

Arab Open University AOU - Oman
Faculty of Computer Studies (FCS)

	Semester: 1				Semester: 2				
	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	
Year 1	1	AR113 (AR111 or AR112)	Arabic Communication Skills I	EF003 & IT100 & MA10P 3	1	EL112	English Communication Skills II	EL111 3	
	2	EL111	English Communication Skills I	EF003 & IT100 & MA10P 3	2	GR111 / GR131	University Elective (GR111 or GR131)	EF003 & IT100 & MA10P 3	
	3	GT101 (TU170)	Learning and Information Technology	EF003 & IT100 & MA10P 3	3	MT131	Discrete Mathematics	EL111 4	
	4	GR118 (GR101)	Life Skills and Coexistence	EF003 & IT100 & MA10P 3	4	M110 (TM111)	Python Programming	EL111 8	
	5	MST129 (MT129)	Calculus and Probability	EF003 & IT100 & MA10P 4					
Total Hours in Semester				16	Total Hours in Semester				18

	Semester: 3				Semester: 4				
	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	
Year 2	1	GB102 (BS100)	English Communication Skills II	EL112 3	1	M251	Object-Oriented Java Programming	TM105 8	
	2	TM112	Introduction to Computing and Information Technology 2	M110 8	2	TM255 (T215A)	Communication and Information Technologies	TM112 8	
	3	TM105	Introduction to Programming	EL111 4	3	TM103	Computer Organization and Architecture	TM105 4	
	4	MT132	Linear Algebra	EL111 4					
Total Hours in Semester				19	Total Hours in Semester				20

	Semester: 5				Semester: 6				
	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	
Year 3	1	M269	Algorithms, Data structures and Computability	M110 & MT131 8	1	TM351	Data Management and Analysis	M2569 or M251 8	
	2	T215B	Communication & Information Technology B	TM255 8	2	TM354	Software engineering	M251 8	
	3	M109	.Net Programming	TM105 3	3	MT101	General Mathematics	EL111 3	
					4	ITC309	Industrial Training	completeing > 90 credit hours 0	
Total Hours in Semester				19	Total Hours in Semester				19

	Semester: 7				Semester: 8				
	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites Cr. Hrs.	
Year 4	1	TM355	Communications Technologies	T215B 8	1	T471-II	Graduation Project (ITC) - II	TM355 / TM354 / TM351 4	
	2	T471-I	Graduation Project (ITC) - I	TM355 / TM354 / TM351 4	2	TM260	Security, Ethics and Privacy in IT and Computing	M105 4	
Total Hours in Semester				12	Total Hours in Semester				8

Core Programme Courses
Faculty Elective Courses
Faculty Requirement Courses
University Requirement Courses
University Elective Courses

Total Credits: 131