

<https://shu.edu.pk/FoIT/ph-d-computer-science/>

Doctorate Program

Ph.D. Computer Science

[Faculty of Information Technology](#)

>

[.center-prog { display: none !important; }](#)

[No child Department found for this program.](#)

[Apply Now](#)

Quick Link

[Apply Now](#)

[Scholarships & Financial Assistance](#)

[Faculty of Information Technology](#)

[No child Department found for this program.](#)

Add a header to begin generating the table of contents

Introduction

Computer Science (CS) is one of the emerging fields of science. The PhD CS program offered by Salim Habib University (SHU) has been designed to train and produce graduates with a comprehensive knowledge of the interdisciplinary fields of Computer Science.

The program is designed as per HEC guidelines. According to these guidelines, students have to go through the processes of passing rigorous course work along with high-quality research work published in peer-reviewed journal(s).

The aim of the PhD CS program offered by SHU is to produce quality researchers in the field of computing that can compete in the market and have an impact on society.

Table 1: List of PhD Courses

PhD Courses

Table 1 lists the PhD courses along with their credit hours. PhD students must select any six courses (18 credit hours) from this list, to be completed preferably during the first year of their program

Course Title	Credit Hours
Advanced Artificial Intelligence	3
Recent Trends in Biometrics Identification	3
Selected Topics in Pervasive Computing	3
Advance Topics in Internet of Things	3
Advanced Robotics	3
Selected Topics in Machine Learning	3

Advanced Topics in Computer Vision	3
Applied Natural Language Processing	3
Advanced Topics in Data Science	3
Big Data Analytics	3
Data Visualization	3
Advanced Statistical and Mathematical Methods for Data Science	3
Distributed Systems	3
Advanced Theory of Computation	3
Advanced Web Technologies	3
Advanced Topics in Computer Networks	3
Information Security	3

Note:

1. The offering of seminar and independent study courses is subject to the approval of the departmental Graduate Research Committee (GRC).
2. The list of courses in Table 1 is not exhaustive and may be updated at any time, with the addition or removal of courses subject to the approval of the Board of Studies (BOS). Additionally, the content of PhD courses will not be fixed; it will reflect the instructor's expertise and incorporate the latest trends and state-of-the-art literature relevant to the course.

About Program

► Details

► Details
ast-container