



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

**CYBER DEF BS (HIAS)**

FRESHMAN YEAR						
<u>Fall Semester</u>			(15-16 credits)	<u>Winter Semester</u>		(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						
<u>Fall Semester</u>			(15 credits)	<u>Winter Semester</u>		(15-16 credits)
CISP253	Perl/Python Programming	3		ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4
MGMT211	Management Foundations	3		BITS211	Microcomputer Applications: Spreadsheet	3
NETW141	MS Client and Server OS	3		BUSN210	Professional Ethics	3
STAT220	Introduction to Statistics	3		CISP247	Database Design	3
	Open Elective	3		NETW217	Unix Operating System	3
JUNIOR YEAR						
<u>Fall Semester</u>			(15 credits)	<u>Winter Semester</u>		(15 credits)
ENGL311	Professional Writing	3		GPMT287	Principles of Project Management	3
HLTH210	Health Care Organizations and Systems	3		HINT340	Privacy, Security, and Training in Health Information Management	3
NETW151 or NETW220	Cisco Networking Fundamentals or Data Communications and Networks	3		IAAS256	Windows Digital Forensics	3
SOSC301	Globalization and World Diversity	3		NETW241	MS Implement Network Infrastructure	3
	Open Elective	3			Open Elective	3
SENIOR YEAR						
<u>Fall Semester</u>			(15 credits)	<u>Winter Semester</u>		(13-15 credits)
HINT350	Clinical Information Systems	3		HINT400	Management Information Systems	3
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		IAAS492	Legal/Ethical Issues in Information Assurance	3
	Open Electives	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.

Last Updated:

Finalized: 12/6/2018 LGD