



First Semester (IT Core)					Second Semester (IT Core)			
	Course	Course Title	Pre-Req.	Cr	Course	Course Title	Pre-Req.	Cr
I	GI101	Fundamental of IT		3	GS102	Sc. English II	UR102	3
	UR102	English I	----	3	GS103	General Physics	-----	3
	GS101	Math I	----	3	GS104	Math II	GS101	3
	GI101	Programming I	----	3	GS105	Introduction to	GS101	3
	UR103	Arabic	----	3	GI103	Programming II	GI102	3
	UR105	تاريخ وحضارة	-----	2	GI104	Logic Design	GI101	3
		Semester Credit Hours			17		Semester Credit Hours	
Third Semester (Specialization)					Fourth Semester (Specialization)			
	Course	Course Title	Pre-Req.	Cr	Course	Course Title	Pre-Req.	Cr
II	GS203	English III	GS103	3	GS201	Technical Writing	-----	3
	GS204	Linear Algebra	GS104	3	GS206	Numerical Analysis	GS204	3
	GS205	Discrete Math	GS104	3				
		Semester Credit Hours			9		Semester Credit Hours	

- UR - University Requirements courses (8 credits)

Course #	Course Name	Credits	Theoretical	Lab.	Tutorial
UR102	English I	3	3	2	-
UR103	Arabic Language	3	3	-	-
UR105	تاريخ وحضارة	2	3	-	-
Total		8			



• GS - General Science courses (30 credits)

Course #	Course Name	Credits	Theoretical	Lab.	Pre-Req.
GS101	Math I	3	3	-	----
GS102	Sc. English II	3	3	2	UR102
GS103	General Physics	3	3	2	-----
GS104	Math II	3	3	-	GS101
GS105	Introduction to Probability and Statistics	3	3	-	-----
GS203	English III	3	3	2	GS102
GS204	Linear Algebra	3	3	-	GS104
GS205	Discrete Math	3	2	2	GS104
GS206	Technical Writing	3	2	-	-----
GS307	Numerical Analysis	3	3	-	GS204
Total		30			

• GI – Faculty Core courses (42 credits)

Course #	Course Name	Credits	Theoretical	Lab.	Pre-Req.
GI101	Fundamental of Information Technology	3	3	-	-----
GI102	Programming I	3	2	3	-----
GI103	Programming II	3	2	3	GI102
GI104	Logic Design	3	2	2	GI101
GI201	Computer Architecture	3	2	2	GI104
GI202	Object Oriented Programming	3	2	2	GI103
GI203	Fundamental of Database Systems	3	2	3	GI207
GI204	Operating Systems	3	2	3	GI201
GI205	Data Structure and Algorithms	3	2	2	GI103
GI206	Computer Network	3	2	2	GI201
GI302	System Analysis	3			GI103
GI309	Software Engineering	3	2	2	GI202
GI311	Research Methods	3	2	2	-----
GI310	Project Management	3	2	-	GI309
Total		42			



يعتمد:

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عميد كلية تقنية المعلومات

رئيس القسم العام



