

First Yaer

First Semester (16 CHs)			
Course Code	Course Title	C.H	Pre Req
GR101	Self-Learning Skills	3	-
AR111	Arabic Communication Skills I	3	-
TU170	Computing Essentials	3	-
EL111	English Communication Skills I	3	EL099
MT129	Calculus and Probability	4	EL099

Second Semester (17 CHs)			
Course Code	Course Title	C.H	Pre Req
AR112	Arabic Communication Skills II	3	AR111
EL112	English Communication Skills II	3	EL111
MT131	Discrete Mathematics	4	EL111
TM105	Introduction to Programming	4	EL111
University Requirement / Elective		3	-

Second Yaer

First Semester (20 CHs)			
Course Code	Course Title	C.H	Pre Req
TM111	Introduction to Computing and Information Technology I	8	EL111
MT132	Linear Algebra	4	EL111
M251	Object-Oriented Programming using Java	8	TM105

Second Semester (20 CHs)			
Course Code	Course Title	C.H	Pre Req
TM112	Introduction to Computing and Information Technology II	8	TM112
TM103	Computer Organization and Architecture	4	EL111
M269	Algorithms, Data Structures and Computability	8	MT131 TM105

Third Yaer

First Semester (16 CHs)			
Course Code	Course Title	C.H	Pre Req
T227	Change, Strategy and Project at Work	8	TM112
TM240	Computer Graphics and Multimedia	4	MT132 TM105
TM298	Operating Systems	4	TM103 TM105

Second Semester (16 CHs)			
Course Code	Course Title	C.H	Pre Req
TM351	Data Management and Analysis	8	M251 & M269
TM354	Software Engineering	8	M251 M269

Fourth Yaer

First Semester (15 CHs)			
Course Code	Course Title	C.H	Pre Req
TM366	Artificial Intelligence	8	M269
TM471-A	CS, Project-A	4	TM351 or TM354
Faculty Requirements / Electives		3	-

Second Semester (11 CHs)			
Course Code	Course Title	C.H	Pre Req
TM471-2	CS, Project-B	4	TM471-A
CAS400	Applied Studies For Computing Students	4	TM354
Faculty Requirements / Electives		3	-