

BS Computer Science

BS Computer Science				
Semester 1	Course Code	Course Title	Credit Hours	Sections
	CSCS1513	Introduction to Computing	3	25
	CSCS1511	Introduction to Computing Lab	1	25
	CSHU2833	Logic Thinking (UCP Elective I)	3	25
	CSHU1823	English Composition & Comprehension	3	25
	CSSS1723	Basic Electronics	3	25
	CSHU1863	Islamic and Religious Studies	3	25
	Semester 2	Course Code	Course Title	Credit Hours
CSCP1013		Programming Fundamentals	3	4
CSCP1011		Programming Fundamentals Lab	1	4
CSCS2523		Digital Logic Design	3	4
CSCS2521		Digital Logic Design Lab	1	4
CSSS1713		Calculus and Analytical Geometry	3	4
CSHU1873		Communication & Presentation Skills	3	4
CSHU1893		Pakistan Studies	3	4
	Course Code	Course Title	Credit Hours	Sections
	CSCP2023	Object Oriented Programming	3	16
	CSCP2021	Object Oriented Programming Lab	1	16

Semester 3	CSCS3543	Computer Org. & Assembly Lang.	3	16
	CSCS3541	Computer Org. & Assembly Lang. Lab	1	16
	CSSS2733	Multivariate Calculus	3	16
	CSAL1213	Discrete Structures	3	16
	Uni-Elective Courses, Select any 1 course from the following:			
	CSMG1923	Financial Accounting	3	10
	CSHU1843	Introduction to Psychology	3	3
CSMG1933	Introduction to Business	3	16	
Semester 4				
	Course Code	Course Title	Credit Hours	Sections
	CSCP2033	Data Structure & Algorithms (DSA-T) – Theory	3	5
	CSCP2031	Data Structure & Algorithms (DSLAB) – Lab	1	5
	CSDB2313	Introduction to Database Systems (DB-T) – Theory	3	5
	CSDB2311	Introduction to Database Systems (DB-LAB) – Lab	1	5
	CSSS2743	Probability and Statistics (PROB)	3	5
	CSSS2753	Linear Algebra (LA)	3	5
	CS- Elective, Select any 1 course from the following:			
	CSST3663	Microcontroller Programming and Interfacing (MPI)	3	2
CSAL4323	3D Computer Graphics (3DCG)	3	1	
CSDS4423	Programming for Big Data (PBD)	3	2	
Course Code	Course Title	Credit Hours	Sections	

Semester 5	CSCS3553	Operating Systems (OS-T) – Theory	3	8
	CSCS3551	Operating Systems (OS-Lab) – Lab	1	8
	CSSE3113	Software Engineering - I (ISD)	3	8
	CSAL3233	Design and Analysis of Algorithm (AA)	3	8
	CSSS2763	Differential Equation (DE)	3	8
	CS- Elective, Select any 1 course from the following:			
	CSSE3143	Web Application Development (WAD)	3	3
	CSCP3063	Mobile Application Development (MAD)	3	3
	CSAL3203	Introduction to Image Processing (IIP)	3	1
	CSST3633	Game Development (GD) – CSST3633	3	2
Semester 6				
	Course Code	Course Title	Credit Hours	Sections
	CSAL3243	Artificial Intelligence (AI-T)	3	4
	CSAL3241	Artificial Intelligence (AI-Lab)	1	4
	CSNC2413	Computer Communications and Networks (CCN-T)	3	4
	CSNC2411	Computer Communications and Networks (CCN-Lab)	1	4
	CSAL3253	Theory of Automata (TOA)	3	4
	CSHU2813	Technical and Business Writing (ENG-3)	3	4
	CS- Elective, Select any 1 course from the following:			
	CSDB3363	Data Analysis Techniques (DAT)	3	2
CSAL3213	Advanced 3D Modeling for Games (ADMG)	3	1	
CSAC3613	Computational Geometry for Designing and Animation (CGDA)	3	1	

Semester 7				
	Course Code	Course Title	Credit Hours	Sections
	CSNC3413	Information Security (ISEC)	3	5
	CSCS4573	Compiler Construction (CC)	3	5
	CSAL4263	Numerical Computing (NM)	3	5
	CSSE4173	Final Year Project 1 (FYP-I)	3	1
	Uni- Elective Select any 1 course from the following:			
	CSMG3943	Organizational Behavior and Culture (OBC)	3	3
	CSMG2913	Technology Entrepreneurship (TENT)	3	2
	CS- Elective Select any 1 courses from the following:			
	CSDB4313	Introduction to Data Science (IDS)	3	3
CSDS4473	Dig Data Analytics (BDA)	3	2	
Semester 8				
	Course Code	Course Title	Credit Hours	Sections
	CSGE4963	Professional Practices(PP)	3	4
	CSSE4183	Final Year Project 2 (FYP-II)	3	1
	CS- Elective Select any 3 courses from the following:			
	CSAL4333	Introduction to Deep Learning (IDL)	3	2
	CSAL4253	Introduction to Natural Language Processing (I-NLP)	3	2
CSAL4243	Introduction to Machine Learning (IML)	3	4	

