



COMPUTER INFORMATION SYSTEMS (BS)
MAJOR: DATABASE MANAGEMENT
2013-2014 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS

COMPTINFO BS
DBM Major

FRESHMAN YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(15 credits)			(15-16 credits)
CISP111	Systems Foundations	3	BITS212	Microcomputer Applications: Database	3
COMM120	Presentation Techniques	3	ENGL110	Advanced Composition	3
ENGL109	Composition	3	PHYS100 and PHYS100L	Applied Physics and Applied Physics Lab	3
FRSM100	Career and Education Seminar	3	MATH135 or MATH150	College Algebra or Pre-Calculus	3-4
MATH125	Intermediate Algebra	3	SOSC201	Diversity in Society	3

SOPHOMORE YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(15 credits)			(15 credits)
	Programming Language I	3		Programming Language II	3
CISP220	Web Page Applications	3	BUSN210	Professional Ethics	3
CISP250	Discrete Structures	3	CISP247	Database Design	3
NETW101	PC Operating Systems	3	IAAS221	Security Foundations	3
NETW217	UNIX Operating Systems	3	NETW141	MS Client and Server OS	3

JUNIOR YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(16 credits)			(15 credits)
CISP275	Database Administration	3	CISP280	Artificial Intelligence	3
CISP311	Database Systems	4	CISP312	Data Structures	3
ENGL311	Professional Writing	3	IAAS331	Database and Distributed Systems	3
NETW243	MS Administrator SQL Server	3	ENVS125 or MATH140	Introduction to Environmental Science or Finite Mathematics	3
STAT220	Introduction to Statistics	3	MGMT211	Management Foundations	3

SENIOR YEAR					
<u>Fall Semester</u>			<u>Winter Semester</u>		
		(15-16 credits)			(15 credits)
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4	CISP410	Systems Integration	3
CISP325	Data Mining	3	CISP446	Data Warehousing	3
CISP328	Database Programming	3	HUMN310-315	Global Cultures: choice of country or culture	3
CISP420	Distributed Architectures	3	STAT322	Inferential Statistics	3
GPMT350	Principles of Project Management	3	TECH497	College of Technology Capstone	3