

Day		08:00—09:20	09:30—10:50	11:00—12:20	12:30—13:50	14:00—15:20	15:30—16:50	18:00—19:20	19:30—20:50
Monday	B1	CS1133 (S1)	HMCS1002 (S1)	CS2053 (S4)	CS2053 (S2)	CS3773 (S1)	CS3163 /CSB13163 (S2)	CS5113 (S1)	CS5113 (S1)
		Introduction to Programming	Pakistan Studies	Discrete Structures	Discrete Structures	Computer Communication and Networks	Design and Analysis of Algorithms	Advanced Theory of Computation	Advanced Theory of Computation
	B2	HMCS1002 (S2)	CS1133 (S2)	CS2153 (S3)	CS2153 (S5)	CS3613 (S1)	CS3613 (S2)	BI5753	BI5753
		Pakistan Studies	Introduction to Programming	Advanced Computer Programming	Advanced Computer Programming	Theory of Automata and Formal Languages	Theory of Automata and Formal Languages	Advanced Bioinformatics	Advanced Bioinformatics
	B3	HMCS1013 (S3)	MTCS1013 (S3)	CS2143 /CSBI2143 (S1)	CS2143 /CSBI2143 (S3)	CS2143 /CSBI2143 (S2)	CS4743 (S2)		
		English-I	Calculus and Analytical Geometry	Data Structures	Data Structures	Data Structures	Internet of the Things		
	B4		BI1113 (S1)	HMCS2033 (S3)	CS2053 (S3)	CS4743 (S1)	SE3213 (S1)		
			Cell Biology	Technical Report Writing	Discrete Structures	Internet of the Things	Object Oriented Analysis and Design		
	B5	CSBS1133 (S1)		ACCS2003 (S1)	ACCS2003 (S2)	CS2512 (S1)	CS4873 (S1)		
		Introduction to Programming		Principle of Accounting- I	Principle of Accounting- I	Digital Logic Design	Malware Analysis		
	E3	MTCS1023 (S4)							
		Calculus-II							
	E4			CS4813 (S2)	CS4813 (S1)				
				Artificial Intelligence	Artificial Intelligence				
	E5	CS1143 (S3)	HMCS1023 (S3)	CS3513 (S1)	MTCS2043 (S1)	HMBS2033 (1)	HMBS2033 (2)		
		Object Oriented Programming	English- II	Computer Architecture	Applied Differential Equations	Technical Report Writing	Technical Report Writing		
	E6	HMCS1012 (S2)	CS1143 (S2)	BI1143 (S1)	CS2153 (S1)	CS4873 (S2)	MTCS1033 /MTBI1033 (S6)		
		Islamic Studies	Object Oriented Programming	Introduction to Microbiology	Advanced Computer Programming	Malware Analysis	Linear Algebra		
	F3			BI2423 (S3)		BI3513	MB2323		
				Molecular Genetics		Protein Chemistry	Microbial Ecology		
	F4	HMBS1023 (S1)		CS2153 (S2)	BI3193	ACBS2003 (S1)	SE3823 (S2)		
		English-II		Advanced Computer Programming	Biosystematics and Classification	Accounting-I	Agile Software Development		
	F5	CS1143 (S1)	HMCS1012 (S1)	CS3713 (S1)	CS3713 (S2)	SE3213 (S2)	SE3213 (S3)		
		Object Oriented Programming	Islamic Studies	Introduction to Information Security and Forensics	Introduction to Information Security and Forensics	Object Oriented Analysis and Design	Object Oriented Analysis and Design		
	F6	HMCS1023 (S5)	CS1143 (S4)	CS2053 (S1)	SE3643 (S1)	SE3213 (S4)			
		English- II	Object Oriented Programming	Discrete Structures	Software Architecture	Object Oriented Analysis and Design			
	J3					MTCS1033 /MTBI1033 (S5)			
						Linear Algebra			
J4		CS2153 (S4)			HMBS1012 (S1)				
		Advanced Computer Programming			Islamic Studies/Ethics				
B9		CS2053 (S5)				SE3823 (S1)			
		Discrete Structures				Agile Software Development			
