



SECURITY AND INFORMATION ASSURANCE (BS)
MAJOR: INFORMATION AND COMPUTER SECURITY
 2012-2013 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS

SECINFASR BS
IC Major

FRESHMAN YEAR

<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
CISP111	Systems Foundations	3	BITS212	Microcomputer Applications: Database	3
COMM120	Presentation Techniques	3	ENGL110	Advanced Composition	3
ENGL109	Composition	3	ENVS125 or PHYS100 and PHYS100L	Environmental Studies or Applied Physics and Applied Physics Lab	3
FRSM100	Career and Education Seminar	3	IAAS221	Security Foundations	3
MATH125	Intermediate Algebra	3	MATH135	College Algebra	3

SOPHOMORE YEAR

<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
CISP250	Discrete Structures	3	Object Oriented Programming I		3
IAAS245	Disaster Recovery	3	CISP247	Database Design	3
NETW101	PC Operating Systems	3	CISP220	Web Page Applications	3
NETW111 or NETW220	Cisco Networking Fundamentals or Data Communications and Networks	3	IAAS332	Authentication and Audits	3
NETW217	UNIX Operating Systems	3	MGMT211	Management Foundations	3

JUNIOR YEAR

<u>Fall Semester</u>		(15-16 credits)	<u>Winter Semester</u>		(15 credits)
Object Oriented Programming Language II		3	CISP238	Server Side Scripting I	3
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4	IAAS481	Information Security and Assurance	3
IAAS325	Wireless Networking and Security	3	IAAS492 or NETW201	Legal/Ethical Issues in Information/Assurance or PC Management and Maintenance	3
IAAS331	Database and Distributed Systems	3	MATH140 or MATH150 or STAT322	Finite Mathematics or Pre-Calculus or Inferential Statistics	3
STAT220	Introduction to Statistics	3	SOSC201	Diversity in Society	3

SENIOR YEAR

<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(14-15 credits)
BUSN210	Professional Ethics	3	HUMN310-315 Global Cultures: Choice of country or culture		3
GPMT350	Principles of Project Management	3	ENGL311	Professional Writing	3
CISP311	Database Systems	3	IAAS491	Cryptography	3
CISP312	Data Structures	3	TECH497	College of Technology Capstone	3
CISP420 or IAAS421	Distributed Architectures or Computer Forensics	3	Open Elective		2-3