

i	j	08:00—08:50	09:00—09:50	10:00—10:50	11:00—11:50	12:00—12:50	13:20—14:10	14:20—15:10	15:20—16:10	16:20—17:10	18:00—19:20	19:30—20:50
		CS1133 (S1)	HMCS1002 (S1)		CS2143 (S1)	CS2143 (S1)	MTCS3063 (S1)	ACCS3003 (S1)	CS4333 (S1)	CS4333 (S1)	CS5433 (S1)	CS5433 (S1)
Monday	M1	Introduction to Programming	Pakistan Studies		Data Structures	Data Structures	Probability and Statistics	Financial Accounting	Introduction to Data Warehousing	Introduction to Data Warehousing	Advanced Operating Systems	Advanced Operating Systems
	M2	HMCS1002 (S2)	CS1133 (S2)	CS1133 (S2)	HMCS2033 (S3)	HMCS2033 (S3)	MTCS3063 (S3)	CS3273 (S1)	CS3833 (S1)	CS3833 (S1)		
		Pakistan Studies	Introduction to Programming	Introduction to Programming	Technical Report Writing	Technical Report Writing	Probability and Statistics	Human Computer Interaction	Theory of Programming Languages	Theory of Programming Languages		
	M3	CS1133 (S3)	HMCS1013 (S3)	HMCS1013 (S3)	MTCS3063 (S2)	CS2143 (S2)	CS4813 (S2)	CS4813 (S2)	CS2523 (S3)	CS2523 (S3)		
		Intorduction to Programming	English-I	English-I	Probability and Statistics	Data Structures	Artificial Intelligence	Artificial Intelligence	Computer Organization & Assembly Language	Computer Organization & Assembly Language		
	M4	CS1143 (S1)	HMCS1012 (S1)		MTCS1053 (S2)	CS4813 (S3)	CS3213 (S1)	CS2523 (S2)	CS2523 (S1)	CS2523 (S1)		
		Object Oriented Programming	Islamic Studies/Ethics		Multi-variate Calculus	Artificial Intelligence	Object Oriented Analysis and Design	Computer Organization & Assembly Language	Computer Organization & Assembly Language	Computer Organization & Assembly Language		
	M5	HMCS1012 (S2)	CS1143 (S2)	CS1143 (S2)	CS3833 (S2)	CS3773 (S2)	CS3773 (S2)	CS3713 (S1)	CS3163 (S2)	CS3163 (S2)		
		Islamic Studies/Ethics	Object Oriented Programming	Object Oriented Programming	Theory of Programming Languages	Computer Comm. and Networks	Computer Comm. and Networks	Introduction to Information Security and Forensics	Design and Analysis of Algorithms	Design and Analysis of Algorithms		
	M6	PHCS1013 (S4)	MTCS1013 (S4)	MTCS1013 (S4)	CS3413 (S1)	CS3413 (S1)	MTCS1053 (S1)	CS3163 (S3)	CS3833 (S3)	CS3833 (S3)		
		Applied Physics	Calculus and Analytical Geometry	Calculus and Analytical Geometry	Operating Systems	Operating Systems	Multi-variate Calculus	Design and Analysis of Algorithms	Theory of Programming Languages	Theory of Programming Languages		
	M9			HMCS2013 (S3)	HMCS2013 (S3)		CS3213 (S3)	ACCS3003 (S3)	ACCS3003 (S2)	ACCS3003 (S2)		
				Professional Ethics and legal Issues	Professional Ethics and legal Issues		Object Oriented Analysis and Design	Financial Accounting	Financial Accounting	Financial Accounting		
	M7			CS4623 (S2)	CS4623 (S2)	CS4623 (S3)		HMCS1033 (S1)	HMCS1033 (S1)	CS4873 (S1)		
				Compiler Construction	Compiler Construction	Compiler Construction		Personal Management and Grooming	Personal Management and Grooming	Malware Analysis		
		CS2141 (S3)	CS2141 (S3)	CS2141 (S3)				CS3771 (S2)	CS3771 (S2)	CS3771 (S2)		
		Data Structures Lab	Data Structures Lab	Data Structures Lab				Computer Comm. And Networks	Computer Comm. And Networks	Computer Comm. And Networks		
