

Faculty of Computer Studies
Advising Plan - Computer Science Track - 2019

First Yaer

First Semester (16 CHs)				Second Semester (17 CHs)			
Course Code	Course Title	C.H	Pre Req	Course Code	Course Title	C.H	Pre Req
GR101	Self-Learning Skills	3	-	AR112	Arabic Communication Skills II	3	AR111
AR111	Arabic Communication Skills I	3	-	EL112	English Communication Skills II	3	EL111
TU170	Computing Essentials	3	-	MT131	Discrete Mathematics	4	EL111
EL111	English Communication Skills I	3	EL099	TM105	Introduction to Programming	4	EL111
MT129	Calculus and Probability	4	EL099	University Requirement / Elective		3	-

Second Yaer

First Semester (20 CHs)				Second Semester (20 CHs)			
Course Code	Course Title	C.H	Pre Req	Course Code	Course Title	C.H	Pre Req
TM111	Introduction to Computing and Information Technology I	8	EL111	TM112	Introduction to Computing and Information Technology II	8	TM112
MT132	Linear Algebra	4	EL111	TM103	Computer Organization and Architecture	4	EL111
M251	Object-Oriented Programming using Java	8	TM105	M269	Algorithms, Data Structures and Computability	8	MT131 TM105

Third Yaer

First Semester (16 CHs)				Second Semester (16 CHs)			
Course Code	Course Title	C.H	Pre Req	Course Code	Course Title	C.H	Pre Req
T227	Change, Strategy and Project at Work	8	TM112	TM351	Data Management and Analysis	8	M251 & M269
TM240	Computer Graphics and Multimedia	4	MT132 TM105	TM354	Software Engineering	8	M251 M269
TM298	Operating Systems	4	TM103 TM105				

Fourth Yaer

First Semester (15 CHs)				Second Semester (11 CHs)			
Course Code	Course Title	C.H	Pre Req	Course Code	Course Title	C.H	Pre Req
TM366	Artificial Intelligence	8	M269	TM471-2	CS, Project-B	4	TM471-A
TM471-A	CS, Project-A	4	TM351 or TM354	CAS400	Applied Studies For Computing Students	4	TM354
Faculty Requirements / Electives		3	-	Faculty Requirements / Electives		3	-