

Bachelor of Science in Information Technology BS(IT)					
Scheme of Study: Batch-2020-24					
First Semester			Second Semester		
Code	Course Title	CR	Code	Course Title	CR
MA-1001	Calculus	3(3+0)	MA-1005	Linear Algebra	3(3+0)
PH-1004	Applied Physics	4(3+1)	ENG-1092	Communication & Presentation Skills	3(3+0)
ENG-1091	Functional English	3(3+0)	HU-1092	Pakistan Studies	2(2+0)
CS-1071	Introduction of Computing	3(2+1)	CSC-1071	Programming Fundamentals	4(3+1)
CSC-1072	Discrete Structures	3(3+0)	CSC-2073	Software Engineering Fundamentals	3(3+0)
			HU-1091	Islamic Studies / Ethics	2(2+0)
Total		16	Total		17
Third Semester			Fourth Semester		
Code	Course Title	CR	Code	Course Title	CR
CSC-2078	Database Systems	4(3+1)	STAT-2003	Probability and Statistics	3(3+0)
ITC-XXXX	Operations Research	3(3+0)	ENG-3091	Technical Writing	3(3+0)
MGT-1081	Principles of Management	3(3+0)	CSC-2074	Data Communication and Networks	4(3+1)
CSC-2071	Object Oriented Programming	4(3+1)	CSC-2077	Data Structures and Algorithms	4(3+1)
ITE-XXXX	Enterprise Systems	3(3+0)	ITC-2073	Information Technology Project Management	3(3+0)
QT-2001	Translation of Al-Quran-III	0	QT-2002	Translation of Al-Quran-IV	0
Total		17	Total		17
Fifth Semester			Sixth Semester		
Code	Course Title	CR	Code	Course Title	CR
ITC-3071	Information Technology Infrastructure	3(3+0)	TE-1113	Introduction to Textile	3(3+0)
ITC-3072	System and Network Administration	4(3+1)	SS-1093	Introduction to Psychology	3(3+0)
CSC-4074	Information Security	3(3+0)	ITE-XXXX	IT Elective I	3(3+0)
CSC-3072	Operating Systems	4(3+1)	ITE-XXXX	IT Elective II	3(3+0)
ITC-3075	Web Technologies	3(3+0)	ITC-4072	Cyber Security	3(3+0)
			ITC-3073	DB Administration & Management	3(2+1)
QT-3001	Translation of Al-Quran-V	0	QT-3002	Translation of Al-Quran-VI	0
Total		17	Total		18
Seventh Semester			Eight Semester		
Code	Course Title	CR	Code	Course Title	CR
SS-4071	Professional Practices	3(3+0)	MGT-4085	Entrepreneurship	3(3+0)
CSC-4071	BS Final Project-I	3(0+3)	CSC-4071	BS Final Project-I	3(0+3)
CSC-3071	Virtual Systems and Services	4(3+1)	ITC-4073	Modeling and Simulation	3(3+0)
ITE-XXXX	IT Elective III	3(3+0)	ITE-XXXX	IT Elective V	3(3+0)
ITE-XXXX	IT Elective IV	3(3+0)			
QT-4001	Translation of Al-Quran-VII	0	QT-4002	Translation of Al-Quran-VIII	0
Total		16	Total		12
Industrial Internship (4 weeks, 6days/week, 8 hours/day during summer holidays after 2 nd year)					1
Total Credits for BS(IT)					131