B10		HMCS1023 (S6)				SE4273 (S1)			
		English- II				Software Project Management			
B1	HMBS1002 (S1)		HMCS2053 /HMBI2053 (S1)	HMCS2053 /HMBI2053 (S2)	CS3193 (S1)	CS3193 (S2)	CS6143	CS6143	
	Pakistan Studies		Introduction to Psychology	Introduction to Psychology	Web Application Development	Web Application Development	Ontology Engineering	Ontology Engineering	
B2	CS1133 (S3)	HMCS1002 (S3)	HMCS2063 /HMBI20163 (S2)	HMCS2063 /HMBI20163 (S1)	MGCS1003 /MGBI1003 (S1)	MGCS1003 /MGBI1003 (S2)	BI5193	BI5193	
	Introduction to Programming	Pakistan Studies	Introduction to Sociology	Introduction to Sociology	Introduction to Management	Introduction to Management	Advanced Microbiology and Immunology	Advanced Microbiology and Immunology	
B3	HMCS1013 (S1)	PHCS1013 (S1)	CS4193 /CSBI4193 (S1)	SE3223 (S1)	CS3163 /CSBI13163 (S1)	CS3773 (S2)			
	English-I	Applied Physics	Mobile Application Development	Formal Software Specification	Design and Analysis of Algorithms	Computer Communication and Networks			

Tuesday	B4	PHCS1013 (S2)	HMCS1013 (S2)		SE4313 (S1)	CS3413 (S2)	CS3413 (S1)		
		Applied Physics	English-I		Agent Based Software Engineering	Operating Systems	Operating Systems		
	B5		CS4193 /CSBI4193 (S2)	CS3272/CSBI3272 (S1)	CS3272/CSBI3272 (S2)	CS4553 (S1)	CS4333 (S1)		
			Mobile Application Development	Human Computer Interaction	Human Computer Interaction	Advance Mobile Application Development	Introduction to Data Warehouse		
	B7	MTCS1023 (S3)		HMCS2053 /HMBI2053 (S3)	HMCS2063 /HMBI20163 (S3)				
		Calculus-II		Introduction to Psychology	Introduction to Sociology				
	E5	HMCS1023 (S1)	MTCS1023 (S1)	MTBS1013 (S1)	CS4623 (S1)		SE4293 (S1)		
		English- II	Calculus-II	Calculus I	Compiler Construction		Component Baed Development		
	E6	HMCS1012 (S6)	HMCS1012 (S3)	HMCS2033 (S2)	HMCS2033 (S1)	SE4293 (S2)	BI4453		
		Islamic Studies	Islamic Studies	Technical Report Writing	Technical Report Writing	Component Baed Development	Genetic Engineering		
	F3	BI3813					MTCS3063/MTBI2033 (S5)		
		Introduction to Biotechnology					Probability and Statistics/Statistical Methods in Biology		
	F4	MTCS1023 (S2)	HMCS1023 (S2)			MGCS1003 /MGBI1003 (S3)			
		Calculus-II	English- II			Introduction to Management			
	F2					CS2522 (S5)			
						Computer Organisation & Assembly Lang.			
	B8			BI2423 (S2)					
				Molecular Genetics					
	F5	HMCS1012 (S4)	BI2423 (S1)	CS2053 (S6)	SE3263 (S1)	CS3193 (S3)			
		Islamic Studies	Molecular Genetics	Discrete Structures	Software Requirement Engineering	Web Application Development			
	F6	CS1143 (S5)	CS1143 (S6)	CS2522 (S1)	MTCS3063/MTBI2033 (S1)	HMCS1033 (S1)	CS2522 (S3)		
		Object Oriented Programming	Object Oriented Programming	Computer Organisation & Assembly Lang.	Probability and Statistics/Statistical Methods in Biology	Personal Management and Grooming	Computer Organisation & Assembly Lang.		
	B9	CS2053 (S7)	BI2213 (S2)	MTCS3063/MTBI2033 (S2)	CS2522 (S2)				
		Discrete Structures	Chemistry	Probability and Statistics/Statistical Methods in Biology	Computer Organisation & Assembly Lang.				
