# **Department of Computer Science**

## BS Computer Science Session Fall 2018 - 2022





### Semester-1st

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
1	CS 102 (N)	Introduction to Information Communication Technology	75	3.30	2	6.60
2	CS 102 (N)	Introduction to Information Communication Technology (Lab)	82	3.70	1	3.70
3	CS 103	Programming Fundamentals	73	3.00	3	9.00
4	CS 103	Programming Fundamentals (Lab)	75	3.30	1	3.30
5	ENG 100	English I (Functional English)	72	3.00	3	9.00
6	ISL 101	Islamic Studies	81	3.70	2	7.40
7	Life-1	Life and Learning I	74	3.00	1	3.00
8	MT 104	Calculus & Analytical Geometry	80	3.70	3	11.10
9	PHY 105	Applied Physics	76	3.30	3	9.90
		GPA: 3.32	688/900		19	63.00

### Semester-2nd

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
1	BS201	Pakistan Studies (Compulsory)	76	3.30	2	6.60
2	CS 202	Object Oriented Programming	65	2.70	3	8.10
3	CS 202	Object Oriented Programming (Lab)	61	2.30	1	2.30
4	EMBA-105	Fundamentals of Economics	85	4.00	3	12.00
5	ENG 200	English II	70	3.00	3	9.00
6	MT203	Linear Algebra	72	3.00	3	9.00
7	UE403	Human Resource Management	70	3.00	3	9.00
		GPA: 3.11	499/700		18	56.00

### Semester-3rd

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
1	CS105	Discrete Structures	88	4.00	3	12.00
2	CS301	Data Structure and Algorithms	70	3.00	2	6.00
3	CS301	Data Structure and Algorithms (Lab)	85	4.00	1	4.00
4	ENG300	English-III (Technical Writing and Presentation Skills) (Compulsory)	67	2.70	3	8.10
5	MT303	Probability and Statistics	80	3.70	3	11.10
6	UE305	Financial Accounting	75	3.30	3	9.90
	GPA: 3.41		465/600		15	51.10

### Semester-4th

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
1	CS 400	Computer Organization & Assembly Language	85	4.00	3	12.00
2	CS 400	Computer Organization & Assembly Language (Lab)	84	3.70	1	3.70
3	CS503	Design and Analysis of Algorithm	72	3.00	3	9.00
4	IT302	Digital Logic and Design	78	3.30	3	9.90
5	IT302	Digital Logic and Design (Lab)	81	3.70	1	3.70
6	MATH-401	Differential Equations	82	3.70	3	11.10
7	UE 404	Introduction to Communication Studies	78	3.30	3	9.90
		GPA: 3.49	560/700		17	59.30

### Semester-5th

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
1	CS 505	Visual Programming	75	3.30	3	9.90
2	CS 506	Computer Networks	82	3.70	3	11.10
3	CS 506	Computer Networks (Lab)	86	4.00	1	4.00
4	CS500	Operating Systems (Lab)	81	3.70	1	3.70
5	CS500	Operating Systems	70	3.00	3	9.00
6	CS501	Database Systems (Lab)	82	3.70	1	3.70
7	CS501	Database Systems	77	3,30	3	9,90
8	CS605	Introduction to Software Engineering	80	3.70	3	11.10

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
		GPA: 3.47	633/800		18	62.40

### Semester-6th

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
1	BEHS302	Life and learning -II	75	3.30	3	9.90
2	COMP312	Parallel & Distributed Computing	63	2.30	3	6.90
3	COMP313	Theory of Automata	63	2.30	3	6.90
4	COMP314	Object Oriented Analysis and Design	70	3.00	3	9.00
5	COMP315	Machine Learning	70	3.00	3	9.00
6	ITEC311	Web Technologies	72	3.00	3	9.00
	GPA: 2.82 413/600			18	50.70	

### Semester-7th

Sr#	Course Code	Course Name	Marks Obtained	Grade Point	Credit Hours	Total Grade Point
1	COMP401	Mobile Application Development	81	3.70	3	11.10
2	COMP404	Artificial Intelligence	80	3.70	3	11.10
3	COMP404	Artificial Intelligence (Lab)	86	4.00	1	4.00
4	ITEC401	Information Security	80	3.70	3	11.10
5	MATH403	Numerical Analysis	80	3.70	3	11.10
		GPA: 3.72	407/500		13	48.40

#### Semester-8th

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Sr#	Course Code	Course Name	Mark Obtain		Grade Point	Credit Hours	Total Grade Point
1	COMP410	Professional Practices	77		3.30	3	9.90
2	COMP413	Compiler Construction	75		3.30	3	9.90
3	SENG419	Data Science	75		3.30	3	9.90
	GPA: 3.30			0		9	29.70
	CGPA at the end of 8th Sen				31 (RL/iII)		