Department of Computer Information Systems - B.S. - Computer Information Systems

REVISED PROGRAM

FIXED/REQUIRED CORE

Course	Course Title	Credits
English Composition		
ENGL 112	College Composition I	3
ENGL 150	College Composition II	3
Mathematics and Quantitative Reasoning		
MTH 115	Nature of Mathematics	3
RECOMMENDED MATH COURSE: MTH 136 Algebra/Trigonometry		
Life and Physical Sciences		
BIO 101 **OR**	Introduction to the Science of Biology **OR**	
PHS 101	Introduction to Physical Science **(RECOMMENDED)**	3
TOTAL		**12**

FLEXIBLE CORE

World Cultures and Global Issues		
ENGL 212	World Literature: The Evolving Canon	3
U.S. Experience in its Diversity		
HIST 200	The Growth and the Development of the U. S.	3
Creative Expressions		
ART 100	Introduction to World Art	3
MUS 100	Introduction to World Music	3
Individual and Society		
SSC 101	Culture, Society, and Social Change	3
Scientific World		
BIO 211	Biotechnology & Society	3
TOTAL		**18**

COLLEGE OPTION

Electives from College Option (*See Selections Below*)

SOCIO-CULTURAL COURSES

ECON 330 Global Trade and Political Economy

INTEGRATIVE KNOWLEDGE COURSES

Choose 1 course from each group:

HUMANTIES:

ENGL 333 **OR**

ENGL 363 **OR**

ENGL 370 **OR**

REL 301 **OR**

REL 402

NATURAL SCIENCE OR MATH:

ENVS 200 Environmental Science

SOCIAL & BEHAVIORAL SCIENCES:

ECON 430 War on Drug **OR**

HIST 300 Women Leaders in Civil Rights **OR**

MASS 473 Hip Hop: Political, Historical, Social

TOTAL		**12**
	MAJOR REQUIREMENTS and ELECTIVES	
ACCT 217	Principles of Accounting I	3
ACCT 227	Principles of Accounting II	3
BUS 402	Business Ethics	3
CIS 101	Computers, Technology & Society	3
CIS 201 **OR**	Operating Systems **OR**	
CIS 262	Business Data Networks	3
CIS 211	Internet & Emerging Technologies	3
CIS 225	Foundations of Computer Information Systems Using C++	3
CIS 232	Introduction to Programming	3
CIS 261	Contemporary Computer Systems	3
CIS 300 **OR**	Data Structures for Business Apps **OR**	
CIS 311	Systems Development & Implementation	3
CIS 310	Computer Graphics	3
CIS 313	Digital Media	3
CIS 401 **OR**	CIS Internship **OR**	
CIS 413	Advanced Internet & Emerging Technologies	3
CIS 444	Applied Systems Development	3
ECON 212	Principles of Macroeconomics	3
FIN 250	Introduction to Business Finance	3
LAW 208	Legal Environment of Business	3
MAN 200	Principles of Management	3
MTH 213	Introduction to Statistics	3
Concentration	See Below	15
Open Electives		6
TOTAL		**78**
GRAND TOTAL		**120**
	CONCENTRATIONS (choose one)	
	Systems Analysis & Design	
CIS 320	Fundamentals of E-Commerce	3
CIS 332	Advanced Programming	3
CIS 340	Visual Basic	3
CIS 400	Database Management Systems	3
CIS Elective	300 or 400 level	3
	Network Systems Management	
CIS 323	Network Operating Systems	3
CIS 331	Information Security	3
CIS 403	Computer Networks	3
CIS 423	Distributed & Client/Server Computing	3
CIS 300 or 400 level	Elective	3