

Faculty of Computer Studies
Advising Plan - Information Technology & Computing 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
EL111	English Communication Skills I	3	EL099	TM103	Computer Organization and Architecture	4	EL111
TU170	Computing Essentials	3	-	MT131	Discrete Mathematics	4	EL111
MT129	Calculus and Probability	4	EL099	University Requirement / Elective		3	-

Second Yaer

First Semester (16 CHs)				Second Semester (19 CHs)			
Course Code	Course Title	C.H	Pre Req	Course Code	Course Title	C.H	Pre Req
TM105	Introduction to Programming	4	EL111	TM112	Introduction to Computing and Information Technology II	8	TM111
MT132	Linear Algebra	4	EL111	M251	Object-Oriented Programming using Java	8	TM105
TM111	Introduction to Computing and Information Technology I	8	EL111	Faculty Requirements / Electives		3	-

Third Yaer

First Semester (16 CHs)				Second Semester (19 CHs)			
Course Code	Course Title	C.H	Pre Req	Course Code	Course Title	C.H	Pre Req
M269	Algorithms, Data Structures and Computability	8	TM105	T215B	Communication and Information Technologies-B	8	T215A
T215A	Communication and Information Technologies-A	8	TM112	TM351	Data Management and Analysis	8	M269
				Faculty Requirements / Electives		3	-

Fourth Yaer

First Semester (20 CHs)				Second Semester (8 CHs)			
Course Code	Course Title	C.H	Pre Req	Course Code	Course Title	C.H	Pre Req
TM355	Communications Technology	8	T215B	CAS400	Applied Studies For Computing Students	4	TM354
TM354	Software Engineering	8	M251	TM471-B	ITC, Project-B	4	TM471-A
TM471-A	ITC, Project-A	4	TM351				