

# Report of study plans

Academic year: 2017 Semester: First  
 College: Faculty of Computing Studies Section: Information Technology  
 Grade: Bachelors Specialization: BSc Information Technology & Computing / Computer Science  
 The number of: 131

Type of require: University Requirements/ Mandatory Hours: 18

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
AR111	Arabic Communication Skills (I)	1	3				
AR112	Arabic Communication Skills (II)	1	3		AR111	Previous	-
EL111	English Communication Skills (I)	1	3				
EL112	English Communication Skills (II)	1	3		EL111	Previous	-
GR101	Self-Learning Skills	1	3				
TU170	Computing Essentials	1	3				

Type of require: University Requirements/ Elective Hours: 3

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
BE322/4	Entrepreneurship and Small Business Manage	1	4	BUS115	B120	Previous	-
CH101	Chinese for Beginners (I)	1	3				
CH102	Chinese for Beginners (II)	1	3		CH101	Previous	-
EL118	Reading	1	4		EL111	Previous	-
FR101	French for Beginners (I)	1	3				
FR102	French for Beginners (II)	1	3		FR101	Previous	-
GR111	Arab Islamic Civilization	1	3				
GR112	Issues and Problems of Development in the Ar	1	3				
GR115	Current International Issues and Problems	1	3				
GR116	Youth Empowerment	1	3				
GR117	Empowerment of Women	1	3				
GR118	Life Skills	1	3				
GR121	Environment and Health	1	3				
GR131	History and Civilization of ksa	1	3				
SL101	Spanish for Beginners (I)	1	3				
SL102	Spanish for Beginners (II)	1	3		SL101	Previous	-

Type of require: Mandatory Specialization Requirements Hours: 96

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
MT131	Discrete Mathematics	1	4		EL111	Previous	-
MT132	Linear Algebra	1	4		EL111	Previous	-
TM103	Computer Organization and Architecture	1	4		EL111	Previous	-

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Type of require: Mandatory Specialization Requirements Hours: 96

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
TM105	Introduction to Programming	1	4		EL111	Previous	-
TM111	Introduction to Computing and Information T	1	8	M150	EL111	Concurrent	-
				M150A			
				M150B			
TM112	Introduction to Computing and Information T	1	8	T175	TM111	Previous	-
				T175A			
				T175B			
M251	Object-Oriented Programming using Java	1	8	M253	TM105	Previous	-
				M257			
M269	Algorithms, Data Structures and Computabili	1	8	M256	TM105	Previous	And
					MT131	Previous	And
T227	Change, Strategy and Project at Work	1	8	M299	TM112	Previous	-
TM240	Computer Graphics and Multimedia	1	4	CS240	TM105	Previous	And
					MT132	Previous	And
TM298	Operating Systems	1	4	M298	TM105	Previous	And
					TM103	Previous	And
TM351	Data Management and Analysis	1	8	M359	M269	Previous	And
					M251	Previous	And
TM354	Software Engineering	1	8	M362	M251	Previous	-
TM366	Artificial Intelligence	1	8	M366	M269	Previous	-
TM471	Graduation Project	2	8	T471	TM351	Concurrent	Or
					TM366	Previous	Or
					TM354	Previous	Or

Type of require: Faculty Requirements/ Mandatory Hours: 8

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
MT129	Calculus and Probability	1	4		EL099	Previous	-
CAS400	Applied Studies For Computing Students	1	4		TM354	Registered	-

Type of require: Faculty Requirements/ Electives Hours: 6

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
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Type of requir Faculty Requirements/ Electives Hours: 6

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
M109	.NET Programming	1	3		EL111	Previous	-
MS102	Physics	1	3		EL111	Previous	-
MT101	General Mathematics	1	3				
TM295	System Modelling	1	3		MT132	Previous	-
MT372	Parallel Computing	1	3		M269	Previous	And
					M251	Previous	And