

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	PH1017	Classical Physics	1	PH	Common Course	Odd	34
1	CY1017	Environmental Chemistry-I	1	CY	Common Course	Odd	12
1	CY1031	Chemistry Lab	2	CY	Common Course	Odd	16
1	ID1054	Digital Fabrication	2	ME	Common Course	Odd	16
1	ID1100	Introduction to Programming	1	CSE	Common Course	Odd	16
1	ID1101	Introduction to Programming Lab	2	CSE	Common Course	Odd	16
1	EE1110	Boolean Algebra	1	EE	Common Course	Odd	12
1	CS1110	Proof Techniques	1	CSE	Dept Course	Odd	12
1	CS1120	Automata Theory	1	CSE	Dept Course	Odd	56
1	LAXxxx	Liberal & Creative Arts Electives	2	LA	Floating Course	Odd	16
		<b>Total</b>	<b>18</b>				
2	MA1130	Vector Calculus	1	MA	Common Course	Even	12
2	MA1140	Linear Algebra	1	MA	Common Course	Even	34
2	PH1027	EM & Maxwells eqn	1	PH	Common Course	Even	34
2	CY1027	Dynamics of Chemical Systems-I	1	CY	Common Course	Even	12
2	BO1010	Introduction to Life Sciences	1	BTE	Common Course	Even	34
2	CS1230	Introduction to Data Structures	2	CSE	Dept Course	Even	14
2	CS1231	Introduction to Data Structures Lab	2	CSE	Dept Course	Even	14
2	CS1240	Software Engineering-I	1	CSE	Dept Course	Even	34
2	CS1250	Combinatorics	2	CSE	Dept Course	Even	56
2	CS1260	Graph Theory	1	CSE	Dept Course	Even	56
2	CS1270	Introduction to Database Mgmt Systems	1	CSE	Dept Course	Even	12
2	CS1271	Introduction to Database Mgmt Systems Lab	1	CSE	Dept Course	Even	12

2	CS1280	Introduction to Operating Systems	1	CSE	Dept Course	Even	12
2	LAxxxx	Liberal & Creative Arts Electives	2	LA	Floating Course	Even	16
2	XXxxxx	Free Electives	1	FE	Floating Course	Even	16
		<b>Total</b>	<b>19</b>				
3	MA2110	Probability	1	MA	Common Course	Odd	12
3	PHxxxx	Physics (electives)	2	PH	Common Course	Odd	16
3	PH1031	Physics Lab	2	PH	Common Course	Odd	16
3	EE2120	Computer Organization	1	EE	Common Course	Odd	56
3	EE2110	Digital Systems and Design	2	EE	Common Course	Odd	12
3	CS2230	Data Structures	2	CSE	Dept Course	Odd	14
3	CS2231	Data Structures Lab	2	CSE	Dept Course	Odd	14
3	CS2400	Principles of Programming Languages I	1	CSE	Dept Course	Odd	56
3	CS2401	Principles of Programming Languages I Lab	1	CSE	Dept Course	Odd	56
3	CS3303	Software Technologies	2	CSE	Dept Course	Odd	16
3	LAxxxx	Liberal & Creative Arts Electives	3	LA	Floating Course	Odd	16
3	XXxxxx	Free Electives (total 1 for 3 & 4 sems)	0-1	FE	Floating Course	Odd	16
3	Eexxxx	Digital Signal Processing I	1	EE	Dept Course	Odd	12
		<b>Total</b>	<b>20-21</b>				
4	PHxxxx	Physics (elective)	1	PH	Common Course	Even	16
4	CS2440	Algorithms I	2	CSE	Dept Course	Even	14
4	CS2410	Theory of Computation	2	CSE	Dept Course	Even	14
4	CS2420	Introduction to Complexity Theory	1	CSE	Dept Course	Even	56
4	CS2430	Principles of Programming Languages II	2	CSE	Dept Course	Even	14
4	CS2431	Principles of Programming Languages II Lab	2	CSE	Dept Course	Even	14
4	CS2323	Computer Architecture	2	CSE	Dept Course	Even	36

4	LAxxxx	Liberal & Creative Arts Electives	3	LA	Floating Course	Even	16
4	XXxxxx	Free Electives (total 1 for 3 & 4 sems)	0-1	FE	Floating Course	Even	16
		<b>Total</b>	<b>15-16</b>				
5	MA2120	Transforms	1	MA	Common Course	Odd	34
5	BM1030	Bio-Engineering	1	BM	Common Course	Odd	56
5	CS3500	Algorithms II	2	CSE	Dept Course	Odd	14
5	CS3320	Compilers-I	1	CSE	Dept Course	Odd	12
5	CS3423	Compilers-II	3	CSE	Dept Course	Odd	36
5	CS3510	Operating Systems I	1	CSE	Dept Course	Odd	12
5	CS3523	Operating Systems II	3	CSE	Dept Course	Odd	36
5	CSxxxx	Dept Electives	3	CSE	Dept Course	Odd	16
		<b>Total</b>	<b>15</b>				
6	CS3530	Computer Networks I	1	CSE	Dept Course	Even	16
6	CS3543	Computer Networks II	3	CSE	Dept Course	Even	16
6	CS3563	Introduction to DBMS II	3	CSE	Dept Course	Even	16
6	CSxxxx	Dept Electives	6	CSE	Dept Course	Even	16
6	LAxxxx	Liberal & Creative Arts Electives	2	LA	Floating Course	Even	16
		<b>Total</b>	<b>15</b>				
7	CS4443	Software Engineering	3	CSE	Dept Course	Odd	16
7	CSxxxx	Dept Electives	9	CSE	Dept Course	Odd	16
7	LAxxxx	Liberal & Creative Arts Electives	2	LA	Floating Course	Odd	16
7	XXxxxx	Free Electives	2	FE	Floating Course	Odd	16
		<b>Total</b>	<b>16</b>				
8	CSxxxx	Dept Electives	6	CSE	Dept Course	Even	16
8	LAxxxx	Professional Ethics	1	LA	Common Course	Even	??
8	LAxxxx	Liberal & Creative Arts (Professional Ethics)	2	LA	Floating Course	Even	16

8	XXxxxx	Free Electives	7	FE	Floating Course	Even	16
		<b>Total</b>	<b>16</b>				