



**SECURITY AND INFORMATION ASSURANCE (BS)**

**MAJOR: BIOMETRIC SECURITY**

**2012-2013 RECOMMENDED PROGRAM SEQUENCE (Full-time)**

**120 CREDITS**

SECINFASR BS  
BIOS Major

FRESHMAN YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
CISP111	Systems Foundations	3	ENGL110	Advanced Composition	3
COMM120	Presentation Techniques	3	ENVS125 or PHYS100 and PHYS100L	Environmental Studies or Applied Physics and Applied Physics Lab	3
ENGL109	Composition	3	IAAS221	Security Foundations	
FRSM100	Career and Education Seminar	3	MATH135	College Algebra	3
MATH125	Intermediate Algebra	3	STAT220	Introduction to Statistics	3

SOPHOMORE YEAR					
<u>Fall Semester</u>		(16 credits)	<u>Winter Semester</u>		(15 credits)
BIOL120	Essentials of Anatomy and Physiology	4	CISP234	C# Programming II	3
BITS212	Microcomputer Applications: Database	3	CISP247	Database Design	3
CISP233	C# Programming I	3	CISP280	Artificial Intelligence	3
CISP250	Discrete Structures	3	IAAS223	Applicable Biometrics	3
IAAS222	Biometrics Fundamentals	3	MGMT211	Management Foundations	3

JUNIOR YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15-16 credits)
CISP325	Data Mining	3	ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4
IAAS340	Biometric ID and Privacy Laws	3	ENGL311	Professional Writing	3
IAAS350	Biometric Algorithms	3	IAAS332	Authentication and Audits	3
MATH140 or MATH150 or STAT322	Finite Mathematics or Pre-Calculus or Inferential Statistics	3	MATH205	Applied Linear Algebra	3
SOSC201	Diversity in Society	3	NETW217	UNIX Operating System	3

SENIOR YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(13-14 credits)
BUSN210	Professional Ethics	3	HUMN310-315	Global Cultures: Choice of country or culture	3
GPMT350	Principles of Project Management	3	IAAS425	Biometric Security Architectures	3
IAAS326	Biometric Spoofing	3	IAAS446	Advances in Biometric Technologies	3
IAAS380	Computer Vision	3	TECH497	College of Technology Capstone	3
IAAS410	Pattern Recognition	3	Open Elective		1-2