Fall 2021 Timetable Slots

Semester #	08:00-09:20	09:30-10:50	11:00-12:20	12:30-13:50	14:00-15:20	15:30-16:50	17:00-18:20
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Semester 1	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A17)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A17)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A18)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A18)				
	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A19)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A19)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A20)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A20)				
	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A24)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A24)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A25)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A25)				
	CSCS1513 (Introduction to Computing) (1), ITC-T(A1)	CSSS1723 (Basic Electronics) (1), BE(A1)	CSHU2833 (Logic Thinking) (1), LT(A1)					
	CSSS1723 (Basic Electronics) (1), BE(A2)	CSHU2833 (Logic Thinking) (1), LT(A2)	CSSS1723 (Basic Electronics) (1), BE(A3)					
	CSHU2833 (Logic Thinking) (1), LT(A4)	CSHU2833 (Logic Thinking) (1), LT(A3)	CSSS1723 (Basic Electronics) (1), BE(A4)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A6)				
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A5)	CSCS1513 (Introduction to Computing) (1), ITC-T(A4)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A6)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A8)				
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A7)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A5)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A8)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A10)				
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A9)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A7)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A10)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A12)				
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A11)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A9)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A12)					
	CSCS1513 (Introduction to Computing) (1), ITC-T(A13)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A11)	CSHU2833 (Logic Thinking) (1), LT(A13)					
	CSSS1723 (Basic Electronics) (1), BE(A14)	CSSS1723 (Basic Electronics) (1), BE(A13)	CSCS1513 (Introduction to Computing) (1), ITC-T(A14)					
	CSCS1513 (Introduction to Computing) (1), ITC-T(A15)	CSHU2833 (Logic Thinking) (1), LT(A14)	CSSS1723 (Basic Electronics) (1), BE(A16)					
	CSHU2833 (Logic Thinking) (1), LT(A16)	CSHU2833 (Logic Thinking) (1), LT(A15)	CSSS1723 (Basic Electronics) (1), BE(A16)					
	CSHU2833 (Logic Thinking) (1), LT(A21)	CSCS1513 (Introduction to Computing) (1), ITC-T(A16)						
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A22)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A23)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A21)					
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A23)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A21)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A22)					
		CSHU2833 (Logic Thinking) (1), LT(A22)	CSHU2833 (Logic Thinking) (1), LT(A23)					
	Semester 2	CSCS2523 (Digital Logic and Design) (2), DLD-T(B2)	CSCS2523 (Digital Logic and Design) (2), DLD-T(B3)	CSHU1873 (Communication Skills) (2), ENG-II(B3)	CSCS2523 (Digital Logic and Design) (2), DLD-T(B1)	CSHU1873 (Communication Skills) (2), ENG-II(B1)	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B4)	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B4)

MONDAY

Semester 2

		CESHU1873 (Communication Skills) (2), ENG-II(B2)	CSCP1013 (Programming Fundamentals) (2), PF-T(B4)	CSSS1713 (Calculus and Analytical Geometry) (2), CAL(B4)			
Semester 3	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C1)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C1)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C2)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C2)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C3)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C3)	
	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C4)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C4)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C5)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C5)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C8)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C8)	
			CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C6)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C6)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C7)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C7)	
	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(2)	CSAL1213 (Discrete Structures) (3), DS(C6)	CSAL1213 (Discrete Structures) (3), DS(C8)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C1)	CSSS2733 (Multivariate Calculus) (3), MVC(C1)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C9)	CSSS2733 (Multivariate Calculus) (3), MVC(C9)
	CSCP2023 (Object Oriented Programming) (3), OOP-T(C6)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C5)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C3)	CSSS2733 (Multivariate Calculus) (3), MVC(C4)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C4)	CSSS2733 (Multivariate Calculus) (3), MVC(C10)	CSMG1923 (Financial Accounting) (3), FA(C10)
	CSAL1213 (Discrete Structures) (3), DS(C5)	CSSS2733 (Multivariate Calculus) (3), MVC(C2)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C7)			CSMG1933 (Introduction to Business) (3), ITOB(C11)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C11)
						CSMG1923 (Financial Accounting) (3), FA(C9)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C12)
						CSCP2023 (Object Oriented Programming) (3), OOP-T(C10)	CSSS2733 (Multivariate Calculus) (3), MVC(C13)
						CSSS2733 (Multivariate Calculus) (3), MVC(C11)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C14)
						CSMG1933 (Introduction to Business) (3), ITOB(C12)	CSMG1933 (Introduction to Business) (3), ITOB(C15)
						CSCP2023 (Object Oriented Programming) (3), OOP-T(C13)	CSMG1933 (Introduction to Business) (3), ITOB(C16)
						CSSS2733 (Multivariate Calculus) (3), MVC(C3)	CSMG1933 (Introduction to Business) (3), ITOB(C14)
						CSAL1213 (Discrete Structures) (3), DS(C7)	CSSS2733 (Multivariate Calculus) (3), MVC(C15)
					CSCP2023 (Object Oriented Programming) (3), OOP-T(C8)	CSSS2733 (Multivariate Calculus) (3), MVC(C16)	
Semester 4	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D4)	CSSS2753 (Linear Algebra) (4), LA(D4)	CSSS2743 (Probability and Statistics) (4), PROB(D4)	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D1)	CSDB2313 (Introduction to Database Systems) (4), DB-T(D1)	CSSS2743 (Probability and Statistics) (4), PROB(D1)	
	CSSS2743 (Probability and Statistics) (4), PROB(D5)	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D5)	CSSS2753 (Linear Algebra) (4), LA(D5)	CSSS2743 (Probability and Statistics) (4), PROB(D2)	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D2)	CSDB2313 (Introduction to Database Systems) (4), DB-T(D2)	
				CSDB2313 (Introduction to Database Systems) (4), DB-T(D3)	CSSS2743 (Probability and Statistics) (4), PROB(D3)	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D3)	

