

BBA: Cybersecurity (120 S.H. required to complete the degree)

Name: _____ Adviser: _____



General Education Requirements (42 S.H.)

COMMUNICATION SKILLS (3 S.H.) Choose one of the following: COM 160 Public Speaking, COM 161 Decision Making in Groups, COM 162 Interpersonal Communication or COM 163 Introduction to Communication Skills*		
COM:	3	
WRITING INTENSIVE (W) All students must complete at least one writing-intensive course. W courses can be found in several disciplines. The credits will be counted in the discipline associated with the course. NOTE: WRT101 does not satisfy the writing-intensive requirement.		
Course:	Y/N	
HUMANITIES (15 S.H.) Including 3 of 7 fields: Communication, Fine and Applied Arts (NOTE: only one studio course accepted toward minimum), Humanistic Studies, Literature, Philosophy, History, and Foreign Language. NOTE: For Foreign Language courses you must complete Elementary II or higher before counting Elementary I as Humanities credit.		
Elective:	3	
Elective:	3	
Elective:	3	
Elective:	3	
Elective:	3	
SOCIAL AND BEHAVIOR SCIENCES (12 S.H.)		
PSY 100 Introduction to Psychology	3	
ECO 211 Principles of Macroeconomics	3	
ECO 213 Principles of Microeconomics	3	
Social Science Elective	3	
NATURAL SCIENCES, MATHEMATICS & COMPUTER SCIENCE (10 S.H.) Students must complete one lab science and at least one math or computer science course in this category. NOTE: MAT100 does not satisfy this requirement.		
MAT 118 or MAT 133 or MAT 135 or MAT 181	3-4	
Lab Science:	3-4	
Math/CS/Science Elective	3	
HEALTH PROMOTION AND EXERCISE SCIENCES (2 S.H.)		
HPX 177 Fitness for Life — Lecture	1	
HPX 177 Fitness for Life — Lab	1	

* Overall minimum G.P.A. of 2.30 or better is required for all courses in program.

Major Requirements (33 S.H. BBA Core + 24 S.H. MIS)*

Need 2.0 overall G.P.A. in all major courses

BBA CORE REQUIREMENTS (33 S.H.)		
ACC 201 Financial Accounting	3	
ACC 202 Managerial Accounting	3	
ACC 340 Business Law or JLA 240 Commercial Law	3	
FIN 230 Business Statistics	3	
FIN 310 Principles of Finance	3	
MGT 250 Organizational Behavior	3	
MGT 320 Operations Management	3	
MGT 415 Strategic Management	3	
MIS 260 Information Systems Concepts	3	
MKT 200 Principles of Marketing	3	
MKT 201 Global Environment of Business	3	
CYBERSECURITY MAJOR REQUIREMENTS (27 S.H.)*		
Programming Language (see Major Core Options: Programming Language list)	3	
MIS 301 Database Applications in Business	3	
MIS 321 Digital Forensics	3	
MIS/JLA 341 Information Systems Security	3	
MIS 361 Information Assurance	3	
MIS 385 Fundamentals of Data Communication	3	
MIS 389 Information Systems Hardware	3	
MIS 440 Network Security & Defense	3	
MIS 450 Penetration Testing	3	
CYBERSECURITY ELECTIVE REQUIREMENTS FROM LIST (9 S.H.)		
FREE ELECTIVES (9 S.H.)		
Free Elective:		
Free Elective:		
Free Elective:		

Free electives offer an opportunity to complete a minor, study a second language, study abroad, or participate in an internship. Make a plan.

NOTES

MAJOR CORE OPTIONS: PROGRAMMING LANGUAGE	
COMPUTER SCIENCE	
CS 143 Visual Basic	3
CS 140 Introduction to Programming	4
CS 170 Computer Science I: Language	4
CS 171 Computer Science II: Data Structure (pre-req: CS 170)	4
CS 265 Computer Security Implementation with Java	4
MANAGEMENT INFORMATION SYSTEMS	
MIS 280 COBOL	3

CYBERSECURITY ELECTIVES	
COMPUTER SCIENCE	
CS 110 Website Production	3
CS 166 Introduction to UNIX	3
JUSTICE & LAW ADMINISTRATION	
JLA 201 Criminology	3
JLA 225 Principles of Security	3
JLA 260 Principles of Emergency Management & Homeland Security	3
JLA/SOC 336 White Collar Crime	3
JLA 347 Justice Issues in Domestic & Int'l Terrorism	3
JJLA 360 Advanced Issues in Homeland Security (pre-req: JLA 260)	3
MANAGEMENT INFORMATION SYSTEMS	
MIS 307 Social Media in Business	3
MIS 325 Digital Forensics Software	3
MIS481 Management Information Systems	3
MIS 495 Seminar in Management Information Systems	3
MATHEMATICS	
MAT 127 Introduction to Cryptology	3
PSYCHOLOGY	
PSY 205 Social Psychology	3
PSY 207 Organizational Psychology	3

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Four-Year Plan This is a sample sequence of courses. Other combinations are possible.



