

Course No.	Course Title	CR.H.	Prereq.	Course No.	Course Title	CR.H.	Prereq.
First: General University Education (33) CR.H.				0102330	Database Systems	3	(0102221)
(1) Compulsory Courses (27) CR.H.				0102420	Web Development	3	(0102220)
0102120	Computer Skills	3		0102331	System Analysis & Design	3	(0102270)
0201111	Science and Life	3		0102450	Computer Networks	3	(0106320)
0401120	English I	3		0102270	Data Structures and Algorithms	3	(0102221)
0401121	English 2	3	0401120	0102308	Introduction to Artificial Intelligence	3	(0102220) (0107200)
0405100	Arabic Language	3		0112200	Computer Security Fundamental	3	(0102220)
0406110	Islamic Culture	3		0105410	Cryptography & Computer Network Security	3	(0102450)
0408100	Introduction to Psychology	3		0112303	Servers, Datacenters and Cloud	3	(0102450)
0501170	Fund.of Innovation and Entrepreneurship	3		0112302	Computer Forensics	3	(0112201)
0508203	Scientific Research Methodology	3		0104240	Digital Logic Design	3	(0107200)
(2) Elective Courses (6) CR.H.				0112300	Risk Assessment & Management	3	(0102220)
The Student is required to choose <u>Only One</u> course from each of the following groups:				(2) Elective Courses (6) CR.H.			
(a) Society and Civilization (3) CR.H.				0112405	Cyber Competition	3	(0102270 & 01122302)
0406100	Arabs & Muslims' Contributions to Arts & Sciences	3		0112406	Big Data from Social Networks	3	(0102330)
0408101A	Physical Education & Health	3		0112306	Secure Systems Architectures and Mechanisms	3	(0112200)
0409100	Ethical Awareness	3		0112307	Intrusion Analysis and Incident Management	3	(0112201)
0409101	Arab Society	3		0112305	Information Security Management and Governance	3	(0112200)
0409102	Environmental Awareness	3		0112407	Cyber Warfare	3	(0105410)
(b) Managerial Skills (3) CR.H				Compulsory Supporting Courses (15) CR.H.			
0303100	Law and Society	3		0107104	Calculus II	3	(0107101)
0408103	Thinking Skills	3		0112401	Mobile Applications and Security	3	(0102221)
0408104	Self Assessment	3		0102340	Operating Systems	3	(0102270 & 0104240)
0501100	Introduction to Time Management	3		0112201	Ethical Hacking	3	(0112200)
0501150	Leadership and Teamwork	3		0112301	Cybersecurity Law and Policy	3	(0112200)
Compulsory College Requirements (21) CR.H.				Fifth: Internship (3) CR.H.			
0107101	Calculus I	3		0112480	Internship	3	>= 75 CR.H.
0107102	Linear Algebra	3	0107101	CR.H.Sixth: Capstone Project (3)			
0107103	Probability Theory and Statistics	3	0107101	0112490	Capstone Project I	1	>= 90 CR.H.
0107201	Introduction to Numerical Methods	3	0107104 & 0107102	0112491	Capstone Project II	2	0112490
0108103	Physics I	3					
0102220	Introduction to Programming	3	0102120				
0107200	Discrete Structures	3					
Specialization Courses (48) CR.H.							
(1) Compulsory Courses (42) CR.H.							
0102221	Object - Oriented Programming	3	(0102220)				
0106320	Data and Computer Communication	3	(0104240)				