



SUPERIOR
UNIVERSITY



ADP Computer Science

ASSOCIATE DEGREE PROGRAM



RANKED NO. 1 IN
QUALITY OF EDUCATION
IN PAKISTAN

WORLD RANK IN
QUALITY OF EDUCATION
101-200

OVERALL RANK IN
WORLD'S TOP
401-600

AMONG THE
TOP 10
UNIVERSITIES OF
PAKISTAN

3U1M[®]

3 Years in University and 1 year in Market

3U1M is our unique and distinctive framework which is focused on enabling and empowering the youth to create social and economic impact. This research-informed experiential learning program has been designed to ensure student success by teaching not only theories but their practical implications to equip our students with the skills of 21st-century graduates. This employability ensured program is a milestone in our mission for developing an economically Superior Pakistan.

Year 2 - Exploration PBL 2

In year 2 students explore the emerging concepts of the relevant industry and gain experiential learning through Project based learning Level 2.

Freshman Program

A rigorous on-boarding program for a smooth transition to university education through IQ & EQ Accelerators preparing students for entering university life.

1M-Market Intensive Year

For the final Market Intensive Year "1M" (one year in the market), we have designed four indigenous career streams i.e., Design Challenge, Startup, Scaleup & Superior Go Global so our students may choose any track according to their aptitude.

Career Pathways

Startup: to become a successful entrepreneur by getting incubated at our **Innovation District 92 (ID-92)**



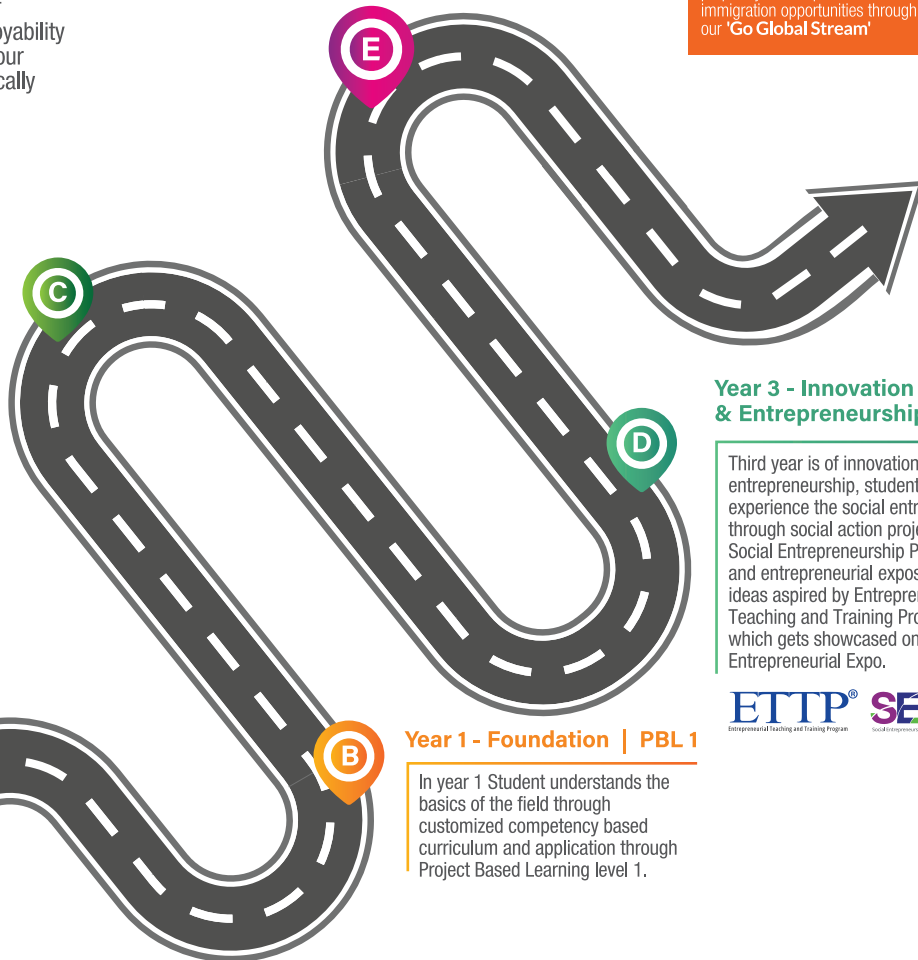
Scaleup: to uplift your family business by getting trained at our accelerator "ScaleupPk"



Design Challenge: to become a valuable resource for corporate world by solving a real-time industry problem following **Design Thinking** approach



Superior Go Global: to prepare you to explore career and immigration opportunities through our 'Go Global Stream'



Year 3 - Innovation & Entrepreneurship | PBL 3

Third year is of innovation and entrepreneurship, students will experience the social entrepreneurship through social action projects under Social Entrepreneurship Program (SEP) and entrepreneurial exposition of new ideas aspired by Entrepreneurship Teaching and Training Program (ETTP) which gets showcased on Superior Entrepreneurial Expo.



Year 1 - Foundation | PBL 1

In year 1 Student understands the basics of the field through customized competency based curriculum and application through Project Based Learning level 1.

ADP

Computer Science

The Computer Science Associate Degree Program is designed to provide students with the foundational knowledge and required skillset to pursue careers in the software development sector. With an adequate grip on the more well-known programming languages, the graduates can land jobs in the rapidly growing tech sector in the country.

Course Duration	2 Years
Semesters	4
Total Credit Hours	72

Eligibility

Intermediate or Equivalent.
with minimum 50% marks

Semester 1

Programming Fundamentals	4
Introduction to Information & Communication Technologies	4
English Composition & Comprehension	3
Calculus & Analytical Geometry	3
Pakistan Studies	2
Islamic Studies	2

Semester 3

Data Structure and Algorithms	4
Probability & Statistics	3
Mobile App/Game Development	3
Software Engineering	3
Digital Marketing	3
Technopreneurship	3

Semester 2

Object Oriented Programming	4
Technical & Business Writing	3
Database Systems	4
Web Application Development	3
Digital Logic Design	4

Semester 4

Advanced Computer Programming	4
Computer Organization & Assembly Language	4
Active Citizenship Program	3
Freelancing	3
Final Project & Viva	3



3U1M[®] WITH GLOBAL EXPERIENCE

CAREER SCOPE

- Kickstart your career as a Game Developer
- Acquire employment as a Software Developer
- Land jobs as a Quality Assurance Engineer
- Global exposure for higher education, internship, job or immigration through 3U1M Stream 'Superior Go Global'

DISTINCTIVE FEATURES

- Skill-based learning
- 100 percent employability
- Market-oriented roadmaps

To apply online, please visit
admissions.superior.edu.pk
042-111-00-00-78



University Campus, Lahore

17-KM, Main Raiwind Road, Lahore.
Ph: 042-38103777

Sargodha Campus

10-KM, Lahore Road, Sargodha.
Ph: 048-211-00-00

Faisalabad Campus

13-KM Satiana Road, Near Khanuana
Bypass, Faisalabad. Ph: 041-8792007-8

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