

Mohawk Valley Community College Computer Science: Cybersecurity					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
CF 100	College Foundations Seminar (1)			1	QNCRE00	No Credit Given at UAlbany			0
CI 104	Introduction to Cybersecurity			3	BFOR 100	Introduction to Information Systems			3
EN101	English 1: Composition	X		3	ANEG 100Z	Introduction to Analytical Writing	X		3
HI101	History of Civilization 1	X		3	AHISE10WD	100-Level History Elective	X		3
SO 101	Introduction to Sociology	X		3	ASOC 115	Introduction to Sociology	X		3
	Mathematics Elective (A)	X		4		SUNY Gen Ed Mathematics	X		4
	Physical Education			.5		General Elective Credit			.5
CI112	Networking Fundamentals			3	BFOR 203	Networking: Introduction to Data Communications			3
	Mathematics Elective			4		Mathematics Elective			4
EN102	English 2: Ideas & Values in Literature	X		3	AENG 121	Reading Literature	X		3
IS120	Computer Operating Systems & Environments			3	IINFE00	Informatics Elective (does not count toward major/minor)			3
CI110	Principles of Programming			3	ICSI 201	Introduction to Computer Science			3
	Physical Education			.5		General Elective Credit			.5
CI130	Programming in C++			3	ICSIE00	Computer Science Elective – no credit given in major/minor			3
CI142	Computer Forensics			3	BFORE10	Digital Forensics 100-Level Elective			3
CI 132	Unix Operating Systems & Security			3	IINFE00	Informatics Elective – no credit given in major/minor			3
	Core GE Natural Science Elective (B)	X		4		SUNY Gen Ed Natural Science Elective	X		4
	Physical Education			.5		General Elective Credit			.5
MA 110	Elementary Statistics	X		3	AMAT 108	Elementary Statistics	X		3
CI212	Internet Security			3	ICSIE30	Computer Science 300-Level Elective			3
CI232	Security Policies			3	BFOR 204	Fundamentals Information and Cybersecurity			3
	Core GE Natural Science Elective (B)	X		4		SUNY Gen Ed Natural Science Elective	X		4
	Program Elective (C)			3		General Elective Credit			3
	Physical Education			.5		General Elective Credit			.5
					<b>Total Credits Eligible for Transfer</b>				
					<b>63</b>				
					<b>Additional Required and Elective Courses for the Major at UAlbany</b>				
					CEHC/RPAD 101	Introduction to Emergency Preparedness, Homeland Security and Cybersecurity (2)	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
						Non-credit training in Emergency Preparedness, Homeland Security and Cybersecurity (3)		X	0
						Concentration (4)		X	12
					Minor	A Minor is required at UAlbany		X	18-24
<b>Total credits required for degree completion at MVCC</b>					<b>64</b>				
					<b>Total Credits required at UAlbany</b>				
					<b>57-63</b>				
					<b>Total Credits Applied to Program</b>				
					<b>63</b>				
					<b>Total Credits Required for Degree</b>				
					<b>120-126</b>				

(A)Core GE Natural Science (choose one sequence): CH 141 & CH 142, or PH 151 & PH 152

(B)Restricted Elective (choose one): CI 132, CI 204, or CJ 216

(1)The University at Albany does not accept transfer credit for College Foundations Seminar courses.

(2)This course meets the UAlbany 'Challenges of the 21<sup>st</sup> Century' requirement.

(3)Students must complete 100 hours of experiential training. Student must complete the minimum number of hours required in each training tier as follows: Foundations – 30 hours; Professional Development – 20 hours; Community Engagement – 15 hours; and Concentration Specific – 35 hours. Up to 40 hours of this training can be transferred in (4)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.

COURSE with Equivalencies:

Cybersecurity Concentration: CI 104 = BFOR 100, CI 112 = BFOR 203, CI 232 = BFOR 204

Emergency Preparedness Concentration: BI 105 = AENV 105, PS 102 = RPOS 140

Homeland Security Concentration: CJ 101 = RCRJ 201, CJ 204 = RCRJ 203, PS 102 = RPOS 140