Prerequisites are in parentheses; see catalog for details.
 Class standing by credit: Freshman: 0-29 credits; Sophomore: 30-59 credits; Junior: 60-89 credits; Senior: 90+ credits

FIRST YEAR (30-31 S.H.)	SEMESTER 1 (15 S.H.)			SEMESTER 2 (15-16 S.H.)		
	WRT 101 Composition I or Writing Intensive	3		Gen Ed: COM 160, 161, 162 or 163	3	
	MAT 100 or Gen Ed Math	3		MAT 118, 133, 135 or 181	3-4	
	Gen Ed: Social Science elective	3		Gen Ed: Humanities or Writing Intensive	3	
	MIS 260 Information Systems Concepts	3		Gen Ed: PSY 100 Introduction to Psychology	3	
Gen Ed: Humanities	3		Gen Ed: Humanities	3		

SECOND YEAR (33 S.H.)	SEMESTER 3 (17 S.H.)			SEMESTER 4 (16 S.H.)		
	ACC 201 Financial Accounting (MAT 098 or appropriate test score)	3		ACC 202 Managerial Accounting (ACC 201, MIS 260 & MAT 100)	3	
	ECO 211 Principles of Macroeconomics (MAT 098 or appropriate test score)	3		MIS or CS Programming Language (MIS 260)	3	
	FIN 230 Business Statistics (MAT 100 or appropriate test score and MIS 260)	3		ECO 213 Principles of Microeconomics	3	
	MGT 250 Organizational Behavior (PSY 100 & Writing Intensive Course)	3		MKT 201 Global Environment of Business (sophomore standing)	3	
	MKT 200 Principles of Marketing (sophomore standing)	3		Gen Ed: Lab Science	3-4	
HPX 177 (lecture & lab)	2					

THIRD YEAR (30 S.H.)	SEMESTER 5 (15 S.H.)			SEMESTER 6 (15 S.H.)		
	ACC 340 Business Law or JLA 240 Commercial Law	3		MIS/JLA 341 Information Systems Security (CS 140 or CS 143 or CS 170 or MIS 260)	3	
	FIN 310 Principles of Finance (ACC 201, ECO 211, and FIN 230)	3		MGT 320 Operations Management (junior standing, FIN 230)	3	
	Gen Ed: Math/Science/Computer Science Elective	3		MIS 389 Information Systems Hardware (MIS 260)	3	
	Gen Ed: Humanities	3		MIS 385 Fundamentals of Data Communication (MIS 260)	3	
	MIS 301 Database Applications in Business (MIS 260)	3		Cybersecurity Elective (select from approved list)	3	
Complete a degree audit and plan for application for graduation						

FOURTH YEAR (30 S.H.)	SEMESTER 7 (15 S.H.)			SEMESTER 8 (15 S.H.)		
	MIS 440 Network Security & Defense (MIS 260, MIS 385)	3		MIS 450 Penetration Testing (MIS 260, MIS 385)	3	
	MIS 361 Information Assurance (MIS/JLA 341)	3		MIS 321 Digital Forensics I (MIS 260)	3	
	Cybersecurity Elective (select from approved list)	3		Cybersecurity Elective (select from approved list)	3	
	MGT 415 Strategic Management (senior standing & GPA > 2.3)	3		Free Elective	3	
Free Elective	3		Free Elective	3		

The number of free electives available will vary based on your initial math and writing placement tests. MAT 100 and WRT 101 if required, count as elective credit. Approved courses for the programming language requirement & Cybersecurity electives are above (prerequisites vary, check catalog).

Please note: None of these courses can be used to satisfy two or more requirements simultaneously. For example, CS 110 can be used to Satisfy the Gen Ed Math/Science elective or the cybersecurity elective, but not both.