



Study Plan

Degree : Bachelor Faculty : Computer & Information Sci Plan Hrs.: 132
 Semester : 383 Department : Computer Sciences Plan Type : Major
 Edition : 2 Gender : Both
 Major : CSCN Computer Sciences

Council Session: Deanship Session : Faculty Session : Dept Session:
 Council Date: Deanship Date: Faculty Date: Dept Date :

Group Type : Compulsory 1

First							
code	course name	H	G	L	H	requisite	Yrl
ENGS 100	English	6				-	-
ARAB 100	Writing Skills	2				-	-
MATH 101	Differential Calculus	3				-	-
CHEM1 01	GENERAL CHEMISTRY (1)	4				-	-
Total							15

Second							
code	course name	H	G	L	H	requisite	Yrl
STAT 101	An Introduction to Probability & Statistics	3				-	-
CT 101	IT Skills	3				-	-
ENT 101	Entrepreneurship	1				-	-
EPH 101	Fitness and Health Education	1				-	-
CI 101	University Skills	3				-	-
ENGS 110	English	6				ENGS 100 - / P	-
Total							17

Third							
code	course name	H	G	L	H	requisite	Yrl
PHYS10 4	GENERAL PHYSICS (2)	4				-	-
MATH10 6	INTEGRAL CALCULUS	3				MATH 101 - / P	-
IC 107	Professional Ethics	2				IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
CSC 111	COMPUTER PROGRAMMING (1)	4				CT 101 - / P	-
MATH15	DISCRETE	3				MATH 101 - / P	-

Group Type : Compulsory 1

Third							
code	course name	H	G	L	H	requisite	Yrl
1	MATHEMATICS						
Total							16

Fourth							
code	course name	H	G	L	H	requisite	Yrl
IC 108	Current Issues	2				IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 109 - / NC QURN 100 - / NC	-
CSC 113	COMPUTER PROGRAMMING -2-	4				CSC 111 - / P	-
CSC 220	Computer Organization	3				MATH151 - / P	-
MATH24 4	LINEAR ALGEBRA	3				MATH106 - / P	-
Total							12

Fifth							
code	course name	H	G	L	H	requisite	Yrl
CSC 212	DATA STRUCTURES	3				CSC 113 - / P	-
CSC 215	Procedural Programming With C	3				CSC 111 - / P	-
CSC 281	DISCRETE MATHEMATICS FOR COMPUTER SCIENCE	3				MATH151 - / P STAT 101 - / P	-
CSC 304	Ethical Issues in Computing & Research Methods	3				CSC 113 - / P	-
CSC 380	FUNDAMENTALS OF DATABASE SYSTEMS	3				CSC 212 - / MC	-
Total							15

Sixth							
code	course name	H	G	L	H	requisite	Yrl

P : Pre-requisite

G : GPA level

H : Requisite HRS

C : Co- requisite MC : Mandetory Co--requisite NC : None Co- requisite L : Pre-course Level



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Group Type : Compulsory 1

Group Type : Elective 1 (4)

Sixth							
code	course name	H	G	L	H	requisite	Yrl
CSC 227	OPERATING SYSTEMS	3				CSC 212 - / P	-
CSC 311	DESIGN & ANALYSIS OF ALGORITHMS	3				CSC 212 - / P CSC 281 - / P	-
CSC 339	Theory of Computation	3				CSC 281 - / P	-
CSC 343	Systems Analysis & Design	3				CSC 212 - / P	-
CSC 361	ARTIFICIAL INTELLIGENCE	3				CSC 212 - / P	-
Total							15

Seventh							
code	course name	H	G	L	H	requisite	Yrl
CSC 329	COMPUTER NETWORKS	3				CSC 227 - / P	-
CSC 340	Programming Languages & Compilation	3				CSC 339 - / P	-
CSC 453	Parallel Processing	3				CSC 227 - / P	-
CSC 479	Field Experience	1			95	-	-
CSC 496	GRADUATION PROJECT -1-	2			95	CSC 343 - / P	-
Total							12

