



**INFORMATION ASSURANCE (BS)**  
**2014-2015 RECOMMENDED PROGRAM SEQUENCE (Full-time)**  
**120 CREDITS**

INFO ASSR BS

FRESHMAN YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(15 credits)			(15 credits)
ACES100	Achieving Career and Education Success	3	BITS211	Microcomputer Applications: Spreadsheet	3
CISP111	Requirements Planning and Development	3	COMM120	Presentation Techniques	3
ENGL109	Composition	3	ENGL110	Advanced Composition	3
MATH125	Intermediate Algebra	3	IAAS221	Security Foundations	3
SOSC201	Diversity in Society	3	MATH135	College Algebra	3

SOPHOMORE YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(15 credits)			(15 - 16 credits)
CSCI231	Introduction to Programming	3	ACCT200 <b>or</b> ACCT201	Accounting Basics for Managers <b>or</b> Accounting Foundations I	3-4
IAAS245	Disaster Recovery	3	BUSN210	Professional Ethics	3
NETW101	PC Operating Systems	3	CISP247	Database Design	3
PHYS100 <b>and</b> PHYS100L	Applied Physics <b>and</b> Applied Physics Lab	3	GPMT287	Principles of Project Management	3
STAT220	Introduction to Statistics	3	MGMT211	Management Foundations	3

JUNIOR YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(15 - 16 credits)			(15 credits)
ENGL311	Professional Writing	3	CISP220	Web Page Applications	3
IAAS332	Authentication and Audits	3	CISP253	Perl/Python Programming	3
MATH140 <b>or</b> MATH150 <b>or</b> STAT322	Finite Mathematics <b>or</b> Pre-Calculus <b>or</b> Inferential Statistics	3-4	NETW141	MS Client and Server OS	3
NETW151 <b>or</b> NETW220	Cisco Networking Fundamentals <b>or</b> Data Communications and Networks	3	NETW217	Unix Operating System	3
SOSC301	Globalization and World Diversity	3		Open Elective	3

SENIOR YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(15 credits)			(13 - 15 credits)
CSCI420	Distributed Architectures	3	IAAS490 <b>or</b> TECH489	Information Assurance and Security Internship <b>or</b> Field Experience in Technology	3
IAAS325	Wireless Networking and Security	3	IAAS491	Cryptography	3
IAAS331	Database and Distributed Systems	3	IAAS492	Legal/Ethical Issues Information/Assurance	3
IAAS481	Information Security and Assurance	3	TECH497	College of Technology Capstone	3
	Open Elective	3		Open Elective	1-3