

M.Sc. (IT)

Duration – 2 Years (Full Time)

Programme Structure

2025 - 2027

Amity University Tashkent

PROGRAMME STRUCTURE

Proposed

Semester 1

S.No.	Course Code	Course Title	Course Type	Credit						Credit Units
				L	T	PS	FW	SW	Arch./Des. Studio	
Core Courses (14-24 credits)										
1	IT602	Advanced Data Communication and Computer Networks	C	2	0	2	0	6	0	6
2	CSIC607	Python Programming and Shell Scripting	C	2	0	2	0	6	0	6
3	CSIT606	Introduction to Data Analytics (PG)	C	2	0	2	0	6	0	6
4	CSE645	Advance Data Structure (PG)	C	3	0	0	0	6	0	6
Multidisciplinary / OE Course (0-3 credits)										
6										
Common Course (0-5 credits)										
6										
7										
Emp & Skill (0-3 credits)										
8										
Total										24

Semester 2

S.No.	Course Code	Course Title	Course Type	Credit						Credit Units
				L	T	PS	FW	SW	Arch./Des. Studio	
Core Courses (12- 16 credits)										
1	CSE733	IT Security Compliance and Forensics	C	2	0	2	0	6	0	6
2	CSIT661	Relational Data Base Management System (PG)	C	2	0	2	0	6	0	6
3	CSIT816	Artificial Intelligence and Robotics(PG)	C	2	0	2	0	2	0	4
Elective Courses (3 -7 credits)										
4	CSIT636	Routing and Switching Essentials(PG)	SE	2	0	2	0	4	0	5
5	CSIT671	Principles and Practices of Software Engineering (PG)	SE	3	0	0	0	4	0	5
6	CSIT654	Network Security and Cryptography(PG)	SE	3	0	0	0	4	0	5
Emp & Skill (0-3 credits)										
Common Curriculum Courses (0-7 credits)										
8		PFE								2
Total										23

Semester 3

S.No.	Course Code	Course Title	Course Type	Credit						Credit Units
				L	T	PS	FW	SW	Arch./Des. Studio	
Core Courses (4-8 credits)										
1	CSE764	Web intelligence and big data	CC	2	0	2	0	2	0	4
2	CSIT805	Cloud Infrastructure and services	CC	3	0	0	0	2	0	4
Emp & Skill (0-3 credits)										

3										0
Elective Courses (6-10 credits)										
4	CSIT737	Machine Learning using Python	SE	2	0	2	0	2	0	4
5	CSIT761	Business Intelligence and Analytics(PG)	SE	2	0	0	0	4	0	4
6	CSIT656	Connecting Networks	SE	2	0	2	0	4	0	4
7	CSIT828	Android Programming	SE	2	0	2	0	2	0	4
8	CSIT765	E-commerce and It's Applications	SE	2	0	0	0	2	0	3
9	CSIT764	Enterprise Resource Planning	SE	2	0	0	0	2	0	3
10	CSIT811	Software Testing and Reliability	SE	3	0	0	0	2	0	4
Common Curriculum Courses (0-4 credits)										
12										
13										
NTCC (3-5credits)										
14	ETSI600	Summer Internship	NTCC	0	0	0	0	0	0	5
Total										23

Semester 4

.No.	Course Code	Course Title	Course Type	Credit					Arch./Des. Studio	Credit Units
				L	T	PS	FW	SW		
Elective Courses (0-6 credits)										
1										
NTCC (14 -20 credits)										
5	ETMJ600	Dissertation / Major Project	NTCC	0	0	0	0	0	0	14
Total										20