

First Year (27 CH)										Total CH
First Semester					Second Semester					Total CH
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH	
103101	Calculus (1)			3	103250	Discrete Mathematics (1)	103101		3	29
601104	Information Technology Fundamentals		+	3	301101	Principles of Management			3	
9400100	National Education			3	601111	Programming Language (1)	601104	*+	3	
9600102	Computer Skills (Compulsory for IT Majors)	P.T / 9601099	*+	3	605161	Introduction to Data Communication & Networking	9600102+601104		3	
9400108	Life Skills			2	9400123	Communication Skills in English (1)	P.T / 9402099		3	
Total				14	Total				15	
Second Year (36 CH)										Total CH
First Semester					Second Semester					
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH	
103231	Principles of Statistics	103101		3	103373	Numerical Analysis (1)	103250		3	63
402201	Communication Skills for IT	9400123		3	601213	Visual Programming	601212	+	3	
601212	Programming Language (2)	601111	*+	3	601221	Data Structures	601212+103250	*	3	
601241	Computer Logic Design	601104+ 103250	*	3	601281	Database(1)	601212	*	3	
9300105	Enterpreunership and Innovation			2	605264	Information& Network Security	605161	+	3	
9400109	Military Science			3	9400107	Leadership and social responsibility			2	
Total				17	Total				17	
Third Year (36 CH)										Total CH
First Semester					Second Semester					
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH	
601315	Internet Programming	601213+9600102	*+	3	603392	Software Engineering	601315+ 603391		3	99
601325	Algorithms Design & Analysis	601221		3	603395	Software Testing	603391	+	3	
601343	Computer Organization & Architecture	601241		3	603396	IT Project Management	603391	*	3	
603385	Database Administration	601281	+	3	603492	Advanced Software Engineering	603391		3	
603391	Systems Analysis & Design	601281+601221		3	9xxxxx	General Elective (1)			3	
9400113	Communication Skills in Arabic (1)	9401099 / P.T.		3	6xxxxx	Department Elective (1)			3	
Total				18	Total				18	
Fourth Year (34 CH)										Total CH
First Semester					Second Semester					
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH	
601432	Operating Systems	601325+601343		3	601460	Professional Ethics for Information Technology	603391		1	133
603400	Field Training	Dept. Approval +603392		3	603405	Software Architecture & Design	603404		3	
603406	Software Development & Documentation	603392		3	603485	Graduation Project (2)	603480		3	
603404	Requirements Engineering and Specification	603392		3	6xxxxx	Department Elective (3)			3	
603480	Graduation Project (1)	402201 +603392		3	603490	Quality Management & Process Improvement	603396		3	
6xxxxx	Department Elective (2)			3		Free Requirement			3	
9601000	Community Service			0						
Total				18	Total				16	

Total Credit Hours: 133