Eighth							
code	course name	H	G	L	H	requisite	Yrl
CSC 429	COMPUTER SECURITY	3				CSC 329 - / P	-
CSC 457	INTERNET TECHNOLOGIES	3				CSC 329 - / P	-
CSC 497	GRADUATION PROJECT II	4				CSC 496 - / P	-
Total							10



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Group Type : Elective 1 (4)

Group Type : Elective 1 (4)

code	course name	H	G	L	H	requisite	Yrl
IC 100	Studies in the prophet biography	2				IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
QURN 100	Quran Kareem	2				IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
IC 101	Principles of Islamic Culture	2				IC 100 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
IC 102	Family in Islam	2				IC 100 - / NC IC 101 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
IC 103	Economic System in Islam	2				IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC	-

code	course name	H	G	L	H	requisite	Yrl
IC 104	Islamic Political System	2				IC 109 - / NC QURN 100 - / NC IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
IC 105	Human Rights	2				IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
IC 106	Medical Jurisprudence	2				IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 107 - / NC IC 108 - / NC IC 109 - / NC QURN 100 - / NC	-
IC 109	Development Role of Women	2				IC 100 - / NC IC 101 - / NC IC 102 - / NC IC 103 - / NC IC 104 - / NC IC 105 - / NC IC 106 - / NC IC 107 - / NC IC 108 - / NC QURN 100 - / NC	-
Total							18

P : Pre-requisite

G : GPA level

H : Requisite HRS

C: Co- requisite MC : Mandetory Co--requisite NC: None Co- requisite L : Pre-course Level



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Group Type : Elective 1 (9)

Group Type : Elective 2 (4)

code	course name	H	G	L	H	requisite	Yrl
CSC 226	Unix OS Environment	2				CSC 111 - / P	-
CSC 261	Artificial Intelligence Programming Languages	3				CSC 113 - / P	-
CSC 320	Systems Programming	3				CSC 227 - / P	-
CENX33 3	COMPUTER ARCHITECTURE FOR COMPUTER SCIEN	3				CSC 227 - / P	-
CSC 384	Applied Numerical Computation	3				CSC 311 - / P	-
CSC 386	Algorithms & Techniques for Database Management Systems	3				CSC 380 - / P	-
CSC 412	Simulation and Modeling	3				CSC 111 - / P STAT 101 - / P	-
CSC 430	COMPUTER ARABIZATION	3				CSC 220 - / P CSC 227 - / P	-
CSC 440	Human Computer Interaction	3				CSC 343 - / P	-
CSC 443	SOFTWARE PROJECT MANAGEMENT	3				CSC 343 - / P	-
CSC 446	Design Patterns	3				CSC 343 - / P	-
CSC 456	Distributed Systems	3				CSC 329 - / P	-
CSC 459	Net-Centric Computing	3				CSC 329 - / P	-
CSC 462	Machine Learning	3				CSC 361 - / P	-
CSC 463	Knowledge Engineering & Expert Systems	3				CSC 361 - / P	-
CSC 476	Computer Graphics	3				CSC 212 - / P	-
CSC 478	Digital Image Processing and Analysis	3				CSC 212 - / P	-
CSM 484	Information Retrieval	3				CSC 380 - / P	-
CSC 489	Selected Topics in Computer Science	3			100	-	-
Total							56

code	course name	H	G	L	H	requisite	Yrl
PHYS10 3	GENERAL PHYSICS (1)	4				-	-
CHEM1 03	General Chemistry (1)	3				-	-
CHEM1 04	Practical General Chemistry	1				-	-
CHEM1 08	Introduction to Organic Chemistry	4				CHEM101 - / P	-
PHYS21 0	Classical Mechanics (1)	4				MATH 101 - / P	-
Total							16

