



Bachelor of Science in Cyber Operations Four-Year Degree Plan

This is offered as a guide for academic planning and includes courses required for the Cyber Operations degree.

Note: Semester schedules are subject to change, and courses listed below serve as a recommendation only. The Area refers to the check-sheet's areas.

Year 1

Course		Hours	Area
Composition I	ENGL 1101	3	A
Pre-Calculus	MATH 1113	3	A
Public Speaking	COMM 1110	3	B
US History	HIST 2111/2	3	E
Area E elective		3	E
Total Hours		15	

Course		Hours	Area
Composition II	ENGL 1102	3	A
Academic Inquiry	INQR 1000	1	B
Calculus I	MATH 2011	4	D
Am. Government	POLS 1101	3	E
Programming I	CSCI 1301	4	F
Wellness Activity		1	
Total Hours		16	

Year 2

Course		Hours	Area
Humanities elective		3	C
Calculus II	MATH 2012	4	F
Programming II	CSCI 1302	3	F
Network & Cybr Security	CYBR 2600	4	F
Wellness	WELL 1000	2	
Total Hours		16	

Course		Hours	Area
Humanities elective		3	C
Social Science elective		3	E
Ethics in CS	CSCI 2700	2	F
Elementary Statistics	MATH 1401	3	CS
Data Structures	CSCI 3400	3	CS
Wellness Activity		1	
Total Hours		15	

Year 3

Course		Hours	Area
1 st Science Elective	PHYS/CHEM/BIOL	4	D
Math Structures	CSCI 3030	3	CS
Computer Organization	CSCI 3170	3	CS
Low-Level Program	CSCI 3371	3	CS
TCP/IP	AIST 3320	3	Cybr
Total Hours		16	

Course		Hours	Area
2 nd Science Elective	PHYS/CHEM/BIOL	4	D
Theory of Computation	CSCI 3500	3	CS
Database Systems	CSCI 3410	3	CS
Math Elective from list		3	CS
Intro to Def Cyber Ops	CYBR 3100	3	Cybr
Total Hours		16	

Year 4

Course		Hours	Area
Software Engineering	CSCI 4711	3	CS
Operating Systems	CSCI 3271	3	CS
Hardware	CSCI 4532	3	Cybr
Cellular & Mobile	AIST 3360	3	Cybr
Cyber Intel & Policy	POLS 4920	3	Cybr
Total Hours		15	

Course		Hours	Area
Capstone Project	CSCI 4712	4	CS
Malware Analysis	CSCI 4531	3	Cybr
Network Def & Counter	CYBR 3200	3	Cybr
CS Elective		3	CS
General Elective		3	
Total Hours		16	