

University Core (General Education)			39			
Stream	Course Code	Course Name	Credits	Grade	GP	Comments (if any)
Stream 1: <i>Writing Comprehension</i>	ENG 091	Foundation Course	0.0			
	ENG 101	English Fundamentals	3.0			
	ENG 102	English Composition I	3.0			
Stream 2: <i>Math and Natural Sciences</i>	MAT 092	Remedial Course in Mathematics	0.0			
	MAT 110	MATH I: Differential Calculus and Co-ordinate Geometry	3.0			
	PHY 111	Principles of Physics I	3.0			
	STA 201	Elements of Statistics and Probability	3.0			
	Optional: CHE101, BIO101, ENV103					
Stream 3: <i>Arts and Humanities</i>	HUM 103	Ethics and Culture	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			
	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					
Stream 4: <i>Social Sciences</i>	EMB 101 / DEV 101	Emergence Of Bangladesh / Bangladesh Studies	3.0			
	Minimum one from: PSY101, SOC101, ANT101, POL101, BUS201, ECO101, ECO102, ECO105, BUS102, POL102, DEV104, POL201, SOC201/ANT202, ANT342, ANT351, BUS333					
Stream 5: <i>Communities, Seeking Transformation</i>	Maximum one from: CST301, CST302, CST303, CST304, CST305, CST306, CST307, CST308, CST309, CST310					

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

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

Program 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			