

[illegible]

Sem 3				Sem 4				Segment		Pre-requisites	
	Code	Credits	Segment		Code	Credits	Segment				
Data Structures	CS2233	5	16	Theory of Computation	CS2030	3	16	CS1010			
C. Architecture	CS2323	2	36	Operating Systems 2	CS3523	3	14	CS3510			
Operating Systems 1	CS3510	1	56	Algorithms	CS2443	3	16	CS1010 AND (ID2230 OR CS2233)			
Transform Techniques	MA2120	1		Compilers 1	CS3320	1	56				
Linear Algebra	MA4020	3		Intro to Statistics	MA2140	1					
Digital Circuits	EE2xxx	3		LA/CA		1					
DBMS-1	CS3550	1	56	DBMS-2	CS3563	3	14	CS3550			
				Intro to Entrepreneurship		1					
Total		16		Total		16					
Data Structures & Applications	ID2230	3	16								
Offered for non-CSE students											

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	Sem 7	Code	Credits		Sem 8	Code	Credits	
	Dept Electives		12		Dept Electives		9	
	Free Electives		1		Free Electives		6	
	LA/CA		2		LA/CA		1	
	Total		15		Total		16	

Sem 1	Code	Credits		Sem 2	Code	Credits		
Calculus 1	MA1110	1		Basic Electrical Engineering	EE1xxx	3		
Calculus 2	MA1220	1		Digital Fabrication	ID1054	2		
Modern Physics		2		Physics Lab		2		
Environmental Chemistry	CY1017	2		Life Sciences (BO)	BT1010	1		
Intro to Programming	ID1063	3	16	Software Development F	CS1023	3	16	
English Communication		2		LA/CA		1		
Discrete Maths	CS1010	3	16	Probability & Random variables (AI)	AI1102	3		
Intro to Computing	CS1000	1	36	Introduction to AI		1		
Total		15		Total		16		
Sem 3	Code	Credits		Sem 4	Code	Credits		
Data Structures	CS2233?	5		Theory of Computation	CS2030	3		
C. Architecture	CS2323	2		Operating Systems 2	CS3523	3		
Operating Systems 1	CS3510	1		Algorithms	CS2443	3		
Transform Techniques		1		Compilers 1	CS3320	1		
Linear Algebra	MA4020	3		Intro to Statistics	MA2140	1		
Digital Circuits		3		LA/CA		1		
DBMS-1	CS3550	1		DBMS-2	CS3563	3		
				Intro to Entrepreneurship		1		
Total		16		Total		16		
Data Structures & Applications	ID2230	3	Non-CSE					
Sem 5	Code	Credits		Sem 6	Code	Credits		
Computer Networks	CS3530	4		SWE	CS4443	3		
Compilers-2	CS3423	3		Dept Electives		9		
Foundations-ML	CS3390	3		LA/CA	LAxxxx	1		
LA/CA	LAxxxx	2		Free Electives		3		
Personality Development		1						
Free Electives		3						
Total		16		Total		16		
Sem 7	Code	Credits		Sem 8	Code	Credits		
Dept Electives		12						
Free Electives		1		Dept Electives		9		
LA/CA	LAxxxx	2		Free Electives		6		
				LA/CA	LAxxxx	1		
Total		15		Total		16		
	Senate	Ours						
Basic Sciences	14-15	14						
Basic Engg	14-15	15						
Dept Core	40	42						
Dept Electives	30	30						
Free Electives	12-13	13						
Life Skills	4	4						
LA/CA	8-9	8						
Total	88304	126						