Bachelors of Science in Computer Science (BSCS) & MCS Morning

#	Name of the Subject	Credit Hrs.	Class on Saturday
	BSCS-I A		
1.	Programming Fundamentals	3 + 1	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	Calculus & Analytical Geometry	3 + 0	Saturday,23rd May 2020 (10:50 – 01:30)
3.	English Comprehension	3 + 0	Saturday, 30th May 2020 (8:00 – 10:40)
4.	Introduction to Information and Communication Technology	3 + 1	Saturday, 30th May 2020 (10:50 – 01:30)
5.	Pakistan Studies	2 + 0	Saturday, 6th June 2020 (8:00 – 10:40)
6.	Islamic Studies	2 + 0	Saturday, 6th June 2020 (10:50 – 01:30)
	1st Semester Total Cr. Hrs.	**16**	

#	Name of the Subject	Credit Hrs.	
	BSCS-I B		
1.	Programming Fundamentals	3 + 1	Saturday, 30th May 2020 (8:00 – 10:40)
2.	Calculus & Analytical Geometry	3 + 0	Saturday, 30th May 2020 (10:50 – 01:30)
3.	English Comprehension	3 + 0	Saturday, 6th June 2020 (8:00 – 10:40)
4.	Introduction to Information and Communication Technology	3 + 1	Saturday, 6th June 2020 (10:50 – 01:30)
5.	Pakistan Studies	2 + 0	Saturday, 23rd May 2020 (8:00 – 10:40)
6.	Islamic Studies	2 + 0	Saturday,23rd May 2020 (10:50 – 01:30)
	1st Semester Total Cr. Hrs.	**16**	
	BSCS-II A		
1.	Applied Physics and basic electronics	3 + 1	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	Object Oriented Programming	3 + 1	Saturday,23rd May 2020 (10:50 – 01:30)
3.	Communication and presentation skills	3 + 0	Saturday, 13th June 2020 (10:50 – 01:30)
4.	Human Resource Management	2 + 0	Saturday, 30th May 2020 (10:50 – 01:30)
5.	Multi Variable Calculus	3 + 0	Saturday, 6th June 2020 (8:00 – 10:40)
	2nd Semester Total Cr. Hrs.	**17**	

		Credit Hrs.	
	BSCS-II B		
Applied Physics and basic electronics		3 + 1	Saturday, 6th June 2020 (8:00 – 10:40)
Object Oriented Programming		3 + 1	Saturday, 6th June 2020 (10:50 – 01:30)
Communication and presentation skills		3 + 0	Saturday, 30th May 2020 (8:00 – 10:40)
Human Resource Management		2 + 0	Saturday, 13th June 2020 (10:50 – 01:30)
Multi Variable Calculus		3 + 0	Saturday,23rd May 2020 (10:50 – 01:30)
2nd Semester Total Cr. Hrs.		**17**	
	BSCS-III		
1.	DLD	3 + 1	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	Data Structures and Algorithms	3 + 1	Saturday,23rd May 2020 (10:50 – 01:30)
3.	Discrete structures	3 + 0	Saturday, 30th May 2020 (8:00 – 10:40)
4.	Professional Practices	3 + 0	Saturday, 30th May 2020 (10:50 – 01:30)
5.	Differential Equations	3 + 0	Saturday, 6th June 2020 (8:00 – 10:40)
	3rd Semester Total Cr. Hrs.	**17**	
	BSCS-IV		
1.	Design and Analysis of Algorithms	3 + 0	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	Software engineering	3 + 0	Saturday,23rd May 2020 (10:50 – 01:30)
3.	Database systems	3 + 1	Saturday, 20th June 2020 (8:00 – 10:40)
4.	Linear Algebra	3 + 0	Saturday, 6th June 2020 (8:00 – 10:40)
5.	Web-Programming	2.5 + 0.5	Saturday, 13th June 2020 (8:00 – 10:40)
	4th Semester Total Cr. Hrs.	**16**	
	BSCS-V A		
1.	Microprocessor and Assembly Language	2 + 1	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	Computer Networks	2 + 1	Saturday,23rd May 2020 (10:50 – 01:30)
3.	Operating System	3 + 1	Saturday, 30th May 2020 (8:00 – 10:40)
4.	Statistics & Probability	3 + 0	Saturday, 13th June 2020 (8:00 – 10:40)
5.	Numerical Computing	3 + 0	Saturday,6th June 2020 (8:00 – 10:40)
	5th Semester Total Cr. Hrs.	**15**	
	BSCS-V B		
1.	Microprocessor and Assembly Language	2 + 1	Saturday, 30th May 2020 (10:50 – 01:30)
2.	Computer Networks	2 + 1	Saturday,6th June 2020 (8:00 – 10:40)
3.	Operating System	3 + 1	Saturday, 30th May 2020 (8:00 – 10:40)
4.	Statistics & Probability	3 + 0	Saturday, 23rd May 2020 (8:00 – 10:40)
5.	Numerical Computing	3 + 0	Saturday, 13th June 2020 (8:00 – 10:40)
	5th Semester Total Cr. Hrs.	**15**	
	BSCS-VI		
1.	Information Security	3 + 0	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	Automata Theory	3 + 0	Saturday,23rd May 2020 (10:50 – 01:30)
3.	Chinese – I / French Language	3 + 0	Saturday, 30th May 2020 (8:00 – 10:40)
4.	Numerical Computing	3 + 0	Saturday, 30th May 2020 (10:50 – 1:30)
5.	Visual Programming	3 + 1	Saturday,6th June 2020 (8:00 – 10:40)

