BRAC University
CS Program
(For students admitted in Spring 2005 or later)

Standard Sequence of Courses

Semester	Courses				
1	ENG 101: English Fundamentals (3 credits)	MAT 110: Mathematics I (3 credits)	CSE 110: Programming Language I (3 credits)	PHY 111: Principles of Physics I (3 credits)	
2	ENG 102: English Composition (3 credits)	MAT 120: Mathematics II (3 credits)	DEV 101: Bangladesh Studies (3 credits)	HUM 103: Ethics and Culture (3 credits)	STA 201: Elements of Statistics and Probability (3 credits)
3	CSE 111: Programming Language II (3 credits)	PHY 112: Principles of Physics II (3 credits)	*COD **I**,	*COD **II**	
4	MAT 215: Mathematics III (3 credits)	CSE 220: Data Structures (3 credits)	CSE 230: Discrete Mathematics (3 credits)	*COD **III**	
5	MAT216: Mathematics IV (3 credits)	CSE 221: Algorithms (3 credits)	CSE 260: Digital Logic Design (3 credits)	*COD **IV**	
6	ELECTIVE COURSE **I** (3 Credits)	CSE 340: Computer Architecture (3 credits)	*COD **V**	CSE 330: Numerical Methods (3 credits)	
7	ELECTIVE COURSE **II** (3 Credits)	CSE 370: Database Systems (3 credits)	ELECTIVE COURSE **III** (3 Credits)	CSE 321: Operating System (3 credits)	
8	ELECTIVE COURSE **IV** (3 Credits)	CSE 331: Automata and Computability (3 credits)	ELECTIVE COURSE **V** (3 Credits)	CSE 310: Object Oriented Programming (3 credits)	
9	ELECTIVE COURSE **VI** (3 Credits)	CSE 470: Software Engineering (3 credits)	CSE 423: Computer Graphics	CSE 421: Computer Networks (3 credits)	
10	CSE 420: Compiler Design (3 credits)	CSE 422: Artificial Intelligence (3 credits)	ELECTIVE COURSE **VII** (3 Credits)	CSE 400: Internship/ Thesis (4 credits)	

*COD = COURSE OUTSIDE DEPARTMENT i.e. this course cannot be a CSE/CS course (3 Credits)