SHAHEED BENAZIR BHUTTO

DEWAN UNIVERSITY

BSCS

FACULTY OF INFORMATION TECHNOLOGY



FACULTY OF INFORMATION TECHNOLOGY

Introduction

SBB Dewan University offers a comprehensive BS Computer Science program aligned with the HEC Revised Guidelines 2025. The program combines strong foundations in programming and computing with AI, cybersecurity, cloud computing, and emerging technologies, while emphasizing practical skills, industry certifications, and research to prepare graduates for diverse careers in the digital economy.

Vision

To be recognized internationally as a leading institution for computing education, innovation, and research.

MISSION

To provide quality computing education that combines theoretical foundations with hands-on experience, fostering problem-solving skills, ethical practices, and lifelong learning.

WHY CHOOSE BSCS AT SBB DEWAN UNIVERSITY?

- HEC-Approved Curriculum
- Industry-Relevant Skills
- Experienced Faculty

Admission Eligibility Criteria

- Minimum 50% marks in Intermediate (FSc Pre-Engineering / Pre-Medical / ICS / General Science) / A-Llevels / DAE (relevant field).
- Entry test (NTS / GAT-General or university test) required for A-Llevels students.
- Admission based on merit and HEC criteria.

FEE STRUCTURE 2026-27		
i.	Admission fee	Rs. 15,000 (one time)
iii.	Enrollment fee	Rs. 10,000 (one time)
iii.	Security Deposit	Rs. 5,000 (one time)
iv.	Tuition fee	Rs. 85,000 (semester fee)
	Total	**Rs. 115,000**
v.	Mathematics 06 Credit Hrs.(For Medical Student)	Rs. 15,000 (one time)
	Total	**Rs. 130,000**

BS COMPUTER SCIENCE (STUDY PLAN)

SEMESTER I

S.N.	COURSE	CREDIT HOURS
1	Quantitative Reasoning-I	3
2	Functional English	3
3	Applications of ICT	3
4	Social Science (any one)	2
5	Programming Fundamentals	4
6	Calculus & Analytical Geometry – IDS I	3

Total Credit Hours = 18

SEMESTER II

S.N.	COURSE	CREDIT HOURS
1	Quantitative Reasoning-II	3
2	Arts & Humanities (any one)	2
3	Pakistan Studies	2
4	Fehm-e-Quran – I	1
5	Object Oriented Programming	4
6	Digital Logic Design	4
7	Linear Algebra – IDS II	3

Total Credit Hours = 19

SEMESTER III

S.N.	COURSE	CREDIT HOURS
1	Expository Writing	3
2	Natural Science (any one)	3
3	Fehm-e-Quran – II	1
4	Data Structures	4
5	Database Systems	4
6	Operating Systems	3

Total Credit Hours = 19

SEMESTER IV

S.N.	COURSE	CREDIT HOURS
1	Civics and Community Engagement	2
2	Ideology & Constitution of Pakistan	2
3	Entrepreneurship	2
4	Islamic Studies / Ethics	2
5	Software Engineering	3
6	Computer Organization & Architecture	3
7	Design & Analysis of Algorithms	3

Total Credit Hours = 17

SEMESTER V

S.N.	COURSE	CREDIT HOURS
1	Computer Networks	3
2	Information Security	3
3	Artificial Intelligence	3
4	Theory of Automata	3
5	Interdisciplinary Course – IDS III	3
6	Interdisciplinary Course – IDS IV	3

Total Credit Hours = 18

SEMESTER VI

S.N.	COURSE	CREDIT HOURS
1	Cloud Computing	3
2	Elective-I (Specialization)	3
3	Elective-II (Specialization)	3
4	Elective-III (Specialization)	3
5	Elective-IV (Specialization)	3

Total Credit Hours = 15

SEMESTER VII

S.N.	COURSE	CREDIT HOURS
1	Elective-V (Specialization)	3
2	Elective-VII (Specialization)	3
3	Elective-VIII (Specialization)	3
4	Elective-VIII (Specialization)	3
5	Professional Certification	3

Total Credit Hours = 15

SEMESTER VIII

S.N.	COURSE	CREDIT HOURS
1	Final Year Project (FYP)	6
2	Field Experience / Internship	3

Total Credit Hours = 9

SCHOLARSHIPS AVAILABLE

Empowering Future Innovators, Problem Solvers, and Technology Leaders



APPLY NOW & BECOME A PART OF SBBDU

CONTACT US

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sbbdewanuniversity.edu.pk

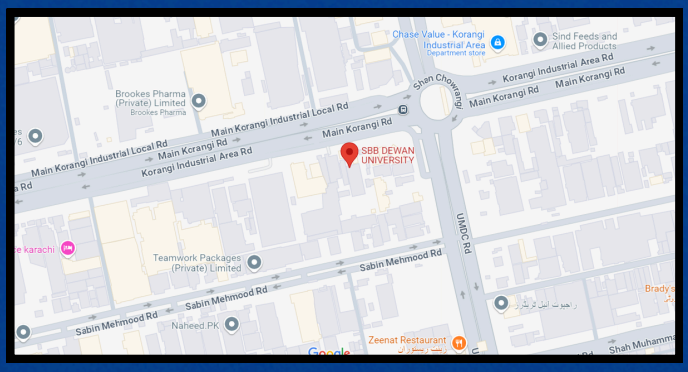
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SBB DEWAN UNIVERSITY

LOCATION



Plot # 30-A/1, Sector 23, Korangi Industrial Area, Karachi 74900 Pakistan