	J4				BI2213 (S1)	MTCS3063/MTBI2033 (S3)	HMC3123 (S1)		
					Chemistry	Probability and Statistics/Statistical Methods in Biology	Introduction to Logic(Humanities-II)		
	J3			BI3163	BI3343	MTCS3063/MTBI2033 (S4)	CS2522 (S4)		
				Comparative Anatomy	Public Health and Environment	Probability and Statistics/Statistical Methods in Biology	Computer Organisation & Assembly Lang.		
B10		MTBI1003 (S1)							
		Basic Mathematics							
B1	MTCS1013 (S1)	HMCS1002 (S1)	CS2512 (S1)		SE2223 /SEBI2223 (S3)	SE3213 (S3)			
	Calculus and Analytical Geometry	Pakistan Studies	Digital Logic Design		Software Engineering-I	Object Oriented Analysis and Design			
B2	HMCS1002 (S2)	MTCS1013 (S2)	CS2313 /CSBI2313 (S2)	CS2313 /CSBI2313 (S1)	CS2313 /CSBI2313 (S3)	CS3613 (S2)	BI5623	BI5623	
	Pakistan Studies	Calculus and Analytical Geometry	Introduction to Database Systems	Introduction to Database Systems	Introduction to Database Systems	Theory of Automata and Formal Languages	Advanced Medicinal Plants	Advanced Medicinal Plants	
B3	HMCS1013 (S3)	PHCS1013 (S3)	CS2053 (S1)	SE2223 /SEBI2223 (S1)	CS3773 (S1)	CS3163 /CSBI3163 (S2)			
	English-I	Applied Physics	Discrete Structures	Software Engineering-I	Computer Communication and Networks	Design and Analysis of Algorithms			
B4		CS2053 (S2)	SE2223 /SEBI2223 (S2)	CS2053 (S3)	SE3213 (S2)	SE3213 (S1)	CS5413 (S1)	CS5413 (S1)	
		Discrete Structures	Software Engineering-I	Discrete Structures	Object Oriented Analysis and Design	Object Oriented Analysis and Design	Advanced Computer Architecture	Advanced Computer Architecture	

Wednesday	B5	BI3813 Introduction to Biotechnology	BI1143 (S2) Introduction to Microbiology	CS4883 (S1) Introduction to Data Science	CS4883 (S2) Introduction to Data Science	BI3193 Biosystematics and Classification	SE2223 /SEBI2223 (S4) Software Engineering-I		
	F3					ACBS2003 (S1) Accounting-I			
	F4					CS4873 (S2) Malware Analysis	CS4873 (S1) Malware Analysis		
	F5	MTCS1033 /MTBI1033 (S3) Linear Algebra	HMCS1023 (S3) English- II	HMCS1012 (S2) Islamic Studies	MB2323 Microbial Ecology	SE3633 (S1) Software Testing	SE3633 (S2) Software Testing		
	F6	HMCS1012 (S1) Islamic Studies	MTCS1033 /MTBI1033 (S1) Linear Algebra	CS2053 (S4) Discrete Structures	CS2053 (S5) Discrete Structures	CS3183 (S2) Enterprise Application Development	CS3183 (S1) Enterprise Application Development		
	E5	HMCS1023 (S4) English- II	MTCS1033 /MTBI1033 (S4) Linear Algebra						
	E6	MTCS1033 /MTBI1033 (S2) Linear Algebra	HMCS1012 (S5) Islamic Studies		BI2423 (S3) Molecular Genetics	CS3613 (S1) Theory of Automata and Formal Languages			
	B8			HMBS1013 (S1) English-I	CSBS1133 (S1) Introduction to Programming	HMBS2033 (2) Technical Report Writing			
	B9					SE3213 (S4) Object Oriented Analysis and Design			
	B10		SE3643 (S1) Software Architecture	CS3272/CSBI3272 (S3) Human Computer Interaction	CS3272/CSBI3272 (S4) Human Computer Interaction				
	J2			BI1143 (S1) Introduction to Microbiology					
	J3	HMBS2113 (S2) Major World Religions	HMBS2113 (S1) Major World Religions	BI3513 Protein Chemistry					
