
						Elective Credits Required for Degree Completion		X	9
Total credits required for degree completion at SUNY Dutchess				**63**	**Total Credits Required at UAlbany**				**57**

(1) This course is suggested because it meets a requirement for the major at UAlbany upon transfer.
(2) Students may select MAT 125, MAT 185, or MAT 222 in place of MAT 221. All of these courses will are transfer in as meeting the 3 credit Math requirement for the major at UAlbany.
(3) Students should select a course from a SUNY Gen. Ed. Subject area not met by another elective or required course.
(4) Students must select five courses from the following list. Consult your advisor for assistance. Select from: ACC 104, ACC 204, BUS 104, BUS 107, BUS 215, CIS 107 or CIS 108, CIS 114, CIS 117, CIS 120, CIS 123, CIS 124, CIS 126, CIS 140, CIS 150, CIS 211, CIS 214, CIS 215, CIS 216, CIS 217, CIS 218, CIS 223, CIS 226, CIS 227, CIS 228, CIS 233, CIS 235, CRJ 141, or CRJ 261.
(5) Student are suggested to take any of the math courses that meet the Math requirement, ECO 201, or ECO 202.
(6) Consult with advisor to select courses that will complement the intended concentration. Some classes may be repeated twice for a total of 6 credits. Online IT students only may complete IINF 469 (9 credits) to fulfill this requirement. Course options: IINF 463, IINF 464, IINF 465 (repeatable), IINF 466 (repeatable), IINF 467 (repeatable), IINF 468 (repeatable), IINF 469 (fully online students only), EAPS 487 or EAPS 456, EAPS 457.
(7) Select one of the following Concentrations: Interactive User Experience; Cybersecurity; Social Media; Data Analytics; Software Development; Information Technology (online only).

Total Transfer Credits Applied to Program		63
Total Credits Required for Degree		**120**

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.