					CS2521 (S4)	CS2521 (S4)	CS2521 (S4)	CS2311 (S3)	CS2311 (S3)	CS2311 (S3)		
					Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab	Introduction to Database Systems Lab	Introduction to Database Systems Lab	Introduction to Database Systems Lab		
					CS1141 (S1)	CS1141 (S1)	CS1141 (S1)					
					Object Oriented Programming Lab	Object Oriented Programming Lab	Object Oriented Programming Lab					
		CS2141 (S4)	CS2141 (S4)	CS2141 (S4)								
		Data Structures Lab	Data Structures Lab	Data Structures Lab								
					CS1141 (S3)	CS1141 (S3)	CS1141 (S3)					
					Object Oriented Programming Lab	Object Oriented Programming Lab	Object Oriented Programming Lab					
		CS2511 (S1)	CS2511 (S1)	CS2511 (S1)				CS2511 (S3)	CS2511 (S3)	CS2511 (S3)		
		Digital Logic Design	Digital Logic Design	Digital Logic Design				Digital Logic Design	Digital Logic Design	Digital Logic Design		

Z	H	08:00—08:50	09:00—09:50	10:00—10:50	11:00—11:50	12:00—12:50	13:20—14:10	14:20—15:10	15:20—16:10	16:20—17:10	18:00—19:20	19:30—20:50
		PHCS1013 (S2)	MTCS1013 (S2)	MTCS1013 (S2)	CS2513 (S2)	CS2143 (S3)	CS2143 (S3)	CS3163 (S1)	CS3613 (S3)	CS3613 (S3)	CS5843/AI5843 (S1)	CS5843/AI5843 (S1)
Tuesday	M1	Applied Physics	Calculus and Analytical Geometry	Calculus and Analytical Geometry	Digital Logic Design	Data Structures	Data Structures	Design and Analysis of Algorithms	Theory of Automata & Formal Language	Theory of Automata & Formal Language	Mathematics for Artificial Intelligence	Mathematics for Artificial Intelligence
	M2	HMCS1002 (S3)	PHCS1013 (S3)	PHCS1013 (S3)	CS2223 (S1)	CS2513 (S1)	CS2513 (S1)	CS3613 (S2)	CS3613 (S1)	CS3613 (S1)		
	M3	Pakistan Studies	Applied Physics	Applied Physics	Software Engineering-I	Digital Logic Design	Digital Logic Design	Theory of Automata & Formal Language	Theory of Automata & Formal Language	Theory of Automata & Formal Language		
		HMCS1013 (S1)	HMCS1013 (S1)	PHCS1013 (S1)		CS2223 (S2)	CS2223 (S2)		CS3713 (S2)	CS3713 (S2)		
	M4	English- I	English- I	Applied Physics		Software Engineering-I	Software Engineering-I		Introduction to Information Security and Forensics	Introduction to Information Security and Forensics		
		HMCS1013 (S4)	HMCS1002 (S4)	CS3833 (S1)		HMCS2033 (S1)	HMCS2033 (S1)	CS3713 (S3)	CS3433 (S3)	CS3433 (S3)		
	M5	English-I	Pakistan Studies	Theory of Programming Languages		Technical Report Writing	Technical Report Writing	Introduction to Information Security and Forensics	Parallel and Distributed Computing	Parallel and Distributed Computing		
		CS2053 (S2)	CS2053 (S2)	CS2053 (S1)		HMCS2063 (S1)	HMCS2063 (S1)	HMCS2243 (S1)	HMCS2243 (S2)	HMCS2243 (S2)		
	M6	Discrete Structures	Discrete Structures	Discrete Structures		Introduction to Sociology	Introduction to Sociology	English Literature-I	English Literature-I	English Literature-I		
		HMCS1023 (S1)	HMCS1023 (S1)	HMCS1023 (S2)	HMCS2063 (S2)	HMCS2033 (S2)	HMCS2033 (S2)	HMCS2243 (S3)	CS3433 (S1)	CS3433 (S1)		
	M7	English- II	English- II	English- II	Introduction to Sociology	Technical Report Writing	Technical Report Writing	English Literature-I	Parallel and Distributed Computing	Parallel and Distributed Computing		