Semester 5				CSSS2763 (Differential Equation) (5), DE(E7)	CSCP3063 (Mobile Application Development) (5), MAD(E5)	CSCP3063 (Mobile Application Development) (5), MAD(E6)	CSSS2763 (Differential Equation) (5), DE(E8)
			CSSS2763 (Differential Equation) (5), DE(E5)	CSSS2763 (Differential Equation) (5), DE(E6)	CSAL3203 (Introduction to Image Processing) (5), IIP(E7)	CSST3633 (Game Development) (5), GD(E8)	
				CSCS3553 (Operating Systems) (5), OS-T(E1)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E1)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E1)	
				CSSE3113 (Introduction to Software Engineering) (5), ISD(E2)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E2)	CSCS3553 (Operating Systems) (5), OS-T(E2)	
				CSAL3233 (Design and Analysis of Algorithms) (5), AA(E3)	CSCS3553 (Operating Systems) (5), OS-T(E3)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E3)	
				CSAL3233 (Design and Analysis of Algorithms) (5), AA(E4)	CSCS3553 (Operating Systems) (5), OS-T(E4)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E4)	
Semester 6	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F1)	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F1)	CSAC3613 (Computational Geometry for Designing and Animation) (6), CGDA(F4)	(CSAL3213) (Advanced 3D Modeling for Games) (6), ADMG(F3)	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F2)	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F2)	
				CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F4)	CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F4)	CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F3)	
			CSNC2413 (Computer Communications and Networks) (6), CCN-T(F2)	CSNC2413 (Computer Communications and Networks) (6), CCN-T(F1)	CSAL3253 (Theory of Automata) (6), TOA(F1)		
				CSAL3253 (Theory of Automata) (6), TOA(F2)	CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F3)		
Semester 8	CSAL4243 (Introduction to Machine Learning) (8), IML(H3)	CSAL4243 (Introduction to Machine Learning) (8), IML(H4)					
	CSSE4123 (Software Quality Assurance) (8), SQA(4)	CSSE4123 (Software Quality Assurance) (8), SQA(H3)					
Semester #	08:00-09:20	09:30-10:50	11:00-12:20	12:30-13:50	14:00-15:20	15:30-16:50	17:00-18:20
	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A9)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A9)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A10)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A10)			
	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A11)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A11)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A12)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A12)			
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A1)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A1)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A2)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A2)			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A3)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A3)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A4)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A4)			
	CSCS1513 (Introduction to Computing) (1), ITC-T(A5)	CSSS1723 (Basic Electronics) (1), BE(A5)	CSHU2833 (Logic Thinking) (1), LT(A5)	CSCS1513 (Introduction to Computing) (1), ITC-T(A7)			
	CSSS1723 (Basic Electronics) (1), BE(A6)	CSHU2833 (Logic Thinking) (1), LT(A6)	CSCS1513 (Introduction to Computing) (1), ITC-T(A6)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A14)			

Semester 1	CSCS1513 (Introduction to Computing) (1), ITC-T(A2)	CSHU2833 (Logic Thinking) (1), LT(A7)	CSSS1723 (Basic Electronics) (1), BE(A7)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A16)			
	CSHU2833 (Logic Thinking) (1), LT(A8)	CSCS1513 (Introduction to Computing) (1), ITC-T(A8)	CSSS1723 (Basic Electronics) (1), BE(A8)				
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A3)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A13)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A14)				
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A15)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A15)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A16)				
	CSCS1513 (Introduction to Computing) (1), ITC-T(A17)	CSSS1723 (Basic Electronics) (1), BE(A17)	CSHU2833 (Logic Thinking) (1), LT(A17)				
	CSSS1723 (Basic Electronics) (1), BE(A18)	CSHU2833 (Logic Thinking) (1), LT(A18)	CSCS1513 (Introduction to Computing) (1), ITC-T(A18)				
	CSHU2833 (Logic Thinking) (1), LT(A19)	CSSS1723 (Basic Electronics) (1), BE(A19)	CSCS1513 (Introduction to Computing) (1), ITC-T(A19)				
	CSHU2833 (Logic Thinking) (1), LT(A20)	CSCS1513 (Introduction to Computing) (1), ITC-T(A20)	CSSS1723 (Basic Electronics) (1), BE(A20)				
	CSCS1513 (Introduction to Computing) (1), ITC-T(A21)	CSHU2833 (Logic Thinking) (1), LT(A25)					
	CSSS1723 (Basic Electronics) (1), BE(A22)	CSSS1723 (Basic Electronics) (1), BE(A21)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A25)				
	CSCS1513 (Introduction to Computing) (1), ITC-T(A23)	CSCS1513 (Introduction to Computing) (1), ITC-T(A22)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A24)				
	CSHU2833 (Logic Thinking) (1), LT(A24)	CSSS1723 (Basic Electronics) (1), BE(A23)					
CSHU1863 (Islamic and Religious Studies) (1), IRS(A25)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A24)						
Semester 2	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B1)	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B1)	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B2)	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B2)	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B3)	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B3)	
	CSCP1013 (Programming Fundamentals) (2), PF-T(B2)	CSSS1713 (Calculus and Analytical Geometry) (2), CAL(B2)	CSSS1713 (Calculus and Analytical Geometry) (2), CAL(B3)	CSCP1013 (Programming Fundamentals) (2), PF-T(B1)	CSSS1713 (Calculus and Analytical Geometry) (2), CAL(B1)	CSHU1873 (Communication Skills) (2), ENG-II(B4)	
		CSCP1013 (Programming Fundamentals) (2), PF-T(B3)			CSCS2523 (Digital Logic and Design) (2), DLD-T(B4)		
CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C1)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C1)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C2)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C2)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C3)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C3)		
CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C4)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C4)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C3)	CSAL1213 (Discrete Structures) (3), DS(C4)	CSMG1923 (Financial Accounting) (3), FA(C5)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C9)	CSAL1213 (Discrete Structures) (3), DS(C9)	
CSCP2023 (Object Oriented Programming) (3), OOP-T(C2)	CSAL1213 (Discrete Structures) (3), DS(C2)	CSMG1923 (Financial Accounting) (3), FA(C6)		CSAL1213 (Discrete Structures) (3), DS(C1)	CSAL1213 (Discrete Structures) (3), DS(C10)	CSMG1923 (Financial Accounting) (3), FA(C10)	

