

**PHY1365 Meteorology**

[37.5h+22.5h exercises] 5 credits

This course is not taught in 2005-2006

Language: French

Level: First cycle

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.

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.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

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.