		Booked with EE				CS3833 (S3)	CS3433 (S2)	CS4813 (S1)	MGCS4003 (S1)	MGCS4003 (S1)		
	M10					Theory of Programming Languages	Parallel and Distributed Computing	Artificial Intelligence	Entrepreneurship and Innovation	Entrepreneurship and Innovation		
					HMCS2013 (S2)	HMCS2013 (S2)	CS3273 (S2)	CS4623 (S1)	CS3213 (S2)	CS3213 (S2)		
	M9				Professional Ethics and legal Issues	Professional Ethics and legal Issues	Human Computer Interaction	Compiler Construction	Object Oriented Analysis and Design	Object Oriented Analysis and Design		
									MGCS4003 (S3)	MGCS4003 (S3)		
Ins Lab	IV M								Entrepreneurship and Innovation	Entrepreneurship and Innovation		
	III M Blo				CS2521 (S3)	CS2521 (S3)	CS2521 (S3)					
					Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab					
	I	CS2141 (S1)	CS2141 (S1)	CS2141 (S1)	CS1131 (S5)	CS1131 (S5)	CS1131 (S5)					
Ins Lab	IV M	Data Structures Lab	Data Structures Lab	Data Structures Lab	Introduction to Programming Lab	Introduction to Programming Lab	Introduction to Programming Lab					
		CS2311 (S2)	CS2311 (S2)	CS2311 (S2)	CS4811 (S1)	CS4811 (S1)	CS4811 (S1)					
		Introduction to Database Systems Lab	Introduction to Database Systems Lab	Introduction to Database Systems Lab	Artificial Intelligence Lab	Artificial Intelligence Lab	Artificial Intelligence Lab					

Wednesday	08:00—08:50		09:00—09:50		10:00—10:50		11:00—11:50		12:00—12:50		13:20—14:10		14:20—15:10		15:20—16:10		16:20—17:10		18:00—19:20		19:30—20:50	
	M1	MTCS1013 (S1)	PHCS1013 (S1)	PHCS1013 (S1)	CS2143 (S1)	MTCS3063 (S3)	MTCS3063 (S3)	CS4613 (S2)	CS4613 (S2)	CS2523 (S3)	CS5793 (S1)	CS5793 (S1)										
	M2	Calculus and Analytical Geometry	Applied Physics	Applied Physics	Data Structures	Probability and Statistics	Probability and Statistics	Machine Learning	Machine Learning	Computer Organization & Assembly Language	Digital Forensics	Digital Forensics										
		HMCS1002 (S2)	HMCS1013 (S2)		HMCS2033 (S2)	MTCS3063 (S1)	MTCS3063 (S1)	CS2523 (S2)	CS2523 (S2)	CS2523 (S1)	CS5993/AI5993 (S1)	CS5993/AI5993 (S1)										
	M3	Pakistan Studies	English-I		Technical Report Writing	Probability and Statistics	Probability and Statistics	Computer Organization & Assembly Language	Computer Organization & Assembly Language	Computer Organization & Assembly Language	Machine Learning for Data Science	Machine Learning for Data Science										
		MTCS1013 (S3)	CS1133 (S3)	CS1133 (S3)		CS3833 (S2)	CS3833 (S2)	CS3283 (S1)	CS3283 (S1)	CS3283 (S2)												
	M4	Calculus and Analytical Geometry	Intorduction to Programming	Intorduction to Programming		Theory of Programming Languages	Theory of Programming Languages	Graph Algorithms	Graph Algorithms	Graph Algorithms												
		CS1133 (S4)	CS1133 (S4)	MTCS1013 (S4)	CS2143 (S3)	CS2143 (S2)	CS2143 (S2)	CS3283 (S3)	CS3283 (S3)	CS4613 (S3)												
	M5	Introdution to Programming	Introdution to Programming	Calculus and Analytical Geometry	Data Structures	Data Structures	Data Structures	Graph Algorithms	Graph Algorithms	Machine Learning												
