

Course Offering
Semester: Fall 2026
Program: BS Mathematics with Data Science

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
1.	MDG1612	Applications of Information and Communication Technologies	General	1	Nil	Nil	1
2.	MD1013	Calculus-I	Allied	1	Nil	Nil	1
3.	MDG1113	Functional English	General	1	Nil	Nil	1
4.	CSMD1513	Introduction to Programming	Core	1	Nil	Nil	1
5.	MDG1022	Ideology and Constitution of Pakistan	General	1	Nil	Nil	1
6.	MDG1611	Applications of Information and Communication Technologies Lab	General	1	Nil	Nil	1
7.	CSMD1511	Introduction to Programming Lab	Core	1	Nil	Nil	1
8.	CSMD1523	Object Oriented Programming	Core	1	Nil	Nil	2
9.	CSMD1521	Object Oriented Programming Lab	Core	1	Nil	Nil	2
10.	MDG1412	Sociology	General	1	Nil	Nil	2
11.	MDG1123	Expository Writing	General	1	MDG1113	Nil	2
12.	MD1023	Calculus-II	Core	1	MD1013	Nil	2

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13.	MDG1012	Islamic Studies/ Ethics	General	1	Nil	Nil	2
14.	MDG1312	Applied Physics	General	1	Nil	Nil	2
15.	MDG1311	Applied Physics Lab	General	1	Nil	Nil	2
16.	MDG1021	Fehm-ul-Quran I	General	1	Nil	Nil	2
17.	MD2533	Data Structures	General	1	Nil	Nil	3
18.	MD2531	Data Structures Lab	General	1	Nil	Nil	3
19.	MD2033	Calculus-III	General	1	Nil	Nil	3
20.	MDG2593	Elements of Sets Theory and Mathematical Logic	General	1	Nil	Nil	3
21.	MDG2212	Personal Grooming	General	1	Nil	Nil	3
22.	MDG2712	Entrepreneurship	General	1	Nil	Nil	3
23.	MD2413	Probability and Statistics-I	General	1	Nil	Nil	3
24.	MDG1031	Fehm-ul-Quran II	General	1	Nil	Nil	3