

B.S. in Cyber Intelligence and Security

Cyber Intelligence and Security - General

Freshman Year

Fall		Credits
CI 120	Introduction to Cyber Security Majors	3
COM 122	English Composition	3
CS 118	Fundamentals of Computer Programming	3
MA 111	Pre-Calculus for Aviation	3
	Social Science Lower-Level Elective	3
UNIV 101	College Success	(1)
Credits Subtotal		15.0

Spring

BA 201	Principles of Management	3
CI 201	Introduction to Linux, Unix, Windows, and Scripting	3
CS 125	Computer Science I	4
	Humanities Lower-Level Elective	3
MA 112	Applied Calculus for Aviation	3
Credits Subtotal		16.0

Sophomore Year

Fall		Credits
COM 223	Intelligence Writing	3
CS 213	Introduction to Computer Networks	3
CS 315	Data Structures and Analysis of Algorithms	3
MA 225	Introduction to Discrete Structures	3
	Natural Science Elective	3
Credits Subtotal		15.0

Spring

ACC 210	Financial Accounting	3
CI 311	Securing Computer Networks	3
CS 303	Cryptography and Network Security	3
MA 314	Applied Linear Algebra & Statistics	3
	Natural Science Elective with Lab	4
Credits Subtotal		16.0

Junior Year

Fall		Credits
CI 320	Ethical Hacker - Pen Testing	3
CI 330	Software Security	3
CS 304	Introduction to Computer Forensics	3
	Humanities or Social Science Lower-Level Elective	3
SIS 210	Security Fundamentals	3
Credits Subtotal		15.0

Spring

CI 340	Database System Security	3
CI 450	Computer Forensics II	3
COM 219	Speech	3
	Open Elective	3
SIS 315	Studies in Global Intelligence I	3
Credits Subtotal		15.0

Senior Year

Fall		Credits
ACC 329	Forensic Accounting and Fraud Examination	3
CI 460	Big Data Analytics and Machine Learning	3

CS 420	Operating Systems	3
	Humanities or Social Science Upper-Level Elective	3
	Open Elective	4
Credits Subtotal		16.0

Spring

CI 310	Intelligence, Surveillance and Reconnaissance	3
CI 410	Malware Analysis	3
CS 432	Information and Computer Security	3
	Senior Capstone	3
Credits Subtotal		12.0
Credits Total:		120.0