Semester	Course No	Course Name	Credits	Offered by...	Nature of Course	Sem (even/odd)	Schedule/ Slot
1	ID1035	Independent Project	1	ID	Common Course	Odd	16
1	MA1110	Calculus-I	1	MA	Common Course	Odd	12
1	MA1220	Calculus-II	2	MA	Common Course	Odd	36
1	PHXXXX	PH Electives	1	PH	Common Course	Odd	16
1	CYXXXX	CY Electives	1	CY	Common Course	Odd	16
1	ID1054	Digital Fabrication	2	ME	Common Course	Odd	16
1	ID1303	Introduction to Programming	2	CSE	Common Course	Odd	36
1	LAxxxx	Liberal & Creative Arts Electives	1	LA	Floating Course	Odd	16
1	CS1310	Discrete Structures I	2	CSE	Dept Course	Odd	14
1	EE1110	Digital Design though Arduino	1	EE	Dept Course	Odd	??
1	EE1120	Digital System Design	1	EE	Dept Course	Odd	??
		Sem I Credits	15				
2	MA1130	Vector Calculus	1	MA	Common Course	Even	12
2	MA1140	Linear Algebra	1	MA	Common Course	Even	34
2	PHXXXX	PH Electives	2	PH	Common Course	Even	16
2	CYXXXX	CY Electives	1	CY	Common Course	Even	16
2	BOXXXX	BO Electives	1	BTE	Common Course	Even	16
2	CS1353	Introduction to Data Structures	3	CSE	Dept Course	Even	36
2	CS1340	Discrete Structures II	2	CSE	Dept Course	Even	36
2	LAxxxx	Liberal & Creative Arts Electives	2	LA	Floating Course	Even	16
2	XXxxxx	Free Electives	1	FE	Floating Course	Even	16
2	EEXXX	DSP	1	EE	Dept Course	Even	
		Sem II Credits	15				
3	MA2110	Probability	1	MA	Common Course	Odd	12
3	PHxxxx	PH electives	1	PH	Common Course	Odd	16
3	PH1031	Physics Lab	2	PH	Common Course	Odd	16
3	CS2233	Data Structures	3	CSE	Dept Course	Odd	14

3	CS2400	Principles of Programming Languages I		1	CSE	Dept Course	Odd	56
3	LAxxxx	Liberal & Creative Arts Electives		2	LA	Floating Course	Odd	16
3	XXxxxx	Free Electives		2	FE	Floating Course	Odd	16
3	CS3510	OS I		1	CSE	Dept Course	Odd	56
3	CS2323	Computer Architecture		2	CSE	Dept Course	Odd	14
		Sem III Credits		**15**				
4	CS2410	Theory of Computation		2	CSE	Dept Course	Even	14
4	CS2420	Introduction to Complexity Theory		1	CSE	Dept Course	Even	56
4	CS2433	Principles of Programming Languages II		3	CSE	Dept Course	Even	14
4	XXxxxx	Free Electives		2	FE	Floating Course	Even	16
4	Maxxxx	MA Elective		1	MA	Common Course	Even	16
4	CS3320	Compilers-I		1	CSE	Dept Course	Even	56
4	CS2443	Algorithms		3	CSE	Dept Course	Even	16
4	CS3523	OS II		3	CSE	Dept Course	Even	16
		Sem IV Credits		**16**				
5	BMXXXX	BM Electives		1	BM	Common Course	Odd	56
5	CS3423	Compilers-II		3	CSE	Dept Course	Odd	14
5	CS3530	Computer Networks I		1	CSE	Dept Course	Odd	12
5	XXXXXX	Free Electives		5	FE		Odd	16
5	CS3550	DBMS I		1	CSE	Dept Course	Odd	56
		Sem V Credits		**11**				
6	CS3543	Computer Networks II		3	CSE	Dept Course	Even	16
6	CS3563	DBMS II		3	CSE	Dept Course	Even	16
6	XXXXXX	Free Electives		3	FE		Even	16
		Sem VI Credits		**9**				
7	CS4443	Software Engineering		3	CSE	Dept Course	Odd	16

7	XXxxxx	Free Electives	3	FE	Floating Course	Odd	16
		Sem VII Credits	6				
8	LAxxxx	Professional Ethics	1	LA	Common Course	Even	??
8	XXxxxx	Free Electives	6	FE	Floating Course	Even	16
		Sem VIII Credits	7				
	CSxxxx	Dept Electives in 5, 6, 7, 8 semesters	24	CSE	Dept Course		
	Laxxxx	Liberal & Creative Arts Electives in 5, 6, 7, 8 semesters	7	LA	Floating Course		
		Total Credits	125				
		Total	125				
		Science Credits	17				
		LA/CA Credits	13				
		Dept Core	44				
		Dept Electives	24				
		ID courses	5				
		Free electives	22				