TUESDAY

Semester 3	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C6)	CSMG1923 (Financial Accounting) (3), FA(C7)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C5)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C1)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C4)	CSMG1933 (Introduction to Business) (3), ITOB(C11)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C11)
	CSSS2733 (Multivariate Calculus) (3), MVC(C8)	CSSS2733 (Multivariate Calculus) (3), MVC(C6)	CSSS2733 (Multivariate Calculus) (3), MVC(C7)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C13)		CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C12)	CSAL1213 (Discrete Structures) (3), DS(C12)
		CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C8)		CSAL1213 (Discrete Structures) (3), DS(C14)		CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C15)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C16)
					CSMG1923 (Financial Accounting) (3), FA(C9)		
					CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C10)	CSAL1213 (Discrete Structures) (3), DS(C16)	CSAL1213 (Discrete Structures) (3), DS(C15)
				CSAL1213 (Discrete Structures) (3), DS(C3)	CSAL1213 (Discrete Structures) (3), DS(C11)		
				CSMG1923 (Financial Accounting) (3), FA(C8)	CSMG1933 (Introduction to Business) (3), ITOB(C12)		
				CSSS2733 (Multivariate Calculus) (3), MVC(C5)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C14)		
Semester 4	CSSS2753 (Linear Algebra) (4), LA(D2)	CSSS2753 (Linear Algebra) (4), LA(D3)		CSAL4323 (3D Computer Graphics) (4), 3DCGA(D3)	CSSS2753 (Linear Algebra) (4), LA(D1)		
	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D1)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D1)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D2)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D2)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D3)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D3)	
					CSDS4425 (Programming For Big Data) (4), PBD(D4)	CSDS4425 (Programming For Big Data) (4), PBD(D5)	
					CSDB2313 (Introduction to Database Systems) (4), DB-T(D5)	CSDB2313 (Introduction to Database Systems) (4), DB-T(D4)	
Semester 5					CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E4)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E4)	
	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E1)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E1)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E2)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E2)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E3)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E3)	
				CSCS3553 (Operating Systems) (5), OS-T(E5)	CSDB4313 (Introduction to Data Science) (8), IDS(5)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E5)	
				CSAL3233 (Design and Analysis of Algorithms) (5), AA(E6)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E5)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E6)	
				CSSE3113 (Introduction to Software Engineering) (5), ISD(E7)	CSCS3553 (Operating Systems) (5), OS-T(E6)	CSCS3553 (Operating Systems) (5), OS-T(E7)	
			CSCS3553 (Operating Systems) (5), OS-T(E8)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E7)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E8)		

					CSSE3113 (Introduction to Software Engineering) (5), ISD(E8)		
Semester 6			CSNC2411 (Computer Communications and Networks - Lab) (6), CCN-LAB(F1)	CSNC2411 (Computer Communications and Networks - Lab) (6), CCN-LAB(F1)	CSNC2411 (Computer Communications and Networks - Lab) (6), CCN-LAB(F2)	CSNC2411 (Computer Communications and Networks - Lab) (6), CCN-LAB(F2)	CSAL3253 (Theory of Automata) (6), TOA(F4)
			CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F2)		CSNC2413 (Computer Communications and Networks) (6), CCN-T(F3)	CSNC2413 (Computer Communications and Networks) (6), CCN-T(F4)	
				CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F2)	CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F1)	CSAL3253 (Theory of Automata) (6), TOA(F3)	
						CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F1)	
Semester 7		CSCS4573 (Compiler Construction) (7), MPI(D2)	CSCS4573 (Compiler Construction) (7), MPI(D1)	CSNC3413 (Information Security) (ISEC) (7), IS(G1)	CSCS4573 (Compiler Construction) (7), CC(G1)	CSMG2913(Technology Entrepreneurship) (7), TENT(G5)	CSSE4153 (Human Computer Interaction) (7), HCI(G1)
				CSSE4153 (Human Computer Interaction) (7), HCI(G2)	CSNC3413 (Information Security) (ISEC) (7), IS(G2)		CSCS4573 (Compiler Construction) (7), CC(G2)
				CSCS4573 (Compiler Construction) (7), CC(G3)	CSSE4153 (Human Computer Interaction) (7), HCI(G3)		CSNC3413 (Information Security) (ISEC) (7), IS(G3)
					CSMG2913(Technology Entrepreneurship) (7), TENT(G4)		
Semester 8	CSAL4243 (Introduction to Machine Learning) (8), IML(H1)	CSSE4193 (Software Testing) (8), ST(H4)	CSSE4123 (Software Quality Assurance) (8), SQA(H1)	CSSE4123 (Software Quality Assurance) (8), SQA(H2)	CSAL4243 (Introduction to Machine Learning) (8), IML(H2)	CSDB4313 (Introduction to Data Science) (8), IDS(G4)	
	CSSE4123 (Software Quality Assurance) (8), SQA(H4)		CSSE4123 (Software Quality Assurance) (8), SQA(H3)				
	CSSE4193 (Software Testing) (8), ST(H3)						
Semester #	08:00-09:20	09:30-10:50	11:00-12:20	12:30-13:50	14:00-15:20	15:30-16:50	17:00-18:20
	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A13)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A13)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A14)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A14)			
	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A15)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A15)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A16)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A16)			
	CSCS1513 (Introduction to Computing) (1), ITC-T(A1)	CSSS1723 (Basic Electronics) (1), BE(A1)	CSHU2833 (Logic Thinking) (1), LT(A1)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A6)			
	CSSS1723 (Basic Electronics) (1), BE(A2)	CSHU2833 (Logic Thinking) (1), LT(A2)	CSSS1723 (Basic Electronics) (1), BE(A25)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A8)			
	CSHU2833 (Logic Thinking) (1), LT(A4)	CSHU2833 (Logic Thinking) (1), LT(A3)	CSSS1723 (Basic Electronics) (1), BE(A3)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A18)			
	CSCS1513 (Introduction to Computing) (1), ITC-T(A9)	CSCS1513 (Introduction to Computing) (1), ITC-T(A4)	CSSS1723 (Basic Electronics) (1), BE(A4)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A20)			

Semester 1	CSSS1723 (Basic Electronics) (1), BE(A10)	CSSS1723 (Basic Electronics) (1), BE(A9)	CSHU2833 (Logic Thinking) (1), LT(A9)	CSSS1723 (Basic Electronics) (1), BE(A24)		
	CSCS1513 (Introduction to Computing) (1), ITC-T(A11)	CSHU2833 (Logic Thinking) (1), LT(A10)	CSCS1513 (Introduction to Computing) (1), ITC-T(A10)	CSCS1513 (Introduction to Computing) (1), ITC-T(A25)		
	CSHU2833 (Logic Thinking) (1), LT(A12)	CSHU2833 (Logic Thinking) (1), LT(A11)	CSSS1723 (Basic Electronics) (1), BE(A11)			
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A5)	CSCS1513 (Introduction to Computing) (1), ITC-T(A12)	CSSS1723 (Basic Electronics) (1), BE(A12)			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A7)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A5)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A6)			
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A17)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A7)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A8)			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A19)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A17)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A18)			
	CSHU2833 (Logic Thinking) (1), LT(A21)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A19)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A20)			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A22)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A21)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A21)			
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A23)	CSHU2833 (Logic Thinking) (1), LT(A22)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A22)			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A23)	CSHU2833 (Logic Thinking) (1), LT(A23)				
		CSCS1513 (Introduction to Computing) (1), ITC-T(A24)				
Semester 2	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B4)	CSCS2521 (Digital Logic and Design -Lab) (2), DLD-LAB(B4)				
	CSHU1893 (Pakistan Studies) (2), PS(B1)	CSHU1893 (Pakistan Studies) (2), PS(B2)	CSHU1893 (Pakistan Studies) (2), PS(B3)			
Semester 3	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C13)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C13)		CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C13)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C13)	
	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C14)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C14)		CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C14)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C14)	
	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C15)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C15)		CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C15)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C15)	

