

# Course : BSc(Data Science-Major) Minor(Actuarial Analysis)

Revised NEP Curricular Framework 5 May 2024 for Science

V	Vertical 1			Vertical 2	Vertical 3	Vertical 4		Vertical 5			Vertical 6				Total Credits
Sem	V1			V2	OE	VS EC	SEC	AEC	VEC	IKS	CC	FP	C E P	O J T	
Sem 1	Subject 1	Subject 2	Subject 3		OE1 T	0	SEC1 (T/P)	AEC1	VEC1	IKS Gen	0	0	0	0	22
Credits	2 T+2 P=4 2(T):24D SC11101 Fundamentals of C Programming 2(P):24D SC11102 Practical based on C Programming	2 T+2 P=4 2(T):24D SC11103 Fundamentals of Mathematics 2(P):24D SC11104 Practical based on Mathematics	2 T+2 P=4 2(T):24DSC 11105 Basics of Descriptive Statistics 2(P):24DSC 11106 Practical based on Descriptive Statistics		2 T	0	2P 24DSC 11401 Data Science with EXCEL	2T 24ENG1 1506 (Developing Communicative Competence)	2 (T) VEC11506 Value Education Course	2					
Sem 2	Subject 1	Subject 2	Subject 3		OE 2 P	0	SEC 2 (T/P)	AEC2	VEC2	0	CC 1	0	0	0	22
Credits	2 T+2 P=4 2(T): 24DSC12101 Introduction to Data Science 2(P): 24DSC12102 Practical based on Data Science	2 T+2 P=4 2(T): 24DSC12103 Introduction to Graph Theory 2(P):24D SC12104 Practical based on Graph Theory	2 T+2 P=4 2(T):24DSC 12105 Discrete & Continuous Probability Distributions 2(P): 24DSC12106 Practical based on DCPD		2P	0	2P 24DSC 12401 R Programming	2T 24ENG1 2506 (Mastering English for Professional Purposes)	2 (T): VEC12507 Democracy & Constitutional values		2 Animation Art				
															44