

Introduction to BSCS Program:

The BSCS program at the Grand Asian University, Sialkot is designed to meet the needs of students who wish to pursue a career in computer science. The program provides a rigorous academic experience that prepares students for the challenges of the rapidly evolving field of computing.

The Bachelor of Science in Computer Science (BSCS) program at the Grand Asian University, Sialkot aims to provide students with a comprehensive and in-depth understanding of computer science principles and practices. Through a combination of theoretical knowledge and practical training, students will be equipped with the necessary knowledge and skills to become successful professionals in the field of computing.

The program covers a broad range of topics in computer science, including programming languages, algorithms and data structures, database systems, computer architecture, operating systems, and computer networks. In the core courses, students will learn the fundamental concepts of computer science and gain a solid foundation in these areas. The elective courses allow students to explore various specialized areas of interest, such as artificial intelligence, machine learning, computer graphics, and computer vision, to name a few.

Program Mission:

The mission of the Bachelor of Computer Science program is to provide a high-quality education in computer science that prepares students for professional careers and lifelong learning in developing/managing computational processes and systems.

Eligibility Criteria:

For admission to BSCS, a minimum of 50% marks in Intermediate/12 years schooling/A-Level (HSSC) or Equivalent with Mathematics is required. However, the students who have not studied mathematics at the intermediate level have to pass the deficiency mathematics courses (06 credits) in the first two semesters.

Duration:

The minimum duration for completing BSCS is four years. However, the HEC allows a maximum of seven years to complete the BSCS degree.

Credit Hours:

Minimum credit hours are 134, including 6 credit hours of the capstone project.

Award of Degree:

A minimum 2.0 CGPA (Cumulative Grade Point Average) on a scale of 4.0 is required to be awarded a BSCS Degree.

Areas	Credit Hours	Courses
Computing Core	46	14
Domain Core	18	6
Domain Elective	21	7
Mathematics & Supporting Courses	12	4
Elective Supporting Courses	3	1
General Education Requirement	34	15
Totals	134	47