

BS

* Computer
Science



facilitating
Superior Human Beings



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BS

Computer Sciences : is designed to prepare students for the demanding challenges of the modern workplace. The program has 139 credit hours with extensive practice opportunities and comprehensive dissertation. The majority of staff in the department are software and programming engineers from the cyber business set ups, hence the students are given open chances to learn from the competent instructors as well as chances to get jobs in different software houses during their program.

Superior Split Degree

To meet the rapidly changing academic challenges, Superior University is exploring new horizons by joining hands with top universities around the globe and proudly offers split degree programmes at undergraduate, post graduate and Ph.D levels with an intention to give access to students for progression to international education.

Benefits

Guaranteed Better Academic Performance

When you enroll for the Split Degree Programmes you will need to spend half the duration of your degree at Superior and the other half at one of our collaborative partner universities, so ideally your academic standard will be better compared to normal overseas students.

Time & Cost Effectiveness:

Half the fee, half the duration compared to the normal international degree programmes.

Visa Processing Facility:

The Foreign Student Support Desk will facilitate you in processing your visa to any respective country.



Cr. Hrs.	139
Total Courses	42+ Dissertation/ Research Project
Total Semesters	8
Eligibility	Intermediate / Equivalent

Semester 01

Introduction to Computing	3
Programming Fundamentals	4
Calculus and Analytical Geometry	3
Applied Physics	4
Islamiyat/Pakistan Studies	3
Functional English	3

Semester 02

Object Oriented Programming	4
Digital Logic and Design	3
Electronics	4
Multivariable Calculus	3
Communication Skills & Professional Development	Pro- 3
Discrete Structures	3

Semester 03

Data Structures & Algorithms	3
Database Management Systems	3
Computer System Architecture	3
Probability and Statistics	3
Differential Equations	3
Technical Business Writing	3

Semester 04

ADBMS	3
Computer Organization and Assembly Language	As- 4
Linear Algebra	3
Principles of Marketing	3
Software Engineering 1	3
CS Elective 1	4

Semester 05

Analysis of Algorithms	3
Software Engineering II	3
Operating System Concepts	3
Data Communication & Networks	3
Humanity and SS Elective I	3

Semester 06

Financial Accounting	3
Computer Networks	3
Math Elective I	3
CS Elective II	4
Humanity and SS Elective I	3

Semester 07

Theory of Automata	3
Principles of Psychology	3
Computer Graphics	3
System Programming	3
Humanity and SS Elective III	3

Semester 08

Compiler Construction	3
Artificial Intelligence	3
Professional Practices	3
Dissertation/Research Project	6