Program: CSE Department: CSE

Stream 1: Writing ENG 101 English Fundamentals 3.0	University Core	(G eneral Ed uca	ation)	39				
ENG 101 English Fundamentals 3.0	Stream	Course Code	Course Name	Credits	Grade	GP	Comments (if any)	
Comprehension ENG 102 English Composition 3.0	Writing	ENG 091	Foundation Course	0.0				
ENG 102 English Composition 3.0		ENG 101	English Fundamentals	3.0				
MAT 110	Comprenension	ENG 102	English Composition I	3.0				
MAT 110								
Math and Natural Sciences		MAT 092	Remedial Course in Mathematics	0.0				
Natural Sciences	Stream 2:	MAT 110	MATH I: Differential Calculus and	3.0				
Sciences			Co-ordinate Geometry					
STA 201 Elements of Statistics and Probability 3.0		PHY 111	Principles of Physics I	3.0				
### HUM 103	Sciences	STA 201	Elements of Statistics and Probability	3.0				
Minimum two from: BNG103 (If completed in RS) and/or HUM101, HUM102, HST102, HST104, HUM207, ENG113, ENG114, ENG115, ENG333 BNG 103 Bangla Language and Literature 3.0			Optional: CHE101, BIO	101, ENV1	03		•	
Minimum two from: BNG103 (If completed in RS) and/or HUM101, HUM102, HST102, HST104, HUM207, ENG113, ENG114, ENG115, ENG333 BNG 103 Bangla Language and Literature 3.0								
Minimum two from: BNG103 (If completed in RS) and/or HUM101, HUM102, HST102, HST104, HUM207, ENG113, ENG114, ENG115, ENG333 BNG 103 Bangla Language and Literature 3.0								
Minimum two from: BNG103 (If completed in RS) and/or HUM101, HUM102, HST102, HST104, HUM207, ENG113, ENG114, ENG115, ENG333 BNG 103 Bangla Language and Literature 3.0								
Stream 3: Arts and Humanities		HUM 103	Ethics and Culture	3.0				
Arts and Humanities BNG 103 Bangla Language and Literature 3.0 Or, those who have already completed the following courses before Fall 2022 (Cannot be taken now): ACT201, ACT202, BUS101, BUS202, BCH101, BTE101, CHE110, CHN101, FRN101, FIN301, GE0101, LAW101, HUM111/HST407, STA301 Stream 4: Social Sciences Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, EC0101, EC0102, EC0105, BUS1 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Stream 5: Communities, Maximum one from: CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310		Minimum two	from: BNG103 (If completed in RS) and/or	r HUM101	, HUM10	2, HST	102, HST104,	
### Social Sciences Stream 4: Social Sciences Minimum one from: PSY101, SOC201/ANT202, ANT342, ANT351, BUS333	Stream 3:	HUM207, ENG1	13, ENG114, ENG115, ENG333			-		
Or, those who have already completed the following courses before Fall 2022 (Cannot be taken now): ACT201, ACT202, BUS101, BUS202, BCH101, BTE101, CHE110, CHN101, FRN101, FIN301, GEO101, LAW101, HUM111/HST407, STA301		BNG 103	Bangla Language and Literature	3.0				
Now : ACT201, ACT202, BUS101, BUS202, BCH101, BTE101, CHE110, CHN101, FRN101, FIN301, GEO101, LAW101, HUM111/HST407, STA301	Humanities							
Now : ACT201, ACT202, BUS101, BUS202, BCH101, BTE101, CHE110, CHN101, FRN101, FIN301, GEO101, LAW101, HUM111/HST407, STA301								
ACT201, ACT202, BUS101, BUS202, BCH101, BTE101, CHE110, CHN101, FRN101, FIN301, GEO101, LAW101, HUM111/HST407, STA301 Stream 4: Social Sciences Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, ECO101, ECO102, ECO105, BUS1 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Stream 5: Communities, CST310 CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310 CST310			have already completed the following co	urses befo	re Fall 20)22 (Ca	annot be taken	
LAW101, HUM111/HST407, STA301 Stream 4: Social Sciences Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, ECO101, ECO102, ECO105, BUS1 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333		_	2 DUCAGA DUCAGA DOUAGA DTEAGA CUE	110 CUN	101 FDN	101 FI	N204 CEO404	
Stream 4: Social Sciences Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, ECO101, ECO102, ECO105, BUS1 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Stream 5: Maximum one from: CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310				:110, CHN	101, FKN	101, FI	N301, GEO101,	
Stream 4: DEV 101 Bangladesh Studies Social Sciences Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, ECO101, ECO102, ECO105, BUS1 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Stream 5: Maximum one from: CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310		- , -						
Stream 4: DEV 101 Bangladesh Studies Social Sciences Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, ECO101, ECO102, ECO105, BUS1 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Stream 5: Maximum one from: CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310								
Stream 4: DEV 101 Bangladesh Studies Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, ECO101, ECO102, ECO105, BUS1 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Stream 5: Maximum one from: CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310		FMR 101 /	Emergence Of Bangladesh /	3.0				
POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Stream 5: Communities, CST310 POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333 Maximum one from: CST301, CST302, CST304, CST305, CST306, CST307, CST308, CST309, CST310	Stream 4:	=		3.0				
Stream 5: Maximum one from: CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310	Social Sciences							
Communities, CST310		POL102, DEV10	14, POL201, SOC201/ANT202, ANT342, ANT T	T351, BUS	333	1	1	
Communities, CST310								
Communities, CST310								
Communities, CST310								
communicas,			from: CST301, CST302, CST303, CST304, C	CST305, CS	T306, CS	T307, (CST308, CST309,	
JECNING	-	C21310	T	1		1	1	
Transformation	_							

