

**COMPUTER INFORMATION SYSTEMS (BS):
DATABASE AND DATA ANALYTICS SPECIALTY**
2019-2020 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS

CINFO SYS BS (DBAS)

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
GPMT287	Principles of Project Management	3	CISP309	Database Systems	3
MGMT211	Management Foundations	3	CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object-Oriented Programming with Java	3
SOCS201	Diversity in Society	3	SOSC301	Globalization	3
	Open Elective	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
CSCI312	Data Structures and Algorithms	3	CISP220	Web Page Applications	3
DATA275	Data Analytics and Methods	3	CSCI280	Artificial Intelligence	3
MATH250	Discrete Structures	3		Open Elective	6
STAT322	Inferential Statistics	3			
SENIOR YEAR					
<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 Credits)
CISP340	Mobile Application Development I	3	CISP446	Data Warehousing	3
CISP401	Systems Analysis and Design	3	CSCI325	Deep Learning	3
CSCI342	Advanced Object-Oriented Programming	3	ENGL311	Professional Writing	3
CSCI420	Parallel and Distributed Systems	3	TECH497	College of Technology Capstone	3
TECH489 or CISP490	Field Experience in Technology or Computer Information Systems Internship	3		Open Electives	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