	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C16)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C16)		CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C16)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), COAL-LAB(C16)		
Semester 4			CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D1)	CSDB2313 (Introduction to Database Systems) (4), DB-T(D1)	CSSS2743 (Probability and Statistics) (4), PROB(D1)		
			CSSS2743 (Probability and Statistics) (4), PROB(D2)	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D2)	CSDB2313 (Introduction to Database Systems) (4), DB-T(D2)		
			CSDB2313 (Introduction to Database Systems) (4), DB-T(D3)	CSSS2743 (Probability and Statistics) (4), PROB(D3)	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D3)		
Semester 5		CSCS3553 (Operating Systems) (5), OS-T(E1)	CSCP3063 (Mobile Application Development) (5), MAD(E6)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E1)	CSCP3063 (Mobile Application Development) (5), MAD(E5)		
		CSSE3113 (Introduction to Software Engineering) (5), ISD(E2)	CSAL3203 (Introduction to Image Processing) (5), IIP(E7)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E2)	CSST3633 (Game Development) (5), GD(E8)		
		CSAL3233 (Design and Analysis of Algorithms) (5), CSAL3233 (Design and Analysis of Algorithms) (5), AA(E3)	CSSS2763 (Differential Equation) (5), DE(E5)	CSCS3553 (Operating Systems) (5), OS-T(E3)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E1)		
		CSAL3233 (Design and Analysis of Algorithms) (5), CSAL3233 (Design and Analysis of Algorithms) (5), AA(E4)		CSCS3553 (Operating Systems) (5), OS-T(E4)	CSCS3553 (Operating Systems) (5), OS-T(E2)		
		CSSS2763 (Differential Equation) (5), DE(E7)		CSSS2763 (Differential Equation) (5), DE(E8)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E3)		
				CSSS2763 (Differential Equation) (5), DE(E6)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E4)		
Semester 6			CSAC3613 (Computational Geometry for Designing and Animation) (6), CGDA(F4)	(CSAL3213) (Advanced 3D Modeling for Games) (6), ADMG(F3)			
			(CSDB3363) (Data Analysis Techniques) (6), DAT(F2)	(CSDB3363) (Data Analysis Techniques) (6), DAT(F1)			
Semester 7	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D4)	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D4)	CSNC3413 (Information Security) (ISEC) (7), IS(G4)	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D4)	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D4)		
			CSCS4573 (Compiler Construction) (7), CC(G5)	CSMG3943 (Organizational Behavior and Culture) (7), OBC(G1)	CSE4153 (Human Computer Interaction) (7), HCI(G4)		
				CSMG3943 (Organizational Behavior and Culture) (7), OBC(G3)	CSNC3413 (Information Security) (ISEC) (7), IS(G5)		
				CSCS4573 (Compiler Construction) (7), CC(G4)	CSMG3943 (Organizational Behavior and Culture) (7), OBC(G2)		
				CSSE4153 (Human Computer Interaction) (7), HCI(G5)			

Semester 8	CSAL4243 (Introduction to Machine Learning) (8), IML(H3)	CSAL4243 (Introduction to Machine Learning) (8), IML(H4)	CSSE4193 (Software Testing) (8), ST(H1)	CSDB4313 (Introduction to Data Science) (8), IDS(G2)	CSDB4313 (Introduction to Data Science) (8), IDS(G1)		
	CSSE4123 (Software Quality Assurance) (8), SQA(H4)	CSSE4123 (Software Quality Assurance) (8), SQA(H3)		CSGE4963 (Professional Practices) (8), PP(H2)	CSDB4313 (Introduction to Data Science) (8), IDS(G3)		
		CSGE4963 (Professional Practices) (8), PP(H1)			CSSE4193 (Software Testing) (8), ST(H2)		
Semester #	08:00-09:20	09:30-10:50	11:00-12:20	12:30-13:50	14:00-15:20	15:30-16:50	17:00-18:20
Semester 1	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A21)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A21)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A22)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A22)			
	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A23)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A23)		CSCS1513 (Introduction to Computing) (1), ITC-T(A7)			
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A1)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A1)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A2)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A2)			
	CSCS1513 (Introduction to Computing) (1), ITC-T(A5)	CSSS1723 (Basic Electronics) (1), BE(A5)	CSHU2833 (Logic Thinking) (1), LT(A5)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A3)			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A3)	CSCS1513 (Introduction to Computing) (1), ITC-T(A3)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A4)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A4)			
	CSSS1723 (Basic Electronics) (1), BE(A6)	CSHU2833 (Logic Thinking) (1), LT(A6)	CSCS1513 (Introduction to Computing) (1), ITC-T(A6)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A10)			
	CSCS1513 (Introduction to Computing) (1), ITC-T(A2)	CSHU2833 (Logic Thinking) (1), LT(A7)	CSSS1723 (Basic Electronics) (1), BE(A7)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A12)			
	CSHU2833 (Logic Thinking) (1), LT(A8)	CSCS1513 (Introduction to Computing) (1), ITC-T(A8)	CSSS1723 (Basic Electronics) (1), BE(A8)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A14)			
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A9)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A9)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A10)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A16)			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A11)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A11)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A12)				
	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A13)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A13)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A14)				
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A15)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A15)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A16)				
	CSCS1513 (Introduction to Computing) (1), ITC-T(A17)	CSSS1723 (Basic Electronics) (1), BE(A17)	CSHU2833 (Logic Thinking) (1), LT(A17)				

