Course Plan For Scholarship Students

Semester	1	2	3	4
Course 1	Introduction to Programming + Lab	Discrete Math	Data Structure (Theory) + Lab	Algorithm
Course 2	Introduction to Computer Studies	Object Oriented Programming 1 (JAVA)	Introduction to Database	Object Oriented Analysis and Design
Course 3	Diff Calculus	Integral Calculus	Complex Variable	Matrices, Vector and Fourier Analysis
Course 4	English Reading Skills	English Writing Skills	Introduction to EC + Lab	Electronic Devices + Lab
Course 5	Physics 1 + Lab	Bangladesh Studies		Computer Aided Design
Total Credits	15	15	14	14

Semester	5	6	7	8
Course 1	Theory of Computation	Compiler Design	Artifical Intelligence	Research Methodology
Course 2	Object Oriented Programming 2	Computer Graphics	Software Engineering	Web Technologies.
Course 3	Physics 2 + Lab	Computational Statistic and Probability	Computer Networks	Computer Organization and Arch.
Course 4	Digital Logic Circuits + Lab	Data Comm	Microprocessor and I/o System	Numerical Methods
Course 5		Principles of Accounting	Principles of Economics	Bus Comm
Total Credits	14	15	14	15

Semester	9	10	11	12
Course 1	Operating Systems	Thesis	Intern	
Course 2	Elective1	Elective3		
Course 3	Elective2	Elective4		
Course 4	Chemistry	Elective5		
Course 5	Engineering Management	Engineering Ethics		
Total Credits	15	14	3	

Course Plan For Non-Scholarship Students

Semester	1	2	3	4
Course 1	Introduction to Computer Studies	Discrete Math	Data Structure (Theory) + Lab	Algorithm
Course 2	Introduction to Programming + Lab	Object Oriented Programming 1 (JAVA)	Introduction to Database	Object Oriented Analysis and Design
Course 3	Diff Calculus	Integral Calculus	English Writing Skills	Complex Variable
Course 4	Physics 1 + Lab	Physics 2 + Lab	Introduction to EC + Lab	Electronic Devices + Lab
Course 5	English Reading Skills			
Total Credits	15	13	14	13

Semester	5	6	7	8
Course 1	Principles of Accounting	Theory of Computation	Compiler Design	Computer Networks
Course 2	Object Oriented Programming 2	Software Engineering	Computer Graphics	Web Technologies.
Course 3	Matrices, Vector and Fourier Analysis	Bus Comm	Numerical Methods	Computational Statistic and Probability
Course 4	Digital Logic Circuits + Lab	Data Comm	Chemistry	Microprocessor and I/o System
Course 5	Bangladesh Studies			
Total Credits	16	12	12	12

Semester	9	10	11	12
Course 1	Artifical Intelligence	Research Methodology	Elective3	Intern
Course 2	Operating Systems	Elective1	Elective4	Thesis
Course 3	Computer Organization and Arch.	Elective2	Elective5	
Course 4	Computer Aided Design	Engineering Management	Engineering Ethics	
Course 5	Principles of Economics			
Total Credits	12	12	11	6