



2019 - 2020
Information Systems
Concentration in Assurance Specialist
Bachelor of Science Degree

Fall Year 1		Courses	Credit Hours	
CIS 1110	Computer Operating Systems And Maintenance I and II		3	15
CS 1110	Introduction To Programming		3	
ENG 1010	College Composition I		3	
MTH 1110	College Algebra I		3	
NET 1010	Networking Essentials		3	
Spring Year 1				
		Courses	Credit Hours	
CIS 2210	Database Management And Design		3	15
CS 1010	Principles of Computer Science		3	
ENG 1020	College Composition II		3	
ITS 2310	LINUX I		3	
MTH 2750	Statistical Methods		3	
Fall Year 2				
		Courses	Credit Hours	
ACC 1010	Principles of Accounting I		3	15
CS 2410	Java Programming		3	
ITS 2110	Introduction to Network Security		3	
MTH 1120	College Algebra II		3	
ELECTIVE	Science Elective		3	
Spring Year 2				
		Courses	Credit Hours	
CS 2150	C++ Programming		3	15
MGT 1010	Introduction to Business		3	
PPM 3010	Project Management		3	
SPK 2010	Oral Communications		3	
WRKIT 2010	Work Experience		3	

Fall Year 3		Courses	Credit Hours	
BUS 2110		Business Analytics	3	15
CIS 3510		Systems Modeling and Design	3	
CIS 4210		Database Administration I	3	
MGT 3010		Principles of Management	3	
ITS 3050		Security Policies and Auditing	3	
Spring Year 3				
Spring Year 3		Courses	Credit Hours	
CIS 4310		Enterprise Architecture	3	15
CS 4210		Database Programming I	3	
ITS 3150		Information Systems Threat Assessment	3	
ITS 3250		Securing Systems	3	
MGT 3210		Management Information Systems	3	
Fall Year 4				
Fall Year 4		Courses	Credit Hours	
CIS 4410		IS Strategy, Management and Acquisition	3	15
ITS 3210		Legal and Ethical Issues in Information Technology	3	
ITS 4150		Firewall Concepts	3	
ITS 4050		Internet and Web Security	3	
Select 1 Course from the Following:				
PSY 1010		General Psychology	3	
PSY 1110		Human Psychology	3	
Spring Year 4				
Spring Year 4		Courses	Credit Hours	
CIS 4950		Special Topics In Information Systems	3	15
CIS 4990		Senior Project In Information Systems	3	
ITS 4350		Disaster Recovery	3	
SOC 3210		Cultural Diversity	3	
WRKIT 4010		Work Experience	3	
Program Total				120