School Core			12			
	Course Code	Course Name	Credits	Grade	GP	Comments (if any)
	MAT 120	MATH II: Integral Calculus and Differential	3.0			
		Equations				

MAT 215	MATH III:	3.0		
MAT 216	MATH IV:	3.0		
PHY 112	Principles of Physics II	3.0		_

rogram Core		75			
Course Code	Course Name	Credits	Grade	GP	Comments (if any)
CSE 110 / CSE 161 + CSE 162 L / EEE/ECE103 + EEE/ECE103 L	Programming Language I	3.0			
CSE 111	Programming Language II	3.0			
CSE 220	Data Structures	3.0			
CSE 221	Algorithms	3.0			
CSE 230	Discrete Mathematics	3.0			
CSE 250	Circuits and Electronics	3.0			
CSE 251	Electronic Devices and Circuits	3.0			
CSE 260 / EEE 283 + EEE 283 L / EEE 301 + EEE 302	Digital Logic Design	3.0			
CSE 320	Data Communications	3.0			
CSE 321	Operating System	3.0			
CSE 330	Numerical Methods	3.0			
CSE 331	Automata and Computability	3.0			
CSE 340	Computer Architecture	3.0			
CSE 341	Microprocessors	3.0			
CSE 350	Digital Electronics and Pulse Techniques	3.0			
CSE 360	Computer Interfacing	3.0			
CSE 370	Database Systems	3.0			
CSE 420	Compiler Design	3.0			
CSE 421	Computer Networks	3.0			
CSE 422	Artificial Intelligence	3.0			
CSE 423	Computer Graphics	3.0			
CSE 460	VLSI Design	3.0			
CSE 461	Introduction to Robotics	3.0			
CSE 470	Software Engineering	3.0			
CSE 471	Systems Analysis and Design	3.0			

Program Elective			6			
	Course Code	Course Name	Credits	Grade	GP	Comments (if any)
	CSE		3.0			
			3.0			

Project / Internship / Thesis			4			
	Course Code	Course Name	Credits	Grade	GP	Comments (if any)
	CSE 400	PROJECT & THESIS	4.0			