

COLLEGE OF ARTS AND SCIENCES

BACHELOR DEGREE IN COMPUTER SOFTWARE AND SECURITY

FRESHMAN SEMESTER 1

NO.	COURSE CODE	TITLE	CREDIT HRS.	REQUIREMENT	PREREQUISITES
1	COMM1301	Intro to Communication	3	GE - Communications	
2	MATH1301	College Algebra	3	GE- Quantitative Literacy	
3	CSIT1301	Computer Literacy	3	GE - IT Literacy & Program Course	
4	CSIT1302	Principles of Information Systems	3	Program Course	
5	CSIT1403	Introduction to Programming	4	Program Course	
			16 CH		

FRESHMAN SEMESTER 2

1		From selection as per program needs	3	GE - Social Sciences	
2	PHYS1401	Physics & Lab	4 (3TH + 1 PRAC)	GE - Natural Sciences	
3	CSIT1304	Computer Ethics	3	Program Course	
4	CSIT1405	Database Systems I	4	Program Course	
5	CSIT1306	Human-Computer Interaction	3	Program Course	CSIT1302
			17 CH		

SOPHOMORE SEMESTER 3

NO.	COURSE CODE	TITLE	CREDIT HRS.	REQUIREMENT	PREREQUISITES
1	COMM2301	Academic Writing	3	GE-Communications	
2		From selection as per program needs	3-4	GE- Natural Sciences	
3	CSIT2307	Web Application Development I	3	Program Course	
4	CSIT2308	Network Essentials	3	Program Course	
5	MATH1321	Calculus I	3	GE- Quantitative Literacy & Program Course	

15-16 CH

SOPHOMORE SEMESTER 4

1		From selection as per program needs	3	GE - Humanities	
2	CSIT2309	Data Structure and Algorithm	3	Program Course	
3	CSIT2410	Object Oriented Programing	4	Program Course	CSIT1403
4	CSIT2411	Database Systems II	4	Program Course	CSIT1405, CSIT2307
5	CSIT2312	Cyber Security	3	Program Course	CSIT1403, CSIT2308

17 CH

JUNIOR SEMESTER 5

NO.	COURSE CODE	TITLE	CREDIT HRS.	REQUIREMENT	PREREQUISITES
1		From selection as per program needs	3	GE – Social Sciences	
2	CSIT3377	Research Methods	3	Program Course	
3	CSIT3314	Web Application Development II	3	Program Course	CSIT1306, CSIT2307, CSIT2411
4	CSIT3415	Mobile Application Development I	4	Program Course	CSIT1306, CSIT2309
5			13 CH		

JUNIOR SEMESTER 6

1		From selection as per program needs	3	GE – Arts	
2	CSIT3416	Information System Analysis and Design	4	Program Course	CSIT2309
3	CSIT3317	Technology Entrepreneurship	3	Program Course	CSIT1306
4	CSIT3388	Internship	3		
5	CSIT3319	Web Application Development III	3	Program Course	CSIT3314
			16 CH		

SENIOR SEMESTER 7

NO.	COURSE CODE	TITLE	CREDIT HRS.	REQUIREMENT	PREREQUISITES
1	INDS3301	Interdisciplinary Seminar	3	GE - Interdisciplinary	
2	CSIT4320	Cryptography	3	Program Course	CSIT2312
3	CSIT4290	Capstone Graduation Project I	2	Program Course	CSIT2411, CSIT2312, CSIT3314, CSIT3416
4	CSIT4322	Cyber Law	3	Program Course	CSIT2312
5	CSIT4323	Mobile Application Development II	3	Program Course	CSIT3415

14 CH

SENIOR SEMESTER 4

1		From selection as per program needs	3	GE - Humanities	
2	CSIT4391	Capstone Graduation Project II	3	Program Course	CSIT4290
3	CSIT4326	Mobile Application Development III	3	Program Course	CSIT4323
4	CSIT3313	Server Administration & Operating Systems	3	Program Course	CSIT2312

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12 CH

TOTAL CH = 120- 121 CREDITS