



COMPUTER INFORMATION SYSTEMS (BS)
MAJOR: DATABASE MANAGEMENT
 2012-2013 RECOMMENDED PROGRAM SEQUENCE (Full-time)
 120 CREDITS

COMPTINFO BS
DBM Major

FRESHMAN YEAR

Fall Semester		(15 credits)	Winter Semester		(15 credits)
CISP111	Systems Foundations	3	BITS212	Microcomputer Applications: Database	3
COMM120	Presentation Techniques	3	ENGL110	Advanced Composition	3
ENGL109	Composition	3	ENVS125 or PHYS100 and PHYS100L	Environmental Studies or Applied Physics and Applied Physics Lab	3
FRSM100	Career and Education Seminar	3	MATH135	College Algebra	3
MATH125	Intermediate Algebra	3	SOSC201	Diversity in Society	3

SOPHOMORE YEAR

Fall Semester		(15 credits)	Winter Semester		(15 credits)
Object Oriented Programming Language I		3	Object Oriented 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

Fall Semester		(16 credits)	Winter Semester		(15 credits)
CISP311	Database Systems	4	CISP280	Artificial Intelligence	3
ENGL311	Professional Writing	3	CISP312	Data Structures	3
NETW243	MS Administrator SQL Server	3	IAAS331	Database and Distributed Systems	3
STAT220	Introduction to Statistics	3	MATH140 or MATH150 or STAT322	Finite Mathematics or Pre-Calculus or Inferential Statistics	3
Open Elective		3	MGMT211	Management Foundations	3

SENIOR YEAR

Fall Semester		(12-13 credits)	Winter Semester		(15-16 credits)
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4	HUMN310-315	Global Cultures: choice of country or culture	3
CISP325	Data Mining	3	TECH497	College of Technology Capstone	3
CISP420	Distributed Architectures	3	Open Elective		9-10
GPMT350	Principles of Project Management	3			