BS in Information Technology

Course Title	Course Code	Course Type	Credit Hour
Semester 1			
Functional English	GENG-101	General	3
Islamic Studies / Ethics (for Non-Muslims)	GISL-101 / GETH-101	General	2
Fehm-e-Quran	HQ-001N	Compulsory	0
Digital Logic Design	CC-110	Major	2
Digital Logic Design Lab	CC-110L	Major	1
Applied Physics	GE-169	General	3
Math Deficiency – I	MD-001	General	3
Applications of Information and Communication Technologies	GE-160	General	2
Applications of Information and Communication Technologies Lab	GE-160L	General	1
Pakistan Studies (For students of Fall, 2025 and onwards)	GPST-201	General	2
Ideology and Constitution of Pakistan (Only for Fall, 2024)	GICP-1	General	2
			Total Credit Hours 21
Semester 2			
Programming Fundamentals Lab	CC-112L	Major	1
Programming Fundamentals	CC-112	Major	3
Fehm-e-Quran	HQ-002N	Compulsory	1
Expository Writing	GENG-201	General	3
Math Deficiency – II	MD-002	General	3
Computer Networks	CC-214	Major	2
Discrete Structures	GE-167	General	3
Introduction to Marketing	UE-272	General	3
Computer Networks Lab	CC-214L	Major	1
			Total Credit Hours 20
Semester 3			
Tarjuma-e-Quran	HQ-003	Compulsory	0
Computer Organization and Assembly Language	CC-210	Major	2
Computer Organization and Assembly Language (Lab)	CC-210L	Major	1
Object Oriented Programming	CC-211	Major	3
Object Oriented Programming (Lab)	CC-211L	Major	1
Software Engineering	CC-212	Major	3
Database Systems	CC-215	Major	3
Database Systems Lab	CC-215L	Major	1
Calculus & Analytical Geometry	GE-162	Major	3
Pakistan Studies (Only For students of Fall, 2024	GPST-201	General	2
			Total Credit Hours 19
Semester 4			
Data Structures	CC-213	Major	3
Data Structures (Lab)	CC-213L	Major	1
Operating Systems	CC-311	Major	2
Information Security	CC-312	Major	3
Introduction to Management	GE-192	Major	2
Probability and Statistics	MS-251	Major	3
Multivariable Calculus	MS-253	Major	3
Tarjuma-e-Quran	HQ-004	Compulsory	1
Operating Systems (Lab)	CC-311L	Major	1
			Total Credit Hours 19
Semester 5			
Interdisciplinary		Interdisciplinary	3
Interdisciplinary		Interdisciplinary	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-005	Compulsory	0
			Total Credit Hours 15
Semester 6			
Interdisciplinary		Interdisciplinary	3
Interdisciplinary		Interdisciplinary	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-006	Compulsory	1
			Total Credit Hours 16
Semester 7			
Fieldwork / Intership		Major	3
major		Major	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-007	Compulsory	0
			Total Credit Hours 15
Semester 8			
Capstone Project		Major	3
major		Major	3
major		Major	3

major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-008	Compulsory	1
			Total Credit Hours 16
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