

COLLEGE OF ARTS AND SCIENCES

STUDY PLAN FOR COMPUTER SOFTWARE AND SECURITY PROGRAM 2025-2026

NO.	COURSE CODE	TITLE	CREDIT HOURS	REQUIREMENT	PREREQUISITES
FRESHER SEMESTER 1					
1	COMM1301	Freshman English I	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	GE – IT Literacy & Program Course	
			16 CH		
FRESHER SEMESTER 2					
1	COMM2301	Freshman English II	3	GE-Communications	COMM1301
2	CSIT1303	Discrete Structures for Computing	3	Program Course	
3	CSIT1305	Network Essentials	3	Program Course	
4	CSIT1306	Human-Computer Interaction	3	Program Course	CSIT1302
5	CSIT1407	Object Oriented Programing	4	Program Course	CSIT1403
			16 CH		

NO.	COURSE CODE	TITLE	CREDIT HOURS	REQUIREMENT	PREREQUISITES
SOPHOMORE SEMESTER 3					
1		From selection as per program needs	3	GE – Social Sciences	
2	CSIT2304	Software Engineering	3	Program Course	CSIT1407
3	CSIT2305	Server Administration & Network Security	3	Program Course	CSIT1305
4	CSIT2306	Web Design	3	Program Course	CSIT1403, CSIT1306
5	MATH1421	Calculus I	4	Program Course	
			16 CH		
SOPHOMORE SEMESTER 4					
1		From selection as per program needs	3	GE – Humanities	
2	CSIT2310	Data Structures and Algorithms	3	Program Course	CSIT1407, CSIT1303
3	CSIT2412	Database Systems	4	Program Course	CSIT1407
4	CSIT2413	Cyber Security	4	Program Course	CSIT1305
5	MATH1311	Statistics and Probability	3	GE- Quantitative Literacy	MATH1301
			17 CH		

NO.	COURSE CODE	TITLE	CREDIT HOURS	REQUIREMENT	PREREQUISITES
JUNIOR SEMESTER 5					
1	PHYS1401	Physics & Lab	4 (3TH + 1 PRAC)	GE – Natural Sciences	
2		From selection as per program needs	3	GE – Social Sciences	
3	CSIT3417	Web Application Development	4	Program Course	CSIT2306, CSIT2412
4	CSIT3414	Mobile Application Development I	4	Program Course	CSIT2310, CSIT1306
			15CH		
JUNIOR SEMESTER 6					
1	CSIT3377	Research Methods	3	Program Course	
2		From selection as per program needs	3-4	GE- Natural Sciences	
3	INDS3301	Interdisciplinary Seminar	3	GE – Interdisciplinary	
4	CSIT3388	Internship	3	Program Course	
5	CSIT3418	Mobile Application Development II	4	Program Course	CSIT3414
			15-16 CH		

NO.	COURSE CODE	TITLE	CREDIT HOURS	REQUIREMENT	PREREQUISITES
SENIOR SEMESTER 7					
1	CSIT4319	Technology Entrepreneurship	3	Program Course	CSIT1306
2	CSIT4320	Cryptography	3	Program Course	CSIT2310
3		From selection as per program needs	3	GE – Arts	
4		Free Elective I	3	Free Elective	
			12 CH		
SENIOR SEMESTER 8					
1		From selection as per program needs	3	GE – Humanities	
2		Free Elective 2	3	Free elective	
3	CSIT4321	Cyber Law	3	Program Course	CSIT4320
4	CSIT4490	Capstone Graduation Project	4	Program Course	CSIT3418, CSIT3417, CSIT2304, CSIT2413
5			13 CH		
Total CH = 121- 122 credits					