

BSc ITC 2024 Study Plan

Year 1	Semester 1					Semester 2				
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.
	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	GR131/GR111	University Elective	EF003 & IT100 & MA10P	3
	3	GT101	Learning and Information Technology	EF003 & IT100 & MA10P	3	5	MST129	Applied Calculus	EF003 & IT100 & MA10P	4
	4	GR118	Life Skills and Coexistence	EF003 & IT100 & MA10P	3	4	M110	Python Programming	EL111	8
	Total Hours in Semester				12	Total Hours in Semester				18

Year 2	Semester 3					Semester 4				
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.
	1	MT131	Discrete Mathematics	EL111	4	1	M251	Object-Oriented Java Programming	TM105	8
	2	TM112	Introduction to Computing and Information Technology 2	M110	8	2	TM255	Communication and Information Technologies	TM112	8
	3	TM105	Introduction to Programming	EL111	4	3	MT132	Linear Algebra	EL111	4
	Total Hours in Semester				16	Total Hours in Semester				20

Year 3	Semester 5					Semester 6				
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.
	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	TM103	Computer Organization and Architecture	TM105	4	3	MT101	General Mathematics	EL111	3
						4	ITC309	Industrial Training	completeing >= 90 credits	0
	Total Hours in Semester				20	Total Hours in Semester				19

Year 4	Semester 7					Semester 8					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
	1	TM355	Communications Technologies	T215B	8	1	T471-II	Graduation Project (ITC) - II	TM471-I	4	
	2	T471-I	Graduation Project (ITC) - I	TM355 / TM354 / TM351	4	2	TM260	Security, Ethics and Privacy in IT and Computing	M110	4	
	3	M109	.Net Programming	TM105	3	3	GB102E	Principles of Entrepreneurship for Non-Specialists	EL112	3	
	Total Hours in Semester					15	Total Hours in Semester				

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

Total Credits: 131