	CSSS1723 (Basic Electronics) (1), BE(A18)	CSHU2833 (Logic Thinking) (1), LT(A18)	CSCS1513 (Introduction to Computing) (1), ITC-T(A18)				
	CSHU2833 (Logic Thinking) (1), LT(A19)	CSSS1723 (Basic Electronics) (1), BE(A19)	CSCS1513 (Introduction to Computing) (1), ITC-T(A19)				
	CSHU2833 (Logic Thinking) (1), LT(A20)	CSCS1513 (Introduction to Computing) (1), ITC-T(A20)	CSSS1723 (Basic Electronics) (1), BE(A20)				
			CSCS1513 (Introduction to Computing) (1), ITC-T(A24)	CSSS1723 (Basic Electronics) (1), BE(A24)			
			CSSS1723 (Basic Electronics) (1), BE(A25)	CSCS1513 (Introduction to Computing) (1), ITC-T(A25)			
Semester 2	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B1)	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B1)	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B2)	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B2)	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B3)	CSCP1011 (Programming Fundamentals - Lab) (2), PF-LAB(B3)	
	CSCS2523 (Digital Logic and Design) (2), DLD-T(B2)	CSHU1873 (Communication Skills) (2), ENG-II(B2)	CSHU1873 (Communication Skills) (2), ENG-II(B3)	CSCS2523 (Digital Logic and Design) (2), DLD-T(B1)	CSCP1013 (Programming Fundamentals) (2), PF-T(B4)	CSSS1713 (Calculus and Analytical Geometry) (2), CAL(B4)	
		CSCS2523 (Digital Logic and Design) (2), DLD-T(B3)			CSHU1873 (Communication Skills) (2), ENG-II(B1)		
Semester 3	CSCP2023 (Object Oriented Programming) (3), OOP-T(C2)	CSAL1213 (Discrete Structures) (3), DS(C2)	CSSS2733 (Multivariate Calculus) (3), MVC(C7)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C9)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C9)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C9)	CSSS2733 (Multivariate Calculus) (3), MVC(C9)
		CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C8)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C8)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C8)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C12)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C12)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C11)
	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C5)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C5)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C6)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C6)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C7)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C7)	CSSS2733 (Multivariate Calculus) (3), MVC(C12)
	CSHU1843, Introduction to Psychology (PSY) (3), PSY(C3)	CSHU1843, Introduction to Psychology (PSY) (3), PSY(C1)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C10)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C10)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C11)	CSCS3541 (Computer Organization and Assembly Language - Lab) (3), CAOL-LAB(C11)	
	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C6)		CSMG1923 (Financial Accounting) (3), FA(C4)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C7)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C10)	CSSS2733 (Multivariate Calculus) (3), MVC(C10)	
	CSSS2733 (Multivariate Calculus) (3), MVC(C8)		CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C5)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C12)	CSAL1213 (Discrete Structures) (3), DS(C1)		
				CSSS2733 (Multivariate Calculus) (3), MVC(C11)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C4)		
				CSSS2733 (Multivariate Calculus) (3), MVC(C5)			
				CSCP2023 (Object Oriented Programming) (3), OOP-T(C1)			
				CSAL1213 (Discrete Structures) (3), DS(C4)			
	CSSS2733 (Multivariate Calculus) (3), MVC(C6)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C3)	CSAL1213 (Discrete Structures) (3), DS(C3)				
			CSHU1843, Introduction to Psychology (PSY) (3), PSY(C2)				

Semester 4	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D4)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D4)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D5)	CSCP2031 (Data Structures and Algorithms - Lab) (4), DSA-LAB(D5)	CSDS4425 (Programming For Big Data) (4), PBD(D4)	CSDS4425 (Programming For Big Data) (4), PBD(D5)	
	CSSS2753 (Linear Algebra) (4), LA(D2)	CSSS2753 (Linear Algebra) (4), LA(D3)		CSAL4323 (3D Computer Graphics) (4), 3DCGA(D3)	CSDB2313 (Introduction to Database Systems) (4), DB-T(D5)		
				CSDB2313 (Introduction to Database Systems) (4), DB-T(D4)	CSSS2753 (Linear Algebra) (4), LA(D1)		
Semester 5					CSSE3143 (Web Application Development) (5), WAD(E1)	CSSE3143 (Web Application Development) (5), WAD(E2)	CSSE3143 (Web Application Development) (5), WAD(E3)
					CSSS2763 (Differential Equation) (5), DE(E2)	CSCP3063 (Mobile Application Development) (5), MAD(E4)	
					CSCS3553 (Operating Systems) (5), OS-T(E5)	CSSS2763 (Differential Equation) (5), DE(E3)	CSSS2763 (Differential Equation) (5), DE(E4)
					CSAL3233 (Design and Analysis of Algorithms) (5), AA(E6)	CSSS2763 (Differential Equation) (5), DE(E1)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E5)
					CSSE3113 (Introduction to Software Engineering) (5), ISD(E7)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E5)	CSSE3113 (Introduction to Software Engineering) (5), ISD(E6)
					CSCS3553 (Operating Systems) (5), OS-T(E8)	CSCS3553 (Operating Systems) (5), OS-T(E6)	CSCS3553 (Operating Systems) (5), OS-T(E7)
						CSAL3233 (Design and Analysis of Algorithms) (5), AA(E7)	CSAL3233 (Design and Analysis of Algorithms) (5), AA(E8)
						CSSE3113 (Introduction to Software Engineering) (5), ISD(E8)	
Semester 6	CSNC2411 (Computer Communications and Networks - Lab) (6), CCN-LAB(F3)	CSNC2411 (Computer Communications and Networks - Lab) (6), CCN-LAB(F3)	(CSDB3363) (Data Analysis Techniques) (6), DAT(F2)	(CSDB3363) (Data Analysis Techniques) (6), DAT(F1)	CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F3)	CSAL3253 (Theory of Automata) (6), TOA(F1)	
			CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F4)	CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F4)	CSAL3253 (Theory of Automata) (6), TOA(F2)		
			CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F3)	CSNC2413 (Computer Communications and Networks) (6), CCN-T(F2)	CSNC2413 (Computer Communications and Networks) (6), CCN-T(F1)		
Semester 7		CSCS4573 (Compiler Construction) (7), MPI(D2)	CSCS4573 (Compiler Construction) (7), MPI(D1)		CSNC2411 (Computer Communications and Networks - Lab) (7), CCN-LAB(F4)	CSNC2411 (Computer Communications and Networks - Lab) (7), CCN-LAB(F4)	
					CSNC3413 (Information Security) (ISEC) (7), IS(G1)	CSSE4153 (Human Computer Interaction) (7), HCI(G3)	CSSE4153 (Human Computer Interaction) (7), HCI(G1)
					CSSE4153 (Human Computer Interaction) (7), HCI(G2)	CSCS4573 (Compiler Construction) (7), CC(G1)	CSCS4573 (Compiler Construction) (7), CC(G2)
					CSCS4573 (Compiler Construction) (7), CC(G3)	CSNC3413 (Information Security) (ISEC) (7), IS(G2)	CSNC3413 (Information Security) (ISEC) (7), IS(G3)
					CSMG2913(Technology Entrepreneurship) (7), TENT(G4)	CSMG2913(Technology Entrepreneurship) (7), TENT(G5)	
	CSAL4243 (Introduction to Machine Learning) (8), IML(H1)	CSSE4123 (Software Quality Assurance) (8), SQA(H3)	CSSE4123 (Software Quality Assurance) (8), SQA(H1)	CSSE4123 (Software Quality Assurance) (8), SQA(H2)	CSAL4243 (Introduction to Machine Learning) (8), IML(H2)	CSDB4313 (Introduction to Data Science) (8), IDS(G4)	

