

	Semester: 1				Semester: 2						
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
Year 1	1	AR113	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	EF003 & IT100 & MA10P	3	
	3	GT101	Learning and Information Technology	EF003 & IT100 & MA10P	3	3	MT131	Discrete Mathematics	EL111	4	
	4	GR118	Life Skills and Coexistence	EF003 & IT100 & MA10P	3	4	M110	Python Programming	EL111	8	
	5	MST129	Calculus and Probability	EF003 & IT100 & MA10P	4						
<b>Total Hours in Semester</b>					<b>16</b>	<b>Total Hours in Semester</b>					<b>18</b>

	Semester: 3				Semester: 4						
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
Year 2	1	GB102	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	TT284	Web Technologies	TM112	8	
	3	TM105	Introduction to Programming	EL111	4	3	TM103	Computer Organization and Architecture	TM105	4	
	4	MT132	Linear Algebra	EL111	4						
<b>Total Hours in Semester</b>					<b>19</b>	<b>Total Hours in Semester</b>					<b>20</b>

	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	TM298	Operating Systems	TM105 & TM103	4	2	TM354	Software engineering	M251	8	
	3	TM240	Computer Graphics and Multimedia	MT132 & TM105	4	3	MT101	General Mathematics	EL111	3	
	4	M109	.Net Programming	TM105	3	4	ITC309	Industrial Training	completeing > 90 credit hours	0	
<b>Total Hours in Semester</b>					<b>19</b>	<b>Total Hours in Semester</b>					<b>19</b>

	Semester: 7				Semester: 8						
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
Year 4	1	TM358	Machine learning and artificial intelligence	M269	8	1	T471-II	Graduation Project (ITC) - II	TM355 / TM354 / TM351	4	
	2	T471-I	Graduation Project (ITC) - I	TM351 / TM354 / TM358	4	2	TM260	Security, Ethics and Privacy in IT and Computing	M251	4	
<b>Total Hours in Semester</b>					<b>12</b>	<b>Total Hours in Semester</b>					<b>8</b>

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

**Total Credits: 131**