



**COMPUTER INFORMATION SYSTEMS (BS)**  
**MAJOR: WEB DESIGN AND DEVELOPMENT**  
 2012-2013 RECOMMENDED PROGRAM SEQUENCE (Full-time)  
 120 CREDITS

COMPTINFO BS  
WDD Major

FRESHMAN YEAR							
<u>Fall Semester</u>			(15 credits)	<u>Winter Semester</u>			(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		MGMT211	Management Foundations	3	

SOPHOMORE YEAR							
<u>Fall Semester</u>			(15-16 credits)	<u>Winter Semester</u>			(15 credits)
Object Oriented Programming Language I			3	Object Oriented Programming Language II			3
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4		CISP211	E-Business Foundations	3	
CISP220	Web Page Applications	3		CISP237	Java Programming I	3	
CISP250	Discrete Structures	3		CISP247	Database Design	3	
NETW217	UNIX Operating Systems	3		SOSC201	Diversity in Society	3	

JUNIOR YEAR							
<u>Fall Semester</u>			(15 credits)	<u>Winter Semester</u>			(16 credits)
BITS301	Image Editing Applications	3		BITS303	Web Authoring	3	
CISP238	Server Side Scripting I	3		BUSN210	Professional Ethics	3	
ENGL311	Professional Writing	3		CISP310	Server Side Scripting II	3	
STAT220	Introduction to Statistics	3		CISP311	Database Design	4	
Open Elective		3		MATH140 or MATH150 or STAT322	Finite Mathematics or Pre-Calculus or Inferential Statistics	3	

SENIOR YEAR							
<u>Fall Semester</u>			(12 credits)	<u>Winter Semester</u>			(16-17 credits)
BITS302	Graphic Illustration Software	3		CISP405	B2B E-Commerce	3	
CISP316	Web Design	3		HUMN310-315	Global Cultures: choice of country or culture	3	
GPMT350	Principles of Project Management	3		TECH497	College of Technology Capstone	3	
Open Electives		3		Open Electives		7-8	