	Semester 8	CSSE4123 (Software Quality Assurance) (8), SQA(H4)	CSSE4193 (Software Testing) (8), ST(H4)			CSDB4313 (Introduction to Data Science) (8), IDS(5)		
		CSSE4193 (Software Testing) (8), ST(H3)						
	Semester #	08:00-09:20	09:30-10:50	11:00-12:20	12:30-13:50	14:00-15:20	15:30-16:50	17:00-18:20
Semester 1		CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A4)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A4)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A3)	Juma Break	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A3)		
		CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A5)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A5)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A6)	Juma Break	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A6)		
		CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A1)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A1)	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A2)	Juma Break	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A2)		
		CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A7)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A7)	CSCS1511 (Introduction to Computing - Lab) (1), ITC-LAB(A8)	Juma Break	CSCS1511 (Introduction to Computing - Lab) (1),ITC-LAB(A8)		
		CSCS1513 (Introduction to Computing) (1), ITC-T(A9)	CSSS1723 (Basic Electronics) (1), BE(A9)	CSHU2833 (Logic Thinking) (1), LT(A9)	Juma Break	CSHU1863 (Islamic and Religious Studies) (1), IRS(A18)		
		CSSS1723 (Basic Electronics) (1), BE(A10)	CSHU2833 (Logic Thinking) (1), LT(A10)	CSCS1513 (Introduction to Computing) (1), ITC-T(A10)	Juma Break	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A20)		
		CSCS1513 (Introduction to Computing) (1), ITC-T(A11)	CSHU2833 (Logic Thinking) (1), LT(A11)	CSSS1723 (Basic Electronics) (1), BE(A11)	Juma Break			
		CSHU2833 (Logic Thinking) (1), LT(A12)	CSCS1513 (Introduction to Computing) (1), ITC-T(A12)	CSSS1723 (Basic Electronics) (1), BE(A12)	Juma Break			
		CSCS1513 (Introduction to Computing) (1), ITC-T(A13)	CSSS1723 (Basic Electronics) (1), BE(A13)	CSHU2833 (Logic Thinking) (1), LT(A13)	Juma Break			
		CSSS1723 (Basic Electronics) (1), BE(A14)	CSHU2833 (Logic Thinking) (1), LT(A14)	CSCS1513 (Introduction to Computing) (1), ITC-T(A14)	Juma Break			
		CSCS1513 (Introduction to Computing) (1), ITC-T(A15)	CSHU2833 (Logic Thinking) (1), LT(A15)	CSSS1723 (Basic Electronics) (1), BE(A16)	Juma Break			
		CSHU2833 (Logic Thinking) (1), LT(A16)	CSCS1513 (Introduction to Computing) (1), ITC-T(A16)	CSSS1723 (Basic Electronics) (1), BE(A16)	Juma Break			
		CSHU1823 (English Composition and Comprehension) (1), ENG-I(A17)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A17)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A18)	Juma Break			
		CSHU1863 (Islamic and Religious Studies) (1), IRS(A19)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A19)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A20)	Juma Break			
		CSCS1513 (Introduction to Computing) (1), ITC-T(A21)	CSSS1723 (Basic Electronics) (1), BE(A21)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A23)	Juma Break			
	CSSS1723 (Basic Electronics) (1), BE(A22)	CSCS1513 (Introduction to Computing) (1), ITC-T(A22)	CSHU1863 (Islamic and Religious Studies) (1), IRS(A24)	Juma Break				

