

**Proposed Roadmap of BS E-Commerce
(F2023 - S2025)**

Semester 1

Sr. No.	Course Code	Course Title	Credit Hours	Course Type
1	EN114	English Grammmare 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	MA101	Calculus	3	General Education Compulsory
5	MG201	Introduction to Business	3	Foundation Course
6	IS201	Introduction to E-Commerce	3	Foundation Course
Semester Credit Hours			18	

Semester 2

7	EN221	English Grammar and Composition II	3	General Education Compulsory
8	QM230	Business Statistics	3	General Education Compulsory
9	POL121	Pakistan: Ideology, Constitution and Society	3	General Education Compulsory
10	AC125	Fundamentals of Accounting	3	Foundation Course
11	IS315	E-Business Fundamentals	3	Foundation Course
12	EC225	Business Economics	3	Major Course
Semester Credit Hours			18	

Semester 3

13	SD222	Foreign Language (<i>Arts and Humanities Elective</i>)	3	General Education Compulsory
14	SOC102	Understanding Society & Socio-Cultural Dynamics (<i>Social Sciences Elective</i>)	3	General Education Compulsory
15	CH211	Everyday Science (<i>Natural Sciences Elective</i>)	3	General Education Compulsory
16	MG356	Business Management	3	Major Course
17	EN326	Business Communication & Report Writing	3	Major Course
18	CC111	Programming Fundamentals (Theory & Lab)	4	Major Course
Semester Credit Hours			19	

Semester 4

19	SD210	Civics and Community Engagement	2	General Education Compulsory
20	MK210	Principles of Marketing	3	Major Course
21	AC301	Financial Accounting	3	Major Course
22	LT224	Business and Corporate Law	3	Major Course
23	CS335	E Commerce Web Development	3	Major Course
24	IS250	Database Management Systems	3	Major Course
Semester Credit Hours			17	

Semester 5				
25	SD100	English Immersion	0	University Compulsory
26	MK310	Digital Marketing	3	Major Course
27	MG380	Human Resource Management	3	Major Course
28	AC332	Cost and Management Accounting	3	Major Course
29	EN352	Communication Skills and Professional Development	3	Major Course
30	MK375	Digital Business Models	3	Major Course
Semester Credit Hours			15	
Semester 6				
31	SD102	21st Century Skills	0	University Compulsory
32	IS391	Business Analytics	3	Major Course
33	FN350	Business Finance	3	Major Course
34	CS398	Information Security & Cyber Laws	3	Major Course
35	LT342	Taxation Practices in Business	3	Major Course
36	MK430	Business Research Methods	3	Major Course
Semester Credit Hours			15	
Semester 7				
37	MG224	Innovation and Entrepreneurship	3	General Education Compulsory
38	CL400	Corporate Governance	3	Major Course
39	MG466	Supply Chain Management	3	Major Course
40	FN478	E Payment and Block Chain	3	Major Course
41	CM498	Final Year Project - I	3	Major Course
Semester Credit Hours			15	
Semester 8				
42	OM470	Project Management	3	Major Course
43	MK407	E-Customer Relationship Management	3	Major Course
44	CS436/CS397	Mobile Application Development (Theory & Lab)	4	Major Course
45	FN472	International Finance	3	Major Course
46	CM499	Final Year Project - II	3	
Semester Credit Hours			16	
Total Program Credit Hours			133	