

PhD in Meteorology

Course Work for Module A (Meteorology)

Core Subjects (All Compulsory)		
Course No.	Subject	Credit Hours
MET 711	Advanced Dynamical Meteorology	3 (3, 0)
MET 712	Numerical Weather Prediction	3 (3, 0)
MET 713	Science of Climate Change	3 (3, 0)
MET 714	Numerical Modeling in weather and Climate	3 (3, 0)
Optional Subjects (Any two of the following)		
MET 715	Agrometeorology	3 (3, 0)
MET 716	Monsoon Meteorology	3 (3, 0)
MET 717	Applications of Remote Sensing and GIS in Meteorology	3 (3, 0)
MET 718	Glacial Dynamics	3 (3, 0)
MET 719	Biometeorology	3 (3, 0)

Course Work for Module B (Remote Sensing and GIS)

Course No.	Subject	Credit Hours
MET 721	Spectroscopic Theory	3 (3, 0)
MET 722	Applied Remote Sensing and GIS	3 (3, 0)
MET 723	Statistical Data Analysis	3 (3, 0)
MET 724	Numerical Modeling	3 (3, 0)
MET 725	Programming Languages	3 (3, 0)
MET 726	Research and Project Writing Skills	3 (3, 0)