

Cyber Security – Study Plan

Year 1

Second semester				First Semester			
Pre-request	Hours	course	Course no	Pre-request	Hours	Course	Course no
	3	Principles of Statistics	110108103	-	3	Introduction to programming	1910011100
110101152	3	digital logic design	1910011123		1	Introduction to programming lab	1910011101
1910011101	3	Object Oriented Programming (1)	1910011110		3	Calculus 1	110108101
أو مترامن 1910011110	1	Object Oriented Programming Lab (1)	1910011111		3	Discrete Mathematics	110101152
Arabic level test أو (111405098 أو 2110099) 121601099	3	Arabic Language	121601101	English level test أو (111405099 أو 2120099) 121602099	3	English language	121602101
	3	National education	1714041118		3	Elective University Requirement(1)	
	16	Total			16	Total	

Year 2

Second semester				First Semester			
Pre-request	Hours	course	Course no	Pre-request	Hours	Course	Course no
1910011250	3	Introduction to Database Systems	151002240	1910011110	3	Fundamentals of Software Engineering	2010031260
151002240 أو مترامن	1	Introduction to Database Systems Lab	151002241	1910011111	3	data structure	1910011250
1910011110	3	Visual Programming	1910011214	1910011110	3	Object Oriented Programming (2)	1910011212
أو مترامن 1910011214	1	Visual Programming Lab	1910011215	أو مترامن 1910011212	1	Object Oriented Programming Lab (2)	1910011213
1910011123	3	Computer Networks	1910011320		3	Linear Algebra	110101241
1910011250	3	Algorithms	1910011351		3	Military science	1714041117
1910011250	3	Introduction to cybersecurity	2010043250				
	17	Total			16	Total	

Year 3

Second semester				First Semester			
Pre-request	Hours	course	Course no	Pre-request	Hours	course	Course no
2010043360	3	Network Monitoring and Documentation	2010043380	1910011110	3	Web Programming	151002310
2010043250	3	Ethical Hacking	2010043381	أو مترامن 151002310	1	Web Programming Lab	151002311
2010043381 OR مترامن	2	Ethical Hacking Lab	2010043382	151002240	3	System Analysis and design	151002470
2010043250	3	Cryptography	2010043251	1910011320	3	Network Security and its Threats	2010043383
	3	Elective Specialization Requirement(1)		2010043250	3	Information Security Protocols	2010043360
	3	Elective University Requirement(2)		151002240	3	Database Management Systems and Security	2010043371
	17	Total			16	Total	

Year 4

Second semester				First Semester			
Pre-request	Hours	course	Course no	Pre-request	Hours	course	Course no
2010043381	3	E-commerce Security	2010043472	2010043251	3	Digital Forensics	2010043461
2010043491	2	Applied Project (2)	2010043492	2010043461 أو مترامن	1	Digital Forensics Lab	2010043462
Complete 80 hours	3	Practical Training	2010043490	2010043251	3	Information Hiding Techniques	2010043484
	3	Elective University Requirement(4)		Complete 80 hours	1	Applied Project (1)	2010043491
	3	Elective University Requirement(5)			3	Elective University Requirement(3)	
	3	Elective Specialization Requirement(4)			3	Elective Specialization Requirement(2)	
					3	Elective Specialization Requirement(3)	
	17	Total			17	Total	