

Course Offer for Spring-2022

T-1, L-1 (37th) AC	A,B,C,D (40)	3	SE111	Computer Fundamentals (A,B,C,D, E, F)
		2	SE112	Computer Fundamentals Lab (A,B,C,D,E, F)
		3	SE 113	Introduction to Software Engineering (A,B,C,D, E, F)
		3	ENG101	English I (A,B,C,D, E)
		3	AOL101	Art of Living (A,B,C,D, E)
T-2, L-1 (36th) AC	A (40) B(30)	3	SE121	Structured Programming (A,B)
		2	SE122	Structured Programming Lab (A,B)
		3	SE123	Discrete Mathematics (A,B)
		3	MAT101	Mathematics I (A,B)
		3	PHY101	Physics I (A,B)
T-3, L-1 (35th) AC	A (40)	3	SE131	Data Structure (A)
		2	SE132	Data Structure Lab (A)
		3	SE133	Software Development Capstone Project (A,B)
		3	MAT102	Mathematics-II (A)
		3	STA101	Statistics (A)
T-3, L-1 (34th) AC	A (35) B (15)	3	SE211	Object Oriented Concepts (A,B)
		3	SE212	Software Requirement Specifications & Analysis (A,B)
		3	SE213	Digital Electronics & Logic Design (A,B)
		3	SE214	Algorithms Design & Analysis (A,B)
		2	SE215	Algorithms Design & Analysis Lab (A)
		1	SE215	Algorithms Design & Analysis Lab (B)
T-2, L-2 (33th) AC	A(40) B (15)	3	SE 221	Object Oriented Design (A,B)
		3	SE 222	Computer Architecture (A,B)
		3	SE 223	Database Systems (A,B)
		2	SE 224	Database Systems Lab (A)
		1	SE 224	Database Systems Lab (B)
		3	SE 532	Introduction to Robotics (A,B)
T-3, L-2 (32th) AC & CC	A-CC (40) B-CC (15) C-AC (12)	3	SE 231	System Analysis & Design Project (A,B,C)
		3	SE 232	Operating System & System Programming (A,B,C)
		2	SE 233	Operating System & System Programming Lab (A)
		1	SE 233	Operating System & System Programming Lab (B,C)
		3	SE 234	Theory of Computing (A,B,C)
		3	GE 235	Principles of Accounting, Business & Economics (A,B,C)
	A-CC (40)	3	SE 225	Data Communication & Computer Networking (A,B,C,D,E)

T-1, L-3 (31th) AC & CC	B-CC (40)	2	SE 226	Data Communication & Computer Networking Lab (A,B,D,E)
	C-CC (20)	1	SE 226	Data Communication & Computer Networking Lab (C)
	D-AC (40)	3	SE 311	Design Pattern (A,B,C,D,E)
	E-AC (30)	3	SE 312	Software Quality Assurance & Testing (A,B,C,D,E)
		2	SE 313	Software Quality Assurance & Testing Lab (A,B,D,E)
		1	SE 313	Software Quality Assurance & Testing Lab (C)
		3	BNS 101	Bangladesh Studies (A,B,C,D,E)
T-2, L-3 (30th) AC & CC	A-CC (40)	3	SE 321	Software Engineering Web Application (A,B)
		2	SE 322	Software Engineering Web Application Lab (A)
		1	SE 322	Software Engineering Web Application Lab (B)
	B-AC (20)	3	SE 323	Software Architecture & Design (A,B)
		3	SE 442	Management Information System (A,B)
		3	SE 441	Software Engineering Professional Ethics (A,B)
T-3, L-3 (29th) AC & CC	A-CC (40) B-CC (30) C-AC (30)	3	SE 331	Software Engineering Design Capstone Project (A,B,C,D)
		3	SE 332	Information System Security (A,C)
		3	SE 333	Artificial Intelligence(A,C)
		2	SE 334	Artificial Intelligence Lab (A)
		1	SE 334	Artificial Intelligence Lab (C)
		3	SE 342	Compiler Design (A,C)
		1	CS334	Ethical Hacking and Countermeasures
		2	CS335	Ethical Hacking and Countermeasures Lab
		2	CS336	Security Analysis and Penetration Testing
		2	CS337	Security Analysis and Penetration Testing Lab
T-1, L-4 (28th) AC & CC	A-CC (40) B-CC (40) C-CC (20) D-AC (40)	3	SE 411	Software Project Management & Documentation (non-major) (A,B,C,D)
		3	SE 324	Business Analysis & Communication (non-major) (A,B,C,D)
		3	SE 544	Introduction to Machine Learning (non-major) (A,B,D)
		3	SE 341	Numerical Analysis (non-major) (A,B,D)
		2	DS 331	Introduction to Data Science and Data Management & Analysis (ds major)
		1	DS 332	Introduction to Data Science and Data Management & Analysis (ds major)
		2	DS 411	Statistical Data Analysis (ds - major)

		1	DS 412	Statistical Data Analysis Lab (ds-mahor)
		3	CS418	Network and Communication Security (security major)
		3	CS419	Information Security Risk Management(security major)
T-2, L-4 (27th)	A-CC (30)	3	SE 447	Human Computer Interaction (A) (Non -Major Only)
		3	SE 444	Data Warehouse & Data Mining (A) (Non-Major Only)
		3	BNS 101	Bangladesh Studies (A)
		2	DS 421	Machine Learning Driven Data Analysis I(DS Major)
		1	DS 422	Machine Learning Driven Data Analysis Lab I (DS Major)
		2	DS 423	Machine Learning Driven Data Analysis II and Communicating Data Insights (DS Major)
		1	DS 424	Machine Learning Driven Data Analysis II and Communicating Data Insights Lab (DS Major)
		3	CS421	Information System Audit and Assurance
		3	CS422	Digital Forensic
		3	CS431	Cyber Law & Ethics of Cyber Security (27 Batch)