



**2018 - 2019**  
**Information Systems**  
**Concentration in Information Assurance**  
**Bachelor of Science Degree**

<b>Fall Year 1</b>		<b>Courses</b>	<b>Credit Hours</b>	
CIS 1110	Computer Operating Systems And Maintenance I and II		3	<b>15</b>
CIS 1110L	Computer Operating Systems And Maintenance I and II Lab		0	
CS 1110	Introduction To Programming		3	
ENG 1010	College Composition I		3	
MTH 1110	College Algebra I		3	
NET 1010	Networking Essentials		3	
NET 1010L	Networking Essentials Lab		0	
<b>Spring Year 1</b>		<b>Courses</b>	<b>Credit Hours</b>	
ACC 1010	Principles Of Accounting I		3	<b>15</b>
CIS 1150	iSeries CL And File Design		3	
CIS 2210	Database Management And Design		3	
ENG 1020	College Composition II		3	
MTH 1120	College Algebra II		3	
<b>Fall Year 2</b>		<b>Courses</b>	<b>Credit Hours</b>	
CS 2410	Java Programming		3	<b>15</b>
ITS 2110	Introduction to Network Security		3	
ITS 2110L	Introduction to Network Security Lab		0	
MGT 1010	Introduction to Business		3	
SPK 2010	Oral Communication		3	
Select 1 Course From The Following:				
PSY 1010	Human Relations		3	
PSY 1110	General Psychology		3	
<b>Spring Year 2</b>		<b>Courses</b>	<b>Credit Hours</b>	
BUS 2110	Business Analytics		3	<b>15</b>
CIS 3510	System Modeling And Design		3	
CS 2150	C++ Programming		3	
ITS 3050	Security Policies And Auditing		3	
ITS 3050L	Security Policies And Auditing Lab		0	
WRKIT 2010	Work Experience		3	

<b>Fall Year 3</b>		<b>Courses</b>	<b>Credit Hours</b>	
CIS 4210	Database Administration I		3	15
ITS 3150	Information Systems Threat Assessment		3	
ITS 3150L	Information Systems Threat Assessment Lab		0	
ITS 3250	Securing Systems		3	
ITS 3250L	Securing Systems Lab		0	
MGT 3010	Principles of Management		3	
MTH 2750	Statistical Methods		3	
<b>Spring Year 3</b>		<b>Courses</b>	<b>Credit Hours</b>	
CIS 4310	Enterprise Architecture		3	15
CS 4210	Database Programming I		3	
ITS 3210	Legal and Ethical Issues In Information Technology		3	
ITS 4150	Firewall Concepts		3	
MGT 3210	Management Information Systems		3	
<b>Fall Year 4</b>		<b>Courses</b>	<b>Credit Hours</b>	
CIS 4410	IS Strategy, Management and Acquisition		3	15
ITS 4050	Internet and Web Security		3	
ITS 4050L	Internet and Web Security Lab		0	
PPM 3010	Project Management		3	
SCI	Science Elective		3	
SOC 3210	Cultural Diversity		3	
<b>Spring Year 4</b>		<b>Courses</b>	<b>Credit Hours</b>	
CIS 4950	Special Topics In Information Systems		3	15
CIS 4990	Senior Project In Information Systems		3	
GEN ED	General Education Elective		3	
ITS 4350	Disaster Recovery		3	
ITS 4350L	Disaster Recovery Lab		0	
WRKIT 4010	Work Experience		3	
<b>Program Total</b>				<b>120</b>