



**COMPUTER INFORMATION SYSTEMS (BS)  
WEB AND MOBILE DEVELOPMENT SPECIALTY  
2019-2020 RECOMMENDED PROGRAM SEQUENCE (Full-time)  
120 CREDITS**

**CINFO SYS BS (WMDS)**

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
			MATH140 or MATH215	Finite Mathematics or Calculus I	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	3 or 4	BUSN210	Professional Ethics	3
GPMT287	Principles of Project Management	3	CISP220	Web Page Applications	3
MGMT211	Management Foundations	3	CISP309	Database Systems	3
SOSC201	Diversity in Society	3	CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object-Oriented Programming with Java	3
	Open Elective	3	STAT220	Introduction to Statistics	3
JUNIOR YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
BITS301	Image Editing Applications	3	CISP211	E-Business	3
CISP238	Server Side Scripting I	3	CISP310	Server Side Scripting II	3
CSCI312	Data Structures and Algorithms	3	DATA275	Data Analytics and Methods	3
MATH250	Discrete Structures	3	SOCS301	Globalization and World Diversity	3
	Open Elective	3		Open Elective	3
SENIOR YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(13-15 credits)
CISP303	Web Development	3	CISP316	Web Design	3
CISP340	Mobile Application Development I	3	CISP341	Mobile Application Development II	3
CISP401	Systems Analysis and Design	3	ENGL311	Professional Writing	3
CSCI342	Advanced Object-Oriented Programming	3	TECH497	College of Technology Capstone	3
CISP490 or TECH489	CIS Internship or Field Experience in Technology	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: 10/11/2018

Finalized: GZ