MANAGEMENT INFORMATION SYSTEMS (BBA) - CYBERSECURITY MANAGEMENT CONCENTRATION

Program Overview

The BBA in Management Information Systems – Cybersecurity Management Concentration provides students with career-ready skills and knowledge to help organizations defend and protect organizational assets against cyber threats. The Cybersecurity Management concentration is designed to build a specific knowledge domain for students who are interested in information security or infrastructure protection positions in government, non-profit, and private industry with a focus on topics including cybersecurity risk management, cybersecurity policies, and practices, digital forensics, information security assurance, and cybersecurity strategy.

Potential Careers include IT Auditor, Risk Analyst, Cybersecurity Analyst, and Cybersecurity Consultant.

Core Requirements

Code	Title	Credit Hours
BBA Core		
Minimum grade of C is required [1]		
BUSA 3115	Business Analytics I	3
BUSA 3116	Managerial Decision Making	3
or MISM 3116	Business Analytics II	
BUSA 3135	International Business	3
BUSA 4000	Business Professional Exit Requirement	0
BUSA 4185	Strategic Management	3
FINC 3105	Principles of Finance	3
MGMT 3115	Principles of Management	3
MISM 3115	Principles of Information Systems Management	3
MKTG 3115	Principles of Marketing	3
BUSA 3126	Business Law	3
BBA Core total		27

[1]   Minimum grade of C is required in your major's prerequisite course and BUSA 4185 Strategic Management

Code	Title	Credit Hours
Core Requirements		
Complete the core requirements for this program		45
Core Total		45
Field of Study Requirements		
Minimum grade of C is required		
ACCT 2101	Principles of Accounting I (Core Requirements)	3
ACCT 2102	Principles of Accounting II	3
BUSA 2100	Introduction to Information Systems in Business	3
BUSA 2115	Introduction to Business	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
Field of Study Requirements Total		18
BBA Program Requirements		
Minimum grade of C is required in your major's prerequisite course		
BUSA 3115	Business Analytics I	3
BUSA 3126	Business Law	3
BUSA 3135	International Business	3
BUSA 4000	Business Professional Exit Requirement	0
BUSA 4185	Strategic Management	3
FINC 3105	Principles of Finance	3
MGMT 3115	Principles of Management	3
MISM 3115	Principles of Information Systems Management	3
MISM 3116	Business Analytics II	3
or BUSA 3116	Managerial Decision Making	
MKTG 3115	Principles of Marketing	3
BBA Program Requirements Total		27
Major Requirements		
Minimum grade of C required		
CPSC 1301K	Computer Science I	4
CYBR 2159	Fundamentals of Computer Networks	3
CYBR 2160	Intro to Information Security	3
CYBR 3106	Cybersecurity Risk Management	3
MISM 3136	Database Design	3
MISM 4168	Systems Analysis & Design	3
MISM 4165	Project Management	3
Major Requirements Total		22
Major Electives		
Minimum grade of C is required in each of the following courses		
Select one of the following options		3
CYBR 3119	Fundamentals of Digital Forensics	
CYBR 3135	Infrastructure Security	
MISM 4899	Independent Study	
Select 6 credits of electives from ACCT/BUSA/MISM/ECON/ENTR/FINC/FTA/MGMT/MKTG	Elective	6
Major Electives Total		9
General Electives		
Unrestricted Electives 1***/2***/3***/4***	Elective	2
General Electives Total		2
Total Credit Hours		**123**

Program Map

Course	Title	Credit Hours
First Year		
Fall		
ENGL 1101	English Composition I (minimum grade of C)	3
MATH 1111	College Algebra (minimum grade of C)	3
AREA D	Non-lab Science	3
HIST 2111 or HIST 2112	U. S. History to 1865 or U. S. History since 1865	3
BUSA 2115	Introduction to Business (minimum grade of C)	3
	Credit Hours	**15**
Spring		
ENGL 1102	English Composition II (minimum grade of C)	3
ECON 2105	Principles of Macroeconomics (minimum grade of C)	3
AREA D	Lab Science	4
AREA B2	ITDS 1779 (2), LEAD 1705 (2), PERS 1506 (1; may be repeated with different topic), PERS 1507 (2)	2
CPSC 1301K	Computer Science I	4
By the end of spring, students should have 30 or more hours and have completed Area A requirements.		
	Credit Hours	**16**
Second Year		
Fall		
AREA B1	COMM 1110 Public Speaking or Foreign Language 1001, 1002, 2001, 2002	3
AREA E	Behavioral Science	3
ACCT 2101	Principles of Accounting I (minimum grade of C)	3
ECON 2106	Principles of Microeconomics (minimum grade of C)	3
AREA C	Fine Arts Elective	3
PEDS Elective		1
	Credit Hours	**16**
Spring		
AREA C	Humanities Elective	3
AREA E	World Culture Elective	3
ACCT 2102	Principles of Accounting II (minimum grade of C)	3
BUSA 2100	Introduction to Information Systems in Business (minimum grade of C)	3
POLS 1101	American Government	3
KINS 1106 or PHED 1205	Lifetime Wellness or Concepts of Fitness	2
At the end of spring, 63 hours (Areas A-F plus Wellness) should be complete.		
	Credit Hours	**17**
Third Year		
Fall		
BUSA 3115	Business Analytics I (minimum 2.0 GPA)	3
BUSA 3135	International Business (minimum 2.0 GPA)	3
CYBR 2159	Fundamentals of Computer Networks (minimum grade of C)	3
MISM 3115	Principles of Information Systems Management (minimum grade of C) (minimum 2.0 GPA)	3
BUSA 3126	Business Law (minimum 2.0 GPA)	3
	Credit Hours	**15**
Spring		
BUSA 3116 or MISM 3116	Managerial Decision Making (minimum 2.0 GPA) or Business Analytics II	3
FINC 3105	Principles of Finance (minimum 2.0 GPA)	3
MGMT 3115	Principles of Management (minimum 2.0 GPA)	3
MISM 3136	Database Design (minimum grade of C)	3
CYBR 2160	Intro to Information Security	3
	Credit Hours	**15**
Fourth Year		
Fall		
MKTG 3115	Principles of Marketing (minimum 2.0 GPA)	3
MISM 4168	Systems Analysis & Design (minimum grade of C)	3
CYBR 3106	Cybersecurity Risk Management (minimum grade of C)	3
AREA I	Business Elective (minimum 2.0 GPA)	3
AREA I	Business Elective (minimum 2.0 GPA)	3
	Credit Hours	**15**
Spring		
BUSA 4185	Strategic Management (minimum grade of C) (minimum 2.0 GPA)	3
BUSA 4000	Business Professional Exit Requirement (minimum 2.0 GPA)	0
MISM 4165	Project Management (minimum grade of C)	3
AREA H	Elective (minimum grade of C)	3
AREA I	General Elective (minimum 2.0 GPA)	3
AREA I	General Elective (minimum 2.0 GPA)	2
	Credit Hours	**14**
	Total Credit Hours	**123**

Admission Requirements

There are no program specific admission requirements.

Additional Program Requirements

All students must earn C or better in Area F, C average in Area G, C or better in Area H and a C average in Area I business electives.