		HMCS1012 (S1)	MTCS1033 (S1)	MTCS1033 (S1)	CS3773 (S2)	CS3773 (S1)	CS3773 (S1)	CS3213 (S1)	CS3213 (S1)	CS4613 (S1)												
	M6	Islamic Studies/Ethics	Linear Algebra	Linear Algebra	Computer Comm. and Networks	Computer Comm. and Networks	Computer Comm. and Networks	Object Oriented Analysis and Desien	Object Oriented Analysis and Desien	Machine Learning												
		MTCS1033 (S2)	HMCS1012 (S2)		CS3413 (S1)	CS3413 (S2)	CS3413 (S2)	HMCS2013 (S1)	CS3273 (S1)	CS3273 (S1)												
	M10	Linear Algebra	Islamic Studies/Ethics		Operating Systems	Operating Systems	Operating Systems	Professional Ethics and Legal Issues	Human Computer Interaction	Human Computer Interaction												
		Booked with EE				MGCS4003 (S3)	CS4333 (S3)	CS4333 (S3)														
	M9					Entrepreneurship and Innovation	Introduction to Data Warehousing	Introduction to Data Warehousing														
						CS4333 (S2)	MGCS4003 (S2)	MGCS4003 (S2)	CS3273 (S3)	CS3273 (S3)												
	M7						HMCS1033 (S1)		CS4873 (S1)	CS4873 (S1)												
		PSY					Personal Management and Grooming		Malware Analysis	Malware Analysis												
	Ins Lab I M Bl				CS2521 (S1)	CS2521 (S1)	CS2521 (S1)															
	Ins Lab II M Block				Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab															
		CS2311 (S1)	CS2311 (S1)	CS2311 (S1)	CS2521 (S2)	CS2521 (S2)	CS2521 (S2)	CS3771 (S1)	CS3771 (S1)	CS3771 (S1)												
	Ins Lab III M I	Introduction to Database Systems Lab	Introduction to Database Systems Lab	Introduction to Database Systems Lab	Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab	Computer Organization & Assembly Language Lab	Computer Networks Lab	Computer Networks Lab	Computer Networks Lab												
	Ins lab III M I				CS1131 (S4)	CS1131 (S4)	CS1131 (S4)															
					Introduction to Programming Lab	Introduction to Programming Lab	Introduction to Programming Lab															
	Ins Lab IV M Bl	CS2141 (S2)	CS2141 (S2)	CS2141 (S2)	CS4811 (S2)	CS4811 (S2)	CS4811 (S2)	CS3411 (S2)	CS3411 (S2)	CS3411 (S2)												
	Ins Lab VI	Data Structures Lab	Data Structures Lab	Data Structures Lab	Artificial Intelligence Lab	Artificial Intelligence Lab	Artificial Intelligence Lab	Operating Systems Lab	Operating Systems Lab	Operating Systems Lab												
					CS1141 (S2)	CS1141 (S2)	CS1141 (S2)															
					Object Oriented Programming Lab	Object Oriented Programming Lab	Object Oriented Programming Lab															

S	Bldg	08:00—08:50	09:00—09:50	10:00—10:50	11:00—11:50	12:00—12:50	13:20—14:10	14:20—15:10	15:20—16:10	16:20—17:10	18:00—19:20	19:30—20:50
		HMCS1013 (S1)	CS1133 (S1)	CS1133 (S1)	CS2313 (S1)	HMCS2033 (S1)	HMCS2063 (S2)	HMCS2063 (S2)	ACCS3003 (S1)	ACCS3003 (S1)	CS5123/AI5833 (S1)	CS5123/AI5833 (S1)
Thursday	M1	English-I	Introduction to Programming	Introduction to Programming	Introduction to Database Systems	Technical Report Writing	Introduction to Sociology	Introduction to Sociology	Financial Accounting	Financial Accounting	Advanced Analysis of Algorithm	Advanced Analysis of Algorithm
