



COMPUTER INFORMATION SYSTEMS CYBER SECURITY CONCENTRATION

BBA

General Education Core			
Course No.	Title	Hrs	Prerequisites and Minimum Classification
Maximum 15 credits of "Ds" and minimum grade of "C" for MATH courses.			
*If placed into MATH 156 first, then these 4 credit hours must be achieved through alternative elective(s).			
ECON 001	Principles of Economics I	3	<i>View the Howard Course Catalog or contact the Department coordinating the course</i>
ECON 002	Principles of Economics II	3	
ECON 180	Statistics for Business & Economics	3	
ENGW	English Writing Requirements	6	
HIST or POLS	History or Political Science Elective	3	
MATH 007 or MATH 010*	Pre-Calculus or College Algebra II	4	
MATH 026 or MATH 156	Applied Calculus or Calculus I	4	
	Afro-American Elective	3	
	Business Elective	3	
	Business or General Electives	9	
	One or Two General Elective(s)	2 - 3	
	Foreign Language Requirements	6	
	Science Elective	3 - 4	

Total Credit Hours 52

Business Core			
Maximum 6 credits of "Ds" and minimum grade of "C" in ACCT 201 and INFO 204.			
ACCT 201	Accounting Principles I	3	MATH 006 (C)
ACCT 202	Accounting Principles II	3	ACCT 201 (C); MATH 007/010 (C)
BCOM 320	Business Communication	3	ENGW 101/102/104; ENGW 103/105; MATH 026/156 (C); Sophomore
BEEN 330 or MGMT 351	Managerial Economics or Entrepreneurship	3	ECON 001; ECON 002; INFO 311; MATH 025/156 (C) or FINA 311/312; MATH 026/156 (C); MGMT 301; MKTG 301; Junior
BLAW 305	Business Law I	3	MATH 026/156 (C); Junior
FINA 311	Finance Principles	3	ACCT 202; ECON 001; ECON 002; MATH 026/156 (C); Junior
INFO 010	Business Problem Solving	2	None
INFO 204	Management Info Systems	3	INFO 010
INFO 311	Quantitative Business Analysis	3	ECON 180; INFO 204; MATH 026/156 (C); Junior
INFO 335	Production & Operations Mgmt	3	INFO 311; Junior
MGMT 001	Career Counseling	1	MGMT 011
MGMT 010	Business Orientation	1	None
MGMT 011	Business Orientation II	1	MGMT 010
MGMT 301	Management & Org. Behavior	3	ACCT 201 (C); ECON 001; ECON 002; MATH 026/156 (C); Sophomore
MGMT 390	Business Policy	3	MGMT 301; Senior
MKTG 301	Principles of Marketing	3	ACCT 201 (C); ECON 001; ECON 002; MATH 026/156 (C)

Total Credit Hours 41

Major Core			
Minimum 2.5 GPA and grade of "C."			
INFO 210	Introduction to Software Design	3	INFO 204 (C)
INFO 330	Database Management	3	INFO 210 (C)
INFO 340 or INFO 341	Intro to C++ or Intro to Java	3	INFO 210 (C)
INFO 370	Systems Analysis and Design	3	INFO 330 (C); Junior
INFO 398	Info Systems Consulting	3	INFO 330 (C); INFO 370 (C); Senior

Total Credit Hours 15

Concentration Requirements			
Minimum 2.5 GPA and grade of "C."			
INFO 391	Intro to Information Security	3	INFO 210 (C)
INFO 393	Network/Internet Security Mgmt	3	INFO 210 (C)
INFO 395	Information Assurance	3	INFO 204 (C)
INFO 384 or INFO 397	Business Analytics or Immersive Lab	3	<i>Varies based on chosen course</i>

Total Credit Hours 12

Total Credit Hours Required for Graduation in Program 120

Minimum 2.0 Cumulative GPA

Effective Fall 2022

Rev'd SP24

COMPUTER INFORMATION SYSTEMS BBA CYBER SECURITY CONCENTRATION FOUR-YEAR EXAMPLE SCHEDULE

First Year						
Course No.	Course Title	Hrs		Course No.	Course Title	Hrs
First Semester			Second Semester			
ENGW XXX	English Writing Requirement 1	3		ENGW XXX	English Writing Requirement 2	3
INFO 010	Business Problem Solving	2		MATH 026	Applied Calculus	4
MATH 010	College Algebra II	4		MGMT 011	Business Orientation II	1
MGMT 010	Business Orientation	1			Business Elective	3
	Afro-American Elective	3			Foreign Language 2	3
	Foreign Language 1	3			General Elective	1
Total Credit Hours		16		Total Credit Hours		15
Second Year						
First Semester			Second Semester			
ACCT 201	Accounting Principles I	3		HIST or POLS	History or Political Science Elective	3
ECON 001	Principles of Economics I	3		ACCT 202	Accounting Principles II	3
ECON 180	Statistics: Bus & Economics	3		ECON 002	Principles of Economics II	3
INFO 204	Management Information Syst	3		INFO 210	Intro to Software Design	3
MGMT 001	Career Counseling	1		BCOM 320	Business Communication	3
	General Elective	1				
Total Credit Hours		15		Total Credit Hours		15
Third Year						
First Semester			Second Semester			
INFO 311	Quantitative Business Analysis	3		BLAW 305	Business Law I	3
INFO 340 or INFO 341	Programming Language	3		FINA 311	Finance Principles	3
MGMT 301	Management & Org Behavior	3		INFO 330	Database Management	3
MKTG 301	Principles of Marketing	3		INFO 335	Production & Operations Mgmt	3
	Science Elective	3-4		INFO 391	Intro to Information Security	3
Total Credit Hours		15		Total Credit Hours		15
Fourth Year						
First Semester			Second Semester			
INFO 370	Systems Analysis & Design	3		INFO 398	Information Systems Consulting	3
INFO 393	Network/Internet Security Mgmt	3		INFO 395	Information Assurance	3
BEEN 330 or MGMT 351	Managerial Economics or Entrepreneurship	3		MGMT 390	Business Policy	3
	Business or General Elective	3		INFO 384 or INFO 397	Business Analytics or Immersive Lab	3
	Business or General Elective	3			Business or General Elective	3
Total Credit Hours		15		Total Credit Hours		15

Total Credit Hours Required for Graduation in Program 120