



Bahria University

TRANSCRIPT

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS)

Name: **Ghulam Muhammad**
 Father's Name: **Muhammad Abbas**
 Registration No: **5621/BU/BSCS-2019**

Session: **2019-2023**
 Date of Admission: **July, 2019**
 Last Examination held in: **June 2023**

Cr.#	Course Title	GPA	Gr.	Cr.
Semester: I				
BTS-103	CALCULUS AND ANALYTICAL GEOMETRY	3.50	B	3
CS-101	INTRODUCTION TO COMPUTING	3.10	B	4
CS-301	PROGRAMMING FUNDAMENTALS	3.50	B	4
ENG-104	ENGLISH-1 FUNCTIONAL ENGLISH	4.00	A	3
MG-311	PSYCHOLOGY	4.00	A	3
TSS-134	ISLAMIC AND PAKISTAN STUDIES	3.50	B	3
Semester GPA		3.50	B	

Semester: III				
CS-203	DATA STRUCTURE AND ALGORITHMS	2.80	C	4
CS-304	DIGITAL LOGIC DESIGN	3.30	B	3
EG-110	TECHNICAL & REPORT WRITING (ENGLISH-III)	3.40	B	3
EL-207	BASIC ELECTRONICS	4.00	A	3
MATH-501	LINEAR ALGEBRA	3.70	B	3
MG-312	HUMAN RESOURCE MANAGEMENT	3.10	B	3
Semester GPA		3.33	B	

Semester: V				
CS-152	FINANCIAL ACCOUNTING	3.20	B	3
CS-305	THEORY OF AUTOMATA AS FORMAL LANGUAGE	2.10	C	3
CS-307	COMPUTER INTERACTION	4.00	A	3
CS-308	HUMAN COMPUTER INTERACTION	2.70	C	3
CS-309	WEB ENGINEERING	4.00	A	3
CS-402	COMPUTER COMMUNICATION & NETWORKS	3.10	B	3
Semester GPA		3.08	B	

Semester: VII				
CS-308	COMPUTER GRAPHICS	3.10	B	3
CS-409	ARTIFICIAL INTELLIGENCE	2.50	A	3
IT-406	NETWORK SECURITY	3.50	B	3
MG-202	FINANCIAL MANAGEMENT	2.20	C	3
Semester GPA		2.58	C	

Cr.#	Course Title	GPA	Gr.	Cr.
Semester: II				
CS-102	DISCRETE STRUCTURE	3.10	B	3
CS-104	OBJECT ORIENTED PROGRAMMING	3.30	B	4
ENG-204	ENGLISH-II (COMMUNICATION SKILLS)	3.10	B	3
MT-108	PROBABILITY AND STATISTICS	3.30	B	3
SS-212	ECONOMICS	3.10	B	3
ST-106	MULTIVARIABLE CALCULUS	2.50	C	3
Semester GPA		3.32	B	

Semester: IV				
BS-212	MARKETING	2.80	C	3
CS-206	INTRODUCTION TO SOFTWARE ENGINEERING	3.90	B	3
CS-208	COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE	2.50	C	3
CS-401	OPERATION SYSTEM	3.40	B	3
CS-403	INTRODUCTION TO DATABASE SYSTEMS	2.70	C	3
ST-210	DIFFERENTIAL EQUATIONS	4.00	A	3
Semester GPA		3.22	B	

Semester: VI				
CS-302	VISUAL PROGRAMMING (LAB)	3.00	B	3
CS-302	COMPILER CONSTRUCTION	4.00	A	3
CS-304	DESIGN & ANALYSIS OF ALGORITHM	3.00	B	3
CS-305	NUMERICAL COMPUTATION	4.00	A	3
CS-308	WIRELESS NETWORK	2.70	C	3
CS-310	ADVANCE JAVA	3.60	B	3
Semester GPA		3.30	B	

Semester: VIII				
CS-402	PROFESSIONAL PRACTICE	3.70	B	3
CS-406	IT PROJECT	3.30	B	6
CS-309	WEB ENGINEERING-II	3.50	B	3
Semester GPA		3.20	B	

CGPA	3.42/4.00	Grade: B
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Prepared by:

Checked by:

Date: August 16, 2023

Controller of Examinations

25 JUL 2025



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Checked by Shabbir Ahmad
Private Secretary

ASIF IQBAL
Attestation Officer
10 JUL 2025
Higher Education Commission
Government of Pakistan
Islamabad