	J4		HMCS1023 (S6) English- II	ACCS2003 (S1) Principle of Accounting- I	ACCS2003 (S2) Principle of Accounting- I	SE2223 /SEBI2223 (S5) Software Engineering-I			
	B1	PHCS1013 (S1) Applied Physics	CS1133 (S1) Introduction to Programming	HMCS2053 /HMBI2053 (S1) Introduction to Psychology	HMCS2053 /HMBI2053 (S2) Introduction to Psychology	CS3163 /CSBI3163 (S1) Design and Analysis of Algorithms	CS3773 (S2) Computer Communication and Networks	BI5423 Advanced Medical Genetics	BI5423 Advanced Medical Genetics
	B2	HMCS1002 (S3) Pakistan Studies	MTCS1013 (S3) Calculus and Analytical Geometry	HMCS2063 /HMBI20163 (S2) Introduction to Sociology	HMCS2063 /HMBI20163 (S1) Introduction to Sociology	CS3413 (S2) Operating Systems	CS3413 (S1) Operating Systems	CS6723 Mobile and Wireless Networks	CS6723 Mobile and Wireless Networks
	B3		HMBS1002 (S1) Pakistan Studies		SE4313 (S1) Agent Based Software Engineering	SE4273 (S1) Software Project Management	HMC3123 (S1) Introduction to Logic(Humanities-II)	CS6323 Web Mining	CS6323 Web Mining
	B4	CS1133 (S2) Introduction to Programming	PHCS1013 (S2) Applied Physics	CS4553 (S1) Advance Mobile Application Development	CS4333 (S1) Introduction to Data Warehouse	MGCS1003 /MGBI1003 (S3) Introduction to Management			
	B5			CS2522 (S1) Computer Organisation & Assembly Lang.	CS2522 (S2) Computer Organisation & Assembly Lang.	CS4813 (S2) Artificial Intelligence	CS4813 (S1) Artificial Intelligence		
	B10	BI1113 (S1) Cell Biology	MTCS3063/MTBI2033 (S3) Probability and Statistics/Statistical Methods in Biology	HMCS2033 (S2) Technical Report Writing		MGCS1003 /MGBI1003 (S1) Introduction to Management	MGCS1003 /MGBI1003 (S2) Introduction to Management		
	E5	HMCS1012 (S3) Islamic Studies	CS1143 (S3) Object Oriented Programming	BI3163 Comparative Anatomy		BI2213 (S2) Chemistry			

Thursday	E6	HMCS1023 (S5)	BI2423 (S2)	BI2423 (S1)	MTBS1013 (S1)	CS3193 (S1)	CS3193 (S2)		
		English- II	Molecular Genetics	Molecular Genetics	Calculus I	Web Application Development	Web Application Development		
	F4	CS1143 (S2)	HMCS1023 (S2)			CS3713 (S2)	CS3713 (S1)		
		Object Oriented Programming	English- II			Introduction to Information Security and Froensics	Introduction to Information Security and Froensics		
	F5	CS1143 (S4)	HMCS1012 (S4)	MTCS3063/MTBI2033 (S2)		SE3823 (S2)	SE3823 (S1)		
		Object Oriented Programming	Islamic Studies	Probability and Statistics/Statistical Methods in Biology		Agile Software Development	Agile Software Development		
	F6	HMCS1023 (S1)	CS1143 (S1)			CS3193 (S3)	BI3823	BI4453	
		English- II	Object Oriented Programming			Web Application Development	Bioethics and Biosafety	Genetic Engineering	
	J2					MTCS3063/MTBI2033 (S1)			
						Probability and Statistics/Statistical Methods in Biology			
	J3		CS2522 (S5)	SE4293 (S2)	SE4293 (S1)	CS2522 (S3)	CS2522 (S4)		
			Computer Organisation & Assembly Lang.	Component Baed Development	Component Baed Development	Computer Organisation & Assembly Lang.	Computer Organisation & Assembly Lang.		