6.	Artificial Intelligence	2.5 +0.5	Saturday,6th June 2020 (10:50 – 1:30)
	6th Semester Total Cr. Hrs.	**19**	

BSCS – VII

#	Name of the Subject	Credit Hrs	
1.	Computer Graphics	3 + 0	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	Chinese – II	3 + 0	Saturday,23rd May 2020 (10:50 – 01:30)
3.	Artificial Intelligence (Elective II)	2 + 1	Saturday, 30th May 2020 (8:00 – 10:40)
4.	Compiler Construction	2 + 1	Saturday, 30th May 2020 (10:50 – 1:30)
5.	Data Communication	2 + 1	Saturday,20th June 2020 (8:00 – 10:40)
6.	Software Project Management (Elective – I)	3+0	Saturday,13th June 2020 (10:50 – 1:30)
	7th Semester Total Cr. Hrs.	**15**	

BSCS – VIII

#	Name of the Subject	Credit Hrs	
1.	Chinese – III	3 + 0	Saturday, 30th May 2020 (8:00 – 10:40)
2.	System Programming	3 + 1	Saturday,6th June 2020 (8:00 – 10:40)
3.	Mobile Application Development (Elective – III)	3 + 0	Saturday,13th June 2020 (10:50 – 1:30)
	8th Semester Total Cr. Hrs	10	

MCS

MCS – I (40)

#	Course Code	Name of the Subject	Credit Hrs	
1.	CS-112	Introduction to Computer Programming	3+1	Saturday,6th June 2020 (8:00 – 10:40)
2.	CS-113	Fundamentals of Algorithms	3+0	Saturday, 23rd May 2020 (8:00 – 10:40)
3.	CS-322	Operating Systems	2.5 + 0.5	Saturday,23rd May 2020 (10:50 – 01:30)
4.	CS-214	Discrete Structures	3+0	Saturday, 30th May 2020 (10:50 – 1:30)
5.	EG-114	English Comprehension & Communication	3+0	Saturday,13th June 2020 (10:50 – 1:30)

MCS – II (40)

#	Course Code	Name of the Subject	Credit Hrs	
1.	CS-215	Object Oriented Programming	3+1	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	CS-327	Automata Theory	3+0	Saturday, 30th May 2020 (8:00 – 10:40)
3.	CS-328	Computer Networks	2.5 +0.5	Saturday, 23rd May 2020 (8:00 – 10:40)
4.	CS-216	Data Base Management Systems	3+1	Saturday, 30th May 2020 (10:50 – 1:30)
5.	CS-218	Digital Logic & Design	2.5 +0.5	Saturday,6th June 2020 (8:00 – 10:40)
6.	CS-217	Data Structures	3+1	Saturday,13th June 2020 (10:50 – 1:30)

MCS – III (23)

#	Course Code	Name of the Subject	Credit Hrs	
1.	CS-325	Computer Architecture	2.5 + 0.5	Saturday,6th June 2020 (8:00 – 10:40)
2.	CS-219	Software Engineering	3+0	Saturday, 30th May 2020 (10:50 – 1:30)
3.	CS-324	Web Programming	2.5 + 0.5	Saturday,20th June 2020 (10:40 – 1:30)
4.	CS-320	Advanced Object Oriented Programming	3+1	Saturday, 23rd May 2020 (8:00 – 10:40)
5.	CS-432	Data Communication	2.5 + 0.5	Saturday,13th June 2020 (10:50 – 1:30)

MCS – IV (15)

#	Course Code	Name of the Subject	Credit Hrs	

1.	EG-112	Technical Business Writing	3+0	Saturday, 23rd May 2020 (8:00 – 10:40)
2.	CS-433	Artificial Intelligence	2.5 + 0.5	Saturday,23rd May 2020 (10:50 – 01:30)
3.	CS-329	Visual Programming	3+1	Saturday,13th June 2020 (10:50 – 1:30)
4.	CS-431	Compiler Construction	2.5 + 0.5	Saturday,13th June 2020 (10:50 – 1:30)