

# Scheme of Study for Associate Degree of Sciences in Computer Science ADS(CS)

for the Affiliated Colleges of BZU

2-Year program (4 Regular Semesters)

## Semester – I: (15 Credit Hours)

#	Course Code	Category	Course Title	Credit Hours	Prerequisites
1	EWRT 101	Gen-Edu	Expository Writing	3	
2	NSCI 103	Comp-Supp	General Science	3	
3	SSCI 105	Univ-Elec	Social Science – I	3	
4	QREA 107	Comp-Core	Exploring Quantitative Skills	3	
5	AHUM 109	Univ-Elec	Literary Classics	3	

## Semester – II: (15 Credit Hours)

#	Course Code	Category	Course Title	Credit Hours	Prerequisites
1	EWRT 102	Gen-Edu	Cross Cultural Communication and Translation Skills	3	
2	NSCI 104	Univ-Elec	Science of Global Challenges	3	
3	SSCI 106	Univ-Elec	Social Science – II	3	
4	QREA 108	Comp-Supp	Tools for Quantitative Reasoning	3	
5	AHUM 110	Univ-Elec	History and Civilization	3	

## Semester – III: (15 Credit Hours)

#	Course Code	Category	Course Title	Credit Hours	Prerequisites
1	EWRT 201	Gen-Edu	Critical Reasoning and Academic Writing	3	
2	PAKS 203	Gen-Edu	Pakistan Studies	3	
3	ISLS 205 ETHC 207	Gen-Edu	Islamic Studies or Ethics (Only for Non-Muslims)	3	
4	CS-209	Comp-Core	Programming Fundamentals	3	
5	CS-211	Gen-Edu	Introduction to ICT	3	
	MZ-111		Zero Mathematics (Part I)**	3	

## Semester – IV: (15 Credit Hours)

#	Course Code	Category	Course Title	Credit Hours	Prerequisites
1	CS-202	Comp-Core	Object Oriented Programming	3	Programming Fundamentals
2	CS-204	Comp-Core	Database Systems	3	
3	CS-206	Comp-Core	Operating Systems	3	
4	CS-208	Comp-Core	Visual Programming	3	
5	MT-210	Comp-Supp	Web Engineering	3	
	MZ-112		Zero Mathematics (Part II)**	3	

\*: Non-credit "Zero Mathematics" course is introduced in compliance with NCEAC policy for Pre-Medical students. It is mandatory for pre-medical students to pass non-credit "Zero Mathematics" (Part-I and Part-II) courses.

Nazra Quran (Non-credit course, Total of 1 Credit Hour equals to 15 Hours of teaching in each semester will be offered during the whole course as per Policy of the Government of Punjab and notified vide letter No. GS(Univ-1)-1/2020-435).