

Course Offering  
Semester: Fall 2024

**Program: ADP (Computer Science)**

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Remarks
1.	ACSG1113	Functional English	General	1	Nil	Nil	1	
2.	ACSG1513	Calculus and Analytical Geometry	General	1	Nil	Nil	1	
3.	ACSG1313	Applied Physics	General	1	Nil	Nil	1	
4.	ACSG1022	Ideology & Constitution of Pakistan	General	1	Nil	Nil	1	
5.	ACS1133	Introduction to Programming	Core	1	Nil	Nil	1	
6.	ACS1131	Introduction to Programming Lab	Core	1	Nil	Nil	1	
7.	ACSG1612	Applications of Information & Communication Technologies	General	1	Nil	Nil	1	
8.	ACSG1611	Applications of Information & Communication Technologies Lab	General	1	Nil	Nil	1	
9.	ACS1143	Object Oriented Programming	Core	1	ACS1133	Nil	2	
10.	ACS1141	Object Oriented Programming Lab	Core	1	ACS1131	Nil	2	
11.	ACSG1123	Expository Writing	General	1	ACSG1113	Nil	2	
12.	ACSG1412	Sociology	General	1	Nil	Nil	2	
13.	ACSG1573	Discrete Structures	General	1	ACS1133	Nil	2	
14.	ACS1033	Linear Algebra	Core	1	ACSG1513	Nil	2	
15.	ACSG1012	Islamic Studies/Ethics	General	1	Nil	Nil	2	
16.	ACS2143	Data Structures	Core	1	Nil	Nil	3	
17.	ACS2141	Data Structures Lab	Core	2	Nil	Nil	3	
18.	ACSG2212	Personal Grooming	General	1	Nil	Nil	3	

19.	ACS2313	Introduction to Database Systems	Core	1	ACS1143	Nil	3	
20.	ACS2311	Introduction to Database System Lab	Core	2	ACS1141	Nil	3	
21.	ACSG1612	Applications of Information & Communication Technologies	General	1	Nil	Nil	3	
22.	ACSG1611	Applications of Information & Communication Technologies Lab	General	2	Nil	Nil	3	
23.	ACS2243	Computer Networks	Core	1	Nil	Nil	3	For Semester 3
24.	ACSG2712	Entrepreneurship	General	1	Nil	Nil	3	
25.	ACS2223	Software Engineering	Core	2	Nil	Nil	4	
26.	ACS2233	Operating Systems	Core	2	ACS2143	Nil	4	
27.	ACS2243	Computer Networks	Core	2	ACS2143	Nil	4	
28.	ACS2423	Enterprise Application Development	Elective	2	Nil	Nil	4	
29.	ACS2411	Enterprise Application Development Lab	Elective	2	Nil	Nil	4	
30.	ACS2433	Mobile Application Development Lab	Elective	2	Nil	Nil	4	
31.	ACS2431	Mobile Application Development Lab	Elective	2	Nil	Nil	4	
32.	PY4000	Internship	Core	1	Nil	Nil		