

CYBERSECURITY, BS

Campus: NYC, Westchester

Course	Title	Credits
First Year		
Fall		
ENG 110	Composition	3
UNV 101	First-Year Seminar: Introduction to University Community	1
MAT 104 or MAT 131	Finite Mathematics or Calculus I	3
CYB 201	Introduction to Cybersecurity	4
Learning Community		6
Credits		17
Spring		
ENG 120	Critical Writing	4
CYB 211	Information Security Management	4
MAT 117 or MAT 234	Elementary Statistics or Introduction to Probability and Statistical Analysis	4
Area of Knowledge Course		3
Credits		15
Second Year		
Fall		
CS 121	Introduction to Computer Science	4
CIT 221	Global Networking Technology	4
CYB 231	Operating Systems Concepts	4
COM 200	Public Speaking	3
Credits		15
Spring		
CIT 241	Database Management	4
CYB 323	Network Security and Defense	4
Lab Science		3
Civic Engagement		3
Credits		14
Third Year		
Fall		
CYB 211	Information Security Management	4
ENG 201	Writing in the Disciplines	3
CYB 241	Secure Software Development and Analysis	4
CS 113	Mathematical Structures for Computer Science	4
Language 1		3
Credits		18
Spring		
CYB 325	Ethical Hacking and Penetration Testing	4
Language 2		
Advanced Major Elective		4
(2) Area of Knowledge		6
Credits		14
Fourth Year		
Fall		
CYB 491	Cybersecurity Capstone Project	4

Area of Knowledge	3
Open Elective	3
Advanced Major Elective	4
Credits	14
Spring	
Advanced Major Elective	4
(2) Area of Knowledge	6
General Elective	3
Credits	13
Total Credits	120