	M2	PHCS1013 (S3)	MTCS1013 (S3)	MTCS1013 (S3)	CS2513 (S1)	MTCS1053 (S1)	MTCS1053 (S1)	HMCS2243 (S1)	HMCS2243 (S1)	HMCS2243 (S2)		
	M3	Applied Physics	Calculus and Analytical Geometry	Calculus and Analytical Geometry	Digital Logic Design	Multi-variate Calculus	Multi-variate Calculus	English Literature-I	English Literature-I	English Literature-I		
	M4	CS1133 (S2)	PHCS1013 (S2)	PHCS1013 (S2)	CS2223 (S2)	CS2513 (S2)	CS2513 (S2)	CS3163 (S3)	CS3163 (S3)			
	M5	Introduction to Programming	Applied Physics	Applied Physics	Software Engineering-I	Digital Logic Design	Digital Logic Design	Design and Analysis of Algorithms	Design and Analysis of Algorithms			
	M6	HMCS1013 (S4)	HMCS1013 (S4)	CS1133 (S4)	CS3163 (S1)	CS3163 (S1)		CS3713 (S2)	CS3713 (S1)	CS3713 (S1)		
	M7	English-I	English-I	Introduction to Programming	Design and Analysis of Algorithms	Design and Analysis of Algorithms		Introduction to Information Security and Forensics	Introduction to Information Security and Forensics	Introduction to Information Security and Forensics		
	M8	CS1143 (S2)	HMCS1023 (S2)	HMCS1023 (S2)	HMCS2063 (S1)	CS2313 (S2)	CS2313 (S2)	HMCS2243 (S3)	HMCS2243 (S3)			
	M9	Object Oriented Programming	English-II	English-II	Introduction to Sociology	Introduction to Database Systems	Introduction to Database Systems	English Literature-I	English Literature-I			
	M10	HMCS1023 (S1)	CS1143 (S1)	CS1143 (S1)	CS4623 (S2)	CS2313 (S3)	CS2313 (S3)	CS3433 (S3)	CS4623 (S1)	CS4623 (S1)		
	M11	English-II	Object Oriented Programming	Object Oriented Programming	Compiler Construction	Introduction to Database Systems	Introduction to Database Systems	Parallel and Distributed Computing	Compiler Construction	Compiler Construction		
	M12	Booked with EE			CS4613 (S3)	CS4613 (S3)	CS3433 (S2)	CS3433 (S2)	CS3433 (S1)	CS3163 (S2)		
	M13				Machine Learning	Machine Learning	Parallel and Distributed Computing	Parallel and Distributed Computing	Parallel and Distributed Computing	Design and Analysis of Algorithms		
	M14			BI		CS4333 (S2)	CS4333 (S2)	CS4333 (S3)	CS4623 (S3)	CS4623 (S3)		
	M15					Introduction to Data Warehousing	Introduction to Data Warehousing	Introduction to Data Warehousing	Compiler Construction	Compiler Construction		
	M16								ACCS3003 (S3)	ACCS3003 (S3)		
	M17								Financial Accounting	Financial Accounting		
	M18				CS4813 (S1)	CS4813 (S1)		CS4333 (S1)				
	M19				Artificial Intelligence	Artificial Intelligence		Introduction to Data Warehousing				
	M20	CS3411 (S1)	CS3411 (S1)	CS3411 (S1)	CS1131 (S1)	CS1131 (S1)	CS1131 (S1)					
	M21	Operating Systems Lab	Operating Systems Lab	Operating Systems Lab	Introduction to Programming Lab	Introduction to Programming Lab	Introduction to Programming Lab					
	M22	CS2311 (S4)	CS2311 (S4)	CS2311 (S4)	CS1131 (S3)	CS1131 (S3)	CS1131 (S3)					
	M23	Introduction to Database Systems Lab	Introduction to Database Systems Lab	Introduction to Database Systems Lab	Introduction to Programming Lab	Introduction to Programming Lab	Introduction to Programming Lab					
	M24				CS1131 (S2)	CS1131 (S2)	CS1131 (S2)					
	M25				Introduction to Programming Lab	Introduction to Programming Lab	Introduction to Programming Lab					

