SCHOOL OF SCIENCES AND MATHEMATICS

2012-13 Computer Science-IS Degree Plan

FIRST YEAR - FRESHMAN							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CIS	170	Intro to Programming	3	CIS	171	Computer Programming 1[3]	3
ENG	101	English Composition I[1]	3	CIS	180	Intro to System Admin	3
MAT	120	Precalculus[3]	4	ENG	102	English Composition II[1]	3
BIO		Biology[1]	3	MAT	122	Analytics & Calculus I[2,3]	5
ACA	150	University Foundations[1]	1	BIB	122	Acts of the Apostles[1]	2
BIB	121	Life of Christ[1]	2	PEA	100	Lifetime Wellness[1]	1
			16				17

SECOND YEAR - SOPHOMORE							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CIS	272	Computer Programming II[3]	3	CIS	274	Algorithms & Data Structures[3]	3
CIS	267	Visual App. Programming[3]	3	CIS	268	Web App. Programming[3]	3
CIS	211	Intro to Web Design	3	CIS	345	Computer Networks[3]	3
ENG		Literature[1]	3	MAT	240	Discrete Mathematics[3]	3
PEA		PEA Activity[1]	1	COM	140	Speech Communication[1]	3
BIB		Bible	2	BIB		Bible	2
			15				17

THIRD YEAR - JUNIOR							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CIS	441	System Admin. & Security[3,4]	3	CIS	324	Database Systems[3,4]	3
MIS	221	Managmt Info Systems	3	MIS	420	Info Systems Management[3]	3
		Behavioral Science[1]	3	CIS	497	Internship	3
BIB		Bible	2	HIS		History[1]	3
		Fine Arts[1]	3	BIB	346	Foundations of Faith[1]	3
		Chemistry or Physical Sci[1]	3				
			17				15

FOURTH YEAR - SENIOR							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CIS	445	Advanced Networks[3,4]	3	CIS	460	Operating Systems[3,4]	3
CIS		CIS 200-400 Level Elective	3	CIS	491	Advanced Topics in CS[3]	3
MAT	235	Introductory Statistics[3]	3			Electives	3
MGT	241	Principles of Management	3			Humanities[1]	3
BIB		Bible	2	BIB	495	Values in Human Thought[1]	3
			14				15

[1] Satisfies general education requirement

[2] General education course requirements in *Undergraduate Catalog*

[3] Course has prerequisite. See corresponding *Undergraduate Catalog*

[4] Course offered once every two years. See corresponding *Undergraduate Catalog*

ADDITIONAL ITEMS RELATED TO THE MAJOR

The following guidelines are important. Failure to follow these guidelines may delay graduation.

1. Plan schedules carefully. Plan to fulfill prerequisites for future courses.
2. Do not alter the sequence of courses without consulting with your academic adviser as not all classes are offered every semester.
3. Before the enrollment period, check to make sure holds will not prevent you from registration.
4. Register for classes early during the registration period to secure classes.

The Four-Year Degree Plan is a suggested plan of study. This plan does not replace the Undergraduate Catalog. The Undergraduate Catalog provides the official listing of program requirements.

2012-13 Undergraduate General Education Course Requirements

I. Biblical Values	
A. Bible	
BIB 121 & 122 & 346 OR 446	7
B. Values	
HUM 495/BIB 495	3
II. Basic Skills	
A. Written Communication	
ENG 101 AND ENG 102	6
B. Oral Communication	
COM 140	3
C. Quantitative Reasoning	
MAT 100 **OR** MAT 101 **OR** MAT 120 **OR** MAT 122	3
D. University Foundations	
ACA 150	1
E. Physical Fitness	
PEA 100 AND Any PEA course	2
Complete course names and descriptions for the General Education Course Requirements are located in the Undergraduate Catalog.	

III. Broadened Perspectives	
A. Behavioral Sciences	
FAM/SOC 230 OR PSY 210 OR SOC 241 OR SOC 251	3
B. Natural Sciences	
BIOLOGY: BIO 100 OR BIO 110 OR BIO 111 OR BIO 112 OR BIO 211	3
CHEMISTRY OR PHYSICAL SCI: CHE 111 OR CHE 121 OR PHS 111 OR PHS 112 OR PHS 201 OR PHS 211	3
C. Arts and Humanities	
HISTORY: HIS 111 OR HIS 112 OR HIS 221 OR HIS 222	3
LITERATURE: ENG 225 OR ENG 226 OR ENG 235 OR ENG 236 OR ENG 245 OR ENG 246	3
FINE ARTS: ART 110 OR ART 234 OR MUS 110 OR MUS 214 OR THE 160 OR THE 265	3
HUMANITIES: HUM 299A OR HUM 310 OR HUM 320 OR PHI 243 OR PHI 245 OR PHI 246 OR POL 231 OR POL 251 OR FRE 111 OR FRE 120 OR SPA 131	3