	J4		BI2213 (S1)	HMCS2053 /HMBI2053 (S3)	HMCS2063 /HMBI20163 (S3)	HMCS1033 (S1)			
			Chemistry	Introduction to Psychology	Introduction to Sociology	Personal Management and Grooming			
	B9			CS3272/CSBI3272 (S1)	CS3272/CSBI3272 (S2)				
				Human Computer Interaction	Human Computer Interaction				
	B8					HMCS2033 (S1)			
						Technical Report Writing			
	B7					SE3263 (S1)			
						Software Requirement Engineering			
E3						SE3223 (S1)			
						Formal Software Specification			
E4						MTCS3063/MTBI2033 (S4)	MTCS3063/MTBI2033 (S5)		
						Probability and Statistics/Statistical Methods in Biology	Probability and Statistics/Statistical Methods in Biology		
B1	CS1133 (S3)	PHCS1013 (S3)	CS2313 /CSBI2313 (S1)		CS3272/CSBI3272 (S3)	CS3272/CSBI3272 (S4)	CS5953	CS5953	
	Intorduction to Programming	Applied Physics	Introduction to Database Systems		Human Computer Interaction	Human Computer Interaction	Applied Cryptography	Applied Cryptography	
B2	HMCS1013 (S1)	MTCS1013 (S1)	CS4623 (S1)		CS4883 (S1)	CS4883 (S2)	CS6613	CS6613	
	English-I	Calculus and Analytical Geometry	Compiler Construction		Introduction to Data Science	Introduction to Data Science	Modeling and Optimization	Modeling and Optimization	
B3	MTCS1013 (S2)	HMCS1013 (S2)	CS2143 /CSBI2143 (S3)			CS3183 (S1)			
	Calculus and Analytical Geometry	English-I	Data Structures			Enterprise Application Development			
B4	HMBS1013 (S1)		CS2053 (S6)		SE2223 /SEBI2223 (S2)	SE2223 /SEBI2223 (S1)			
	English-I		Discrete Structures		Software Engineering-I	Software Engineering-I			
B5	HMBS1023 (S1)	CS2053 (S7)	HMBS2113 (S2)		CS2153 (S1)	CS2153 (S2)			
	English-II	Discrete Structures	Major World Religions		Advanced Computer Programming	Advanced Computer Programming			
B6	CS1143 (S5)	CS1143 (S6)	MTCS1023 (S4)						
	Object Oriented Programming	Object Oriented Programming	Calculus-II						

Friday	B7	MTCS1033 /MTBI1033 (S4)	HMCS1023 (S4)	CS2153 (S3)				
		Linear Algebra	English- II	Advanced Computer Programming				
	E5	HMCS1012 (S6)	MTCS1033 /MTBI1033 (S3)	SE2223 /SEBI2223 (S4)		CS4193 /CSBI4193 (S1)	CS4193 /CSBI4193 (S2)	
		Islamic Studies	Linear Algebra	Software Engineering-I		Mobile Application Development	Mobile Application Development	
	E6	MTCS1023 (S1)	MTCS1033 /MTBI1033 (S1)			CS3183 (S2)	HMBS2033 (1)	
		Calculus-II	Linear Algebra			Enterprise Application Development	Technical Report Writing	
	J1					MTCS1033 /MTBI1033 (S5)	MTCS1033 /MTBI1033 (S6)	
	J2					Linear Algebra	Linear Algebra	
						SE3633 (S1)	HMBS1012 (S1)	
	J3	CS2313 /CSBI2313 (S3)	HMBS2113 (S1)	CS2313 /CSBI2313 (S2)		Software Testing	Islamic Studies/Ethics	
		Introduction to Database Systems	Major World Religions	Introduction to Database Systems		BI1143 (S2)	BI3823	
	J4	CS2143 /CSBI2143 (S2)	CS2143 /CSBI2143 (S1)			Introduction to Mircobiology	Bioethics and Biosafety	
		Data Structures	Data Structures			BI3343	SE3633 (S2)	
	F5		HMCS2033 (S3)			Public Health and Environment	Software Testing	
			Technical Report Writing			CS3513 (S1)	MTCS2043 (S1)	
	F6	MTCS1033 /MTBI1033 (S2)	MTCS1023 (S2)	HMCS1012 (S5)		Computer Architecture	Applied Differential Equations	
		Linear Algebra	Calculus-II	Islamic Studies		CS2153 (S4)	CS2153 (S5)	
	B10		SE2223 /SEBI2223 (S3)			Advanced Computer Programming	Advanced Computer Programming	
			Software Engineering-I			CS4743 (S2)	CS4743 (S1)	
	B9		SE2223 /SEBI2223 (S5)	MTCS1023 (S3)		Internet of the Things	Internet of the Things	
		Software Engineering-I	Calculus-II					
B8		MTBI1003 (S1)						
		Basic Mathematics						