i	Day	08:00—08:50	09:00—09:50	10:00—10:50	11:00—11:50	12:00—12:50	13:20—14:10	14:20—15:10	15:20—16:10	16:20—17:10	18:00—19:20	19:30—20:50
		PHCS1013 (S4)	PHCS1013 (S4)	HMCS1002 (S4)	CS2313 (S1)	CS2313 (S1)				CS3613 (S3)	CS6323/AI6813(S1)	CS6323/AI6813(S1)
Friday	M1	Applied Physics	Applied Physics	Pakistan Studies	Introduction to Database Systems	Introduction to Database Systems				Theory of Automata & Formal Language	Web Mining/Information Retrieval	Web Mining/Information Retrieval
	M2	HMCS1013 (S3)	HMCS1002 (S3)	CS3773 (S1)	MTCS3063 (S2)	MTCS3063 (S2)			CS2223 (S1)	CS2223 (S1)	CS5143 (S1)	CS5143 (S1)
		English-I	Pakistan Studies	Computer Comm. and Networks	Probability and Statistics	Probability and Statistics			Software Engineering-I	Software Engineering-I	Internet of Things for Health Care	Internet of Things for Health Care
	M3	MTCS1013 (S2)	HMCS1013 (S2)	HMCS1013 (S2)	HMCS2033 (S3)	CS2313 (S3)		CS3613 (S2)	CS3613 (S2)	CS3613 (S1)		
		Calculus and Analytical Geometry	English-I	English-I	Technical Report Writing	Introduction to Database Systems		Theory of Automata & Formal Language	Theory of Automata & Formal Language	Theory of Automata & Formal Language		
	M4	HMCS1002 (S1)	MTCS1013 (S1)	MTCS1013 (S1)	CS4813 (S3)	CS4813 (S3)		HMCS2013 (S2)	CS4613 (S2)	HMCS2013 (S3)		
		Pakistan Studies	Calculus and Analytical Geometry	Calculus and Analytical Geometry	Artificial Intelligence	Artificial Intelligence		Professional Ethics and legal Issues	Machine Learning	Professional Ethics and legal Issues		
	M5	CS2053 (S2)	MTCS1033 (S2)	MTCS1033 (S2)	MTCS1053 (S2)	MTCS1053 (S2)		CS3283 (S1)				
		Discrete Structures	Linear Algebra	Linear Algebra	Multi-variate Calculus	Multi-variate Calculus		Graph Algorithms				
	M6	MTCS1033 (S1)	CS2053 (S1)	CS2053 (S1)	CS3283 (S2)	CS3283 (S2)		CS3283 (S3)	CS4613 (S1)	CS4613 (S1)		
		Linear Algebra	Discrete Structures	Discrete Structures	Graph Algorithms	Graph Algorithms		Graph Algorithms	Machine Learning	Machine Learning		
	M7			CS3413 (S2)	ACCS3003 (S2)	MGCS4003 (S1)		CS4813 (S2)	HMCS2013 (S1)	HMCS2013 (S1)		
				Operating Systems	Financial Accounting	Entrepreneurship and Innovation		Artificial Intelligence	Professional Ethics and Legal Issues	Professional Ethics and Legal Issues		
	M10		CS3213 (S3)	CS3213 (S3)	CS3273 (S3)	CS3213 (S2)						
			Object Oriented Analysis and Design	Object Oriented Analysis and Design	Human Computer Interaction	Object Oriented Analysis and Design						
	M9			MGCS4003 (S2)	CS3273 (S2)	CS3273 (S2)		CS2313 (S2)				
				Entrepreneurship and Innovation	Human Computer Interaction	Human Computer Interaction		Introduction to Database Systems				
	M8				CS3713 (S3)	CS3713 (S3)						
					Introduction to Information Security and Forensics	Introduction to Information Security and Forensics						
	DLD Lab B Bldg							CS4811 (S3)	CS4811 (S3)	CS4811 (S3)		
	Int. Lab I M Bldg							Artificial Intelligence Lab	Artificial Intelligence Lab	Artificial Intelligence Lab		
								CS2511 (S2)	CS2511 (S2)	CS2511 (S2)		
								Digital Logic Design	Digital Logic Design	Digital Logic Design		