



**COMPUTER INFORMATION SYSTEMS (BS)
SECURE SOFTWARE DEVELOPMENT SPECIALTY
2018-2019 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS**

CINFO SYS BS (SSDS)

FRESHMAN YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15-16 credits)
ACES100	Achieving Career and Education Success	3	CISP247	Database Design	3
CISP111	Requirements Planning and Development	3	COMM120	Presentation Techniques	3
ENGL109	Composition	3	CSCI231	Introduction to Programming	3
	Open Electives	6	ENGL110	Advanced Composition	3
			MATH215 or MATH140	Calculus I or Finite Mathematics	3 or 4
SOPHOMORE YEAR					
<u>Fall Semester</u>		(15-16 credits)	<u>Winter Semester</u>		(15 credits)
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3 or 4	BUSN210	Professional Ethics	3
CISP220	Web Page Applications	3	CISP309	Database Systems	3
GPMT287	Principles of Project Management	3	CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object-Oriented Programming with Java	3
MGMT211	Management Foundations	3	DATA275	Data Analytics and Methods	3
SOCS201	Diversity in Society	3	STAT220	Introduction to Statistics	3
JUNIOR YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
CISP238	Server Side Scripting I	3	CISP211	E-Business Technologies	3
CISP340	Mobile Application Development I	3	ENGL311	Professional Writing	3
CSCI260	Software Engineering	3	SOSC301	Globalization & World Diversity	3
CSCI312	Data Structures and Algorithms	3		Open Electives	6
MATH250	Discrete Structures	3			
SENIOR YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
CISP401	Systems Analysis and Design	3	CSCI460	Software Evaluation & Testing	3
CSCI342	Advanced Object-Oriented Programming	3	IAAS482	Vulnerability Assessment	3
CSCI360	Secure Software Analysis & Design	3	TECH497	College of Technology Capstone	3
TECH489 or CISP490	Field Experience in Technology or Computer Information Systems Internship	3		Open Electives	6
	Open Elective	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:

11/30/2017

Finalized: GZ