

Report of study plans

Academic year: 2019 Semester: First
 College: Faculty of Computing Studies Section: Information Technology
 Grade: Bachelors Specialization: BSc Information Technology & Computing /
 Networking and Security
 The number of: 134

Type of require: University Requirements/ Mandatory Hours: 21

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	-
BS100	Entrepreneurship – Creativity & Innovation	1	3		EL111	Previous	-
EL111	English Communication Skills (I)	1	3		EF003	Previous	-
EL112	English Communication Skills (II)	1	3		EL111	Previous	-
GR101	Self-Learning Skills	1	3				
TU170	Computing Essentials	1	3		EF003	Previous	-

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 and Coexistence	1	3				
GR121	Environment and Health	1	3				
GR131	History and Civilization of Oman	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	-

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Type of require: Mandatory Specialization Requirements Hours: 96

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
TM103	Computer Organization and Architecture	1	4		EL111	Previous	-
TM105	Introduction to Programming	1	4		EL111	Previous	-
TM111	Introduction to Computing and Information T	1	8	M150	EL111	Previous	-
				M150A			
				M150B			
TM112	Introduction to Computing and Information T	1	8	T175	TM111	Previous	-
				T175A			
				T175B			
M251	Object-Oriented Programming using Java	1	8	T215B	TM105	Previous	-
T216A	Cisco networking (CCNA)-A	1	8		TM112	Previous	-
T216B	Cisco networking (CCNA)-B	1	8		T216A	Previous	-
T227	Change, Strategy and Project at Work	1	8	T215A	TM112	Previous	-
T316	Advanced Networking	1	8	T324	T216B	Previous	-
T318	Applied Network Security	1	8	T325	TM260	Previous	And
					T216B	Previous	And
TM352	Web, Mobile and Cloud Technologies	1	8	M359	M251	Previous	-
TM471	Graduation Project	2	8	T471A	T316	Previous	Or
				T471B	TM352	Concurrent	Or
					T318	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		EF003	Previous	-
TM260	Security, Ethics and Privacy in IT and Compu	1	4	M275	TM111	Previous	-
				M360			
ITC309	IT Industrial Training	1	0		M251	Previous	-

Type of require: Foundation Program Requirements Hours: 0

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
EF001	English Foundation (I)	1	0				
EF002	English Foundation (II)	1	0		EF001	Previous	-

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Type of require: Foundation Program Requirements Hours: 0

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
EF003	English Foundation (III)	1	0		EF002	Previous	-
IT100	Foundation Information Technology	1	0		EF001	Previous	-
MA100	Foundation Mathematics	1	0				
MA101P	Pure Math Foundation	1	0		MA100	Previous And Pass	-

Type of require: Faculty Requirements/ Electives Hours: 6

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisite	Requirement	Relation
M109	.NET Programming	1	3	M107	EL111	Previous	-
MS102	Physics	1	3		EL111	Previous	-
MT101	General Mathematics	1	3				
TM290	Cryptography and Information Security	1	3		TM112	Previous	-
MT395	Applied Cyber Security	1	3		TM260	Previous	-