

"The New Plan" Starting From Second Semester 2022–2023

First Year - First Semester				First Year - Second Semester			
Course Code	Course Name	CR	Pre-requisite	Course Code	Course Name	CR	Pre-requisite
GT101	Learning and Information Technology	3	-	MT131	Discrete Mathematics	4	EL111 & MT099
EL111	English Communication Skills I	3	EL099	LAW 107	Human Rights (Branch Requirement)	2	-
AR113	Arabic Communication Skills	3	-	MST129	Applied Calculus	4	EL099 & MT099
GRI31	General Branch Requirement	3	-	M110	Python Programming	8	EL111 & MT099
		3	-				
	Total	12			Total	18	
	Cummulative Total	12			Cummulative Total	30	
Second Year - First Semester				Second Year - Second Semester			
Course Code	Course Name	CR	Pre-requisite	Course Code	Course Name	CR	Pre-requisite
GB102	Principles of Entrepreneurship for Non-Specialists	3	-	TT284	Web technologies	8	TM112
MT132	Linear Algebra	4	EL111 & MT099	TM129	Technologies in practice	8	M110
TM112	Introduction to Computing and Information Technology	8	M110				
EL112	English Communication Skills II	3	EL111				
	Total	18			Total	16	
	Cummulative Total	48			Cummulative Total	64	
Third Year - First Semester				Third Year - Second Semester			
Course Code	Course Name	CR	Pre-requisite	Course Code	Course Name	CR	Pre-requisite
TM256	Cyber Security	8	TM129	T216B	Cisco networking (CCNA) part2	8	T216A
T216A	Cisco networking (CCNA) part1	8	TM112	TM311	Information security	8	T216A
**	Faculty Requirements/ Elective 1	3		**	Faculty Requirements/ Elective 2	3	
	Total	19			Total	19	
	Cummulative Total	83			Cummulative Total	102	
Fourth Year - First Semester				Fourth Year - Second Semester			
Course Code	Course Name	CR	Pre-requisite	Course Code	Course Name	CR	Pre-requisite
TM359	System penetration testing	8	TM256	TM471-II	CyS, Graduation Project-B	4	TM471-I
TM471-I	CyS, Graduation Project-A	4	TM311 or TM359 or T318	T318	Applied Network Security	8	T216B
TM260	Ethics, Law and the Governance in IT	4	TM256				
INT300	Industrial Training	1	Completed >= 80				
	Total	17			Total	12	
	Cummulative Total	119			Cummulative Total	131	
Faculty Requirements / Elective Courses (Minimum of 6 CHs.)							
Course Code	Course Name	CR	Pre-requisite	Course Code	Course Name	CR	Pre-requisite
MS102	Physics	3	EL111 & MT099	TM290	Cryptography and Internet Security	3	TM112
M109	.NET Programming	3	EL111 & MT099	MT395	Applied Cyber Security	3	TM260
MT101	General Mathematics	3	MT099	Other	Core requirement module from old/new other tracks in the same program		

General University Requirements/ Mandatory - 15 CR
Faculty Requirements / Mandatory - 8 CR
Faculty Requirements / Elective - 6 CR
Specialisation/ Core Requirements - 96
University Requirements/ Local Requirements - 5 CR
Mandatory University Courses /Mandatory - 1 CR