

University at Albany College of Emergency Preparedness, Homeland Security and Cybersecurity

Dutchess Community College Computer Science A.S.					University at Albany Emergency Preparedness, Homeland Security and Cybersecurity B.A. or B.S.				
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 227	Assembler Language Programming			3	ICSI 010	Computer Science Elective			3
CLP 101	Career Exploration and Planning (1)			3	ECYP 204	Principles of Career and Life Planning			3
CPS 141	Introduction to Computer Science Programming			4	ICSI 201	Introduction to Computer Science			4
CPS 142	Advanced Programming Techniques			3	ICSI 010	Computer Science Elective			3
CPS 231	Data Structures			3	ICSI 213	Data Structures			3
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 185	Precalculus Mathematics				AMAT 100	Precalculus Mathematics			
MAT 221	Calculus I	X		4	AMAT 112	Calculus I	X		4
MAT 214 or MAT 215	Discrete Mathematics Linear Algebra	X		3	AMAT 299 or AMAT 220	Introduction to Proofs Linear Algebra	X		3
MAT 221	Calculus I	X		4	AMAT 112	Calculus I	X		4
MAT 222	Calculus II	X		4	AMAT 113	Calculus II	X		4
MAT 222	Calculus II or ELECTIVE	X		4	AMAT 113	Calculus II or General Elective	X		4
WFE 101	Lifetime Wellness and Fitness			3	DPEC 030	Physical Education Elective			3
	American History	X		3		History Elective	X		3
	Elective			7		General Elective			7
	Free Elective			3		General Elective			3
	General Education Elective (2)	X		6		SUNY Gen. Ed. Elective	X		6
	Science Elective	X		4		Science Elective	X		4
					Total Credits Eligible for Transfer				
					66				
					Additional Required and Elective Courses for the Major at UAlbany				
					CEHC/RPAD 101	Introduction to Emergency Preparedness, Homeland Security and Cybersecurity (3)	X	X	3
					CEHC 210	Critical Inquiry and Communication		X	3
					CEHC 242	Cybersecurity		X	3
					CEHC 310	Advanced Research in Emergency Preparedness, Homeland Security and Cybersecurity		X	3
					CEHC/RAPD/RPOS 343	Homeland Security		X	3
					CEHC 344	Emergency Preparedness		X	3
					CEHC 345	Leadership and Ethics		X	3
					CEHC 390	Internship in Emergency Preparedness, Homeland Security and Cybersecurity		X	3
					CEHC 410	Applied Emergency Preparedness, Homeland Security and Cybersecurity Capstone		X	3
						Milestone - Experiential Training (4)		X	0
						Concentration (5)		X	12
					Minor	A Minor is required at UAlbany		X	18-24
Total credits required for degree completion at SUNY Dutchess					Total Credits Required at UAlbany				
66					57-63				
					Total Transfer Credits Applied to Program				
					66				
					Total Credits Required for Degree				
					123-129				

- (1)This is recommended because CPS 100 does not transfer in for credit.
- (2)Students will must select a course that meets one of the following General Education Requirements: American History, Western Civilizations, Other World Civilizations, The Arts, or Foreign Languages.
- (3)This course meets the UAlbany 'Challenges of the 21st Century' requirement.
- (4)Students must complete 100 hours of experiential training. Up to 40 hours of this training can be transferred in.
- (5)Students must take 12 credits within one of the following Concentrations: Emergency Preparedness (BA), Homeland Security (BA), or Cybersecurity (BS). 6 credits must be lower level credits, and 6 credits must be upper level credits.

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.

Courses at SUNY Dutchess Community College that meet requirement for lower level concentration requires are:

- Emergency Preparedness: PHS 111 (AATM 100)
- Homeland Security: BHS 142 (RCRJ 203); and CRJ 141(RCRJ 201)
- Cybersecurity: none at this time