

5.0 credits

37.5 h + 22.5 h

1q

Teacher(s) :	Crucifix Michel ; van Ypersele de Strihou Jean-Pascal ; Fichet Thierry ; Fichet Thierry (compensates van Ypersele de Strihou Jean-Pascal) ;
Language :	Français
Place of the course	Louvain-la-Neuve
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.
Cycle and year of study :	<ul style="list-style-type: none"> <li>&gt; <a href="#">Master [120] in Geography : Climatology</a></li> <li>&gt; <a href="#">Bachelor in Information and Communication</a></li> <li>&gt; <a href="#">Bachelor in Philosophy</a></li> <li>&gt; <a href="#">Bachelor in Pharmacy</a></li> <li>&gt; <a href="#">Bachelor in Computer Science</a></li> <li>&gt; <a href="#">Bachelor in Economics and Management</a></li> <li>&gt; <a href="#">Bachelor in Motor skills : General</a></li> <li>&gt; <a href="#">Bachelor in Human and Social Sciences</a></li> <li>&gt; <a href="#">Bachelor in Sociology and Anthropology</a></li> <li>&gt; <a href="#">Bachelor in Political Sciences: General</a></li> <li>&gt; <a href="#">Bachelor in Mathematics</a></li> <li>&gt; <a href="#">Bachelor in Biomedicine</a></li> <li>&gt; <a href="#">Bachelor in Engineering</a></li> <li>&gt; <a href="#">Bachelor in Physics</a></li> <li>&gt; <a href="#">Bachelor in religious studies</a></li> <li>&gt; <a href="#">Bachelor in Geography : General</a></li> <li>&gt; <a href="#">Master [120] in Geography : General</a></li> </ul>
Faculty or entity in charge:	GEOG