

Proposed Roadmap of ADP Information Technology Management (F2023 - S2025)				
Semester 1				
Sr. No.	Course Code	Course Title	Credit Hours	Course Type
1	EN114	English Grammar and Composition -I	3	General Education Compulsory
2	IS135	Computer Applications (Theory & Lab)	3	General Education Compulsory
3	ISL112	Islamic Thought and Perspectives	3	General Education Compulsory
4	MA107	Calculus and Analytical Geometry	3	General Education Compulsory
5	EC213	Fundamentals of Economics	3	Foundation Course
6	MG201	Introduction to Business	3	Foundation Course
Semester Credit Hours			18	
Semester 2				
7	EN221	English Grammar and Composition II	3	General Education Compulsory
8	POL121	Pakistan: Ideology, Constitution and Society	3	General Education Compulsory
9	CC1041	Discrete Structures	3	General Education Compulsory
10	CC111	Programming Fundamentals (Theory & Lab)	4	Foundation Course
11	MG354	Introduction to Management	3	Foundation Course
12	AC104	Accounting Principles	3	Major Course
Semester Credit Hours			19	
Semester 3				
13	EN326	Business Communication & Report Writing	3	Major Course
14	CC251	Computer Networks (Theory & Lab)	3	Major Course
15	CC112	Object Oriented Programming (Theory & Lab)	4	Major Course
16	MK351	Introduction to Marketing	3	Major Course
17	IS310	Introduction to E-Commerce	3	Major Course
Semester Credit Hours			16	
Semester 4				
18	MG224	Innovation and Entrepreneurship	3	General Education Compulsory
19	CS432	Information Systems Security Management	3	Major Course
20	CC323	Operating Systems (Theory & Lab)	4	Major Course
21	CC230	Database Systems (Theory & Lab)	4	Major Course
22	MK252	Introduction to Digital Marketing	3	Major Course
Semester Credit Hours			17	
Total Program Credit Hours			70	