DAVENPORT UNIVERSITY

CYBER DEFENSE, BS
SPECIALTY: INFORMATION ASSURANCE
2019-2020 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS

CYBER DEF BS (IASP)

FRESHMAN YEAR

Fall Semester		(15-16 credits)	Winter Semester		(15 credits)
ACES100	Achieving Career and Education Success	3	COMM120	Presentation Techniques	3
ENGL109	Composition	3	ENGL110	Advanced Composition	3
MATH135 or MATH150 or MATH215	College Algebra or Pre-Calculus or Calculus I	3-4	IAAS221	Security Foundations	3
SOSC201	Diversity in Society	3	NETW101	PC Operating Systems	3
	Open Elective	3		Science Elective	3

SOPHOMORE YEAR

Fall Semester		(15 credits)	Winter Semester		(15-16 credits)
CISP253	Perl/Python Programming	3	ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4
IAAS245	Disaster Recovery	3	BITS211	Microcomputer Applications: Spreadsheet	3
NETW141	MS Client and Server OS	3	BUSN210	Professional Ethics	3
MGMT211	Management Foundations	3	CISP247	Database Design	3
STAT220	Introduction to Statistics	3	NETW217	Unix Operating System	3

JUNIOR YEAR

Fall Semester		(15 credits)	Winter Semester		(15 credits)
ENGL311	Professional Writing	3	GPMT287	Principles of Project Management	3
IAAS332	Authentication and Audits	3	IAAS256	Windows Digital Forensics	3
NETW151 or NETW220	Cisco Networking Fundamentals or Data Communications and Networks	3	NETW241	MS Implement Network Infrastructure	3
SOSC301	Globalization and World Diversity	3		Open Elective	6
	Open Elective	3			

SENIOR YEAR

Fall Semester		(15 credits)	Winter Semester		(13-15 credits)
IAAS481	Information Security and Assurance	3	IAAS490 or TECH489	Information Assurance and Security Internship or Field Experience in Technology	3
NETW235	UNIX Server Administration	3	IAAS491	Cryptography	3
NETW325	Wireless Networking and Security	3	IAAS492	Legal/Ethical Issues in Information Assurance	3
	Open Elective	6	TECH497	College of Technology Capstone	3
				Open Elective	1-3

This information is subject to change and cannot be considered an agreement or contract between individual students and Davenport University. Refer to the current University catalog to confirm degree requirements.