Study plan of Computer Science

First Level

First semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	P/Tu	Total	Term work	Th.	Minimum	Total
Introduction to Computers and Applications	3	4	7	30	70	50	100
Discrete Structures	3	2	5	20	80	50	100
Physics	3	4	7	20	80	50	100
Mathematics 1	3	2	5	20	80	50	100
1 English	3	2	5	20	80	50	100
Total credit hours	**15**	**14**	**29**				

Second semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	P/Tu	Total	Term work	Th.	Minimum	Total
Structured Programming	3	4	7	30	70	50	100
Computer Package	2	5	7	30	70	50	100
Electronics	3	3	6	20	80	50	100
Mathematics 2	3	2	5	20	80	50	100
English 2	3	2	5	20	80	50	100
Total credit hours	**14**	**16**	**28**				

Second Level

First semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	P/Tu	Total	Term work	Th.	Minimum	Total
Mathematics 3	3	2	5	20	80	50	100
Data structure	3	4	7	30	70	50	100
logic design	3	4	7	20	80	50	100
File Organization and Processing	3	4	7	30	70	50	100
Principles of Management	3	1	4	20	80	50	100
Total credit hours	15	15	30				

Second semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	Th/Tu	Total	Term work	Th.	Minimum	Total
Object Oriented Programming	3	4	7	30	70	50	100
System Analyses	3	3	6	20	80	50	100
Probability and Statistics	3	3	6	20	80	50	100
Computer Organization and Assembly Language	3	4	7	20	80	50	100
Logical Thinking and Scientific Research	3	1	4	20	80	50	100
Total credit hours	15	15	30				

Third Level

First semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	P/Tu	Total	Term work	Th.	Minimum	Total
Database Management Systems	3	3	6	30	70	50	100
Operating Systems	3	3	6	30	70	50	100
System Design	3	3	6	20	80	50	100
Human computer interfaces	3	3	6	20	80	50	100
Optional Subject*	3	3	6	30	70	50	100
Total credit hours	15	15	30				

Second semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	Th/Tu	Total	Term work	Th.	Minimum	Total
Computer Networks	3	3	6	30	70	50	100
Computer Graphics	3	3	6	20	80	50	100
Software Engineering 1	3	3	6	30	70	50	100
logic programming	3	3	6	30	70	50	100
Optional Subject*	3	3	6	30	70	50	100
Total credit hours	15	15	30				

Fourth Level

First semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	P/Tu	Total	Term work	Th.	Minimum	Total
Artificial Intelligence	3	3	6	30	70	50	100
Network Programming	3	3	6	30	70	50	100
Software Engineering 2	3	3	6	30	70	50	100
Optional Subject*	3	3	6	30	70	50	100
Graduation Project	3	3	6	40		–	–
Total credit hours	15	15	30				

Second semester

Course	Credit hours			Marks		Total/Minimum Marks	
	Th	Th/Tu	Total	Term work	Th.	Minimum	Total
Expert System	3	3	6	30	70	50	100
Multimedia	3	3	6	30	70	50	100
Optional Subject*	3	3	6	30	70	50	100
Optional Subject*	3	3	6	30	70	50	100
Graduation Project	3	3	6	160 / Oral discussion		100	200
Total credit hours	15	15	30				