DAVENPORT UNIVERSITY

SECURITY AND INFORMATION ASSURANCE (BS)
MAJOR: INFORMATION AND COMPUTER SECURITY
2013-2014 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS

FRESHMAN YEAR

Fall Semester		(15 credits)	Winter Semester		(15 credits)
CISP111	Systems Foundations	3	BITS212	Microcomputer Applications: Database	3
COMM120	Presentation Techniques	3	ENGL110	Advanced Composition	3
ENGL109	Composition	3	PHYS100 **and** PHYS100L	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

Fall Semester		(15 credits)	Winter Semester		(15 credits)
CISP250	Discrete Structures	3		Programming Language 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

Fall Semester		(15-16 credits)	Winter Semester		(15 credits)
	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	Legal/Ethical Issues in Information/Assurance	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

Fall Semester		(15 credits)	Winter Semester		(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	Distributed Architectures	3		Open Elective	2-3