





5.0 credits	37.5 h + 22.5 h	2q
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Teacher(s) :	Crucifix Michel ; Fichet Thierry ; van Ypersele de Strihou Jean-Pascal ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes :	General characteristics of the atmosphere; thermodynamics of dry air and moist air; static stability of the atmosphere; atmospheric dynamics; atmospheric heat gains and losses; large-scale atmospheric mean flows; air masses, fronts and synoptic weather systems; weather forecasting; regional climatic processes; climate changes.
Aims :	To acquire the basic notions of meteorology needed to understand the main atmospheric phenomena and weather forecasting as well as some additional training in climatology. <i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i>
Other infos :	Prerequisite: BIR 1333 Bioclimatology [15; 7.5] (2 credits). Reference book: Triplet, J.P. et G. Roche, Météorologie générale, Météo-France, Trappes, 317 pp., 1996.
Faculty or entity in charge:	GEOG

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Geography : General	GEOG2M	5	-	
Master [120] in Geography : Climatology	CLIM2M	5	-	
Minor in Geography	LGEOG100I	5	-	
Bachelor in Geography : General	GEOG1BA	5	LPHY1121 and LPHY1122	
Additional module in Geography	LGEOG100P	5	-	