	CSCS1513 (Introduction to Computing) (1), ITC-T(A23)	CSSS1723 (Basic Electronics) (1), BE(A23)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A25)	Juma Break			
	CSHU2833 (Logic Thinking) (1), LT(A24)	CSHU1823 (English Composition and Comprehension) (1), ENG-I(A24)		Juma Break			
	CSHU1863 (Islamic and Religious Studies) (1), IRS(A25)	CSHU2833 (Logic Thinking) (1), LT(A25)		Juma Break			
	CSCS1513 (Introduction to Computing) (1), ITC-T(A3)			Juma Break			
Semester 2				Juma Break		CSCS2523 (Digital Logic and Design) (2), DLD-T(B4)	CSHU1873 (Communication Skills) (2), ENG-II(B4)
Semester 3	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C9)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C9)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C10)	Juma Break	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C10)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C11)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C11)
		CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C12)	CSCP2021 (Object Oriented Programming - Lab) (3), OOP-LAB(C12)	Juma Break	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C1)	CSSS2733 (Multivariate Calculus) (3), MVC(C1)	CSAL1213 (Discrete Structures) (3), DS(C10)
			CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C11)	Juma Break	CSSS2733 (Multivariate Calculus) (3), MVC(C4)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C4)	CSAL1213 (Discrete Structures) (3), DS(C12)
			CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C3)	Juma Break	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C9)	CSAL1213 (Discrete Structures) (3), DS(C9)	CSMG1933 (Introduction to Business) (3), ITOB(C13)
		CSSS2733 (Multivariate Calculus) (3), MVC(C2)	CSHU1843, Introduction to Psychology (PSY) (3), PSY(C1)	Juma Break	CSAL1213 (Discrete Structures) (3), DS(C11)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C10)	CSAL1213 (Discrete Structures) (3), DS(C14)
	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(2)	CSHU1843, Introduction to Psychology (PSY) (3), PSY(C3)	CSMG1923 (Financial Accounting) (3), FA(C4)	Juma Break		CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C12)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C15)
	CSCP2023 (Object Oriented Programming) (3), OOP-T(C6)	CSAL1213 (Discrete Structures) (3), DS(C6)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C7)	Juma Break	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C13)	CSAL1213 (Discrete Structures) (3), DS(C13)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C16)
	CSAL1213 (Discrete Structures) (3), DS(C5)	CSCP2023 (Object Oriented Programming) (3), OOP-T(C5)	CSAL1213 (Discrete Structures) (3), DS(C8)	Juma Break	CSMG1933 (Introduction to Business) (3), ITOB(C14)	CSCS3543 (Computer Organization and Assembly Language) (3), COAL-T(C14)	
		CSMG1923 (Financial Accounting) (3), FA(C7)	CSMG1923 (Financial Accounting) (3), FA(C6)	Juma Break	CSAL1213 (Discrete Structures) (3), DS(C15)	CSMG1933 (Introduction to Business) (3), ITOB(C15)	
				Juma Break	CSAL1213 (Discrete Structures) (3), DS(C16)	CSMG1933 (Introduction to Business) (3), ITOB(C16)	
				Juma Break	CSSS2733 (Multivariate Calculus) (3), MVC(C3)	CSMG1923 (Financial Accounting) (3), FA(C8)	
				Juma Break	CSHU1843, Introduction to Psychology (PSY) (3), PSY(C2)		
				Juma Break	CSAL1213 (Discrete Structures) (3), DS(C7)		

				Juma Break	CSCP2023 (Object Oriented Programming) (3), OOP-T(C8)		
				Juma Break	CSMG1923 (Financial Accounting) (3), FA(C5)		
				Juma Break			
				Juma Break			
Semester 4	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D4)	CSSS2753 (Linear Algebra) (4), LA(D4)	CSSS2743 (Probability and Statistics) (4), PROB(D4)	Juma Break			
	CSSS2743 (Probability and Statistics) (4), PROB(D5)	CSCP2033 (Data Structures and Algorithms) (4), DSA-T(D5)	CSSS2753 (Linear Algebra) (4), LA(D5)	Juma Break			
Semester 5	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E5)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E5)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E6)	Juma Break	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E6)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E7)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E7)
				Juma Break	CSSS2763 (Differential Equation) (5), DE(E2)	CSCP3063 (Mobile Application Development) (5), MAD(E4)	CSSS2763 (Differential Equation) (5), DE(E4)
				Juma Break		CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E8)	CSCS3551 (Operating Systems - Lab) (5), OS-LAB(E8)
				Juma Break	CSSE3143 (Web Application Development) (5), WAD(E1)	CSSE3143 (Web Application Development) (5), WAD(E2)	CSSE3143 (Web Application Development) (5), WAD(E3)
				Juma Break		CSSS2763 (Differential Equation) (5), DE(E3)	
				Juma Break		CSSS2763 (Differential Equation) (5), DE(E1)	
Semester 6	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F3)	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F3)	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F4)	Juma Break	CSAL3241 (Artificial Intelligence - Lab) (6), AI-LAB(F4)	CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F2)	CSAL3253 (Theory of Automata) (6), TOA(F4)
				Juma Break	CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F2)	CSAL3243 (Artificial Intelligence) (AI-T) (6), AI-T(F1)	
				Juma Break	CSHU2813 (Technical and Business Writing) (ENG-3) (6), ENG-III(F1)	CSNC2413 (Computer Communications and Networks) (6), CCN-T(F4)	
				Juma Break	CSNC2413 (Computer Communications and Networks) (6), CCN-T(F3)	CSAL3253 (Theory of Automata) (6), TOA(F3)	
Semester 7	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D1)	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D1)	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D2)	Juma Break	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D2)	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D3)	CSDB2311 (Introduction to Database Systems -Lab) (7), DB-LAB(D3)
			CSNC3413 (Information Security) (ISEC) (7), IS(G4)	Juma Break	CSMG3943 (Organizational Behavior and Culture) (7), OBC(G1)	CSMG3943 (Organizational Behavior and Culture) (7), OBC(G2)	
			CSCS4573 (Compiler Construction) (7), CC(G5)	Juma Break	CSMG3943 (Organizational Behavior and Culture) (7), OBC(G3)	CSSE4153 (Human Computer Interaction) (7), HCI(G4)	
				Juma Break	CSCS4573 (Compiler Construction) (7), CC(G4)	CSNC3413 (Information Security) (ISEC) (7), IS(G5)	

Semester 8				Juma Break	CSSE4153 (Human Computer Interaction) (7), HCI(G5)		
		CSGE4963 (Professional Practices) (8), PP(H1)	CSSE4193 (Software Testing) (8), ST(H1)	Juma Break	CSDB4313 (Introduction to Data Science) (8), IDS(G2)	CSDB4313 (Introduction to Data Science) (8), IDS(G1)	
				Juma Break	CSGE4963 (Professional Practices) (8), PP(H2)	CSDB4313 (Introduction to Data Science) (8), IDS(G3)	
				Juma Break		CSSE4193 (Software Testing) (8), ST(H2)	