



PHYS2541 Meteorology and globe physics

[37.5h+22.5h exercises] 5 credits

Teacher(s): André Berger, Thierry Fichet, Jean-Pascal van Ypersele de Strihou
Language: French
Level: Second cycle

Aims

To give the concepts necessary to any further study of meteorology, climatology, air pollution and hydrology.

Main themes

The basic elements concerning the composition of the atmosphere, dry and saturated air thermodynamics, atmospheric humidity, hydrostatics, atmospheric dynamics, meteorological systems, local, regional and general circulation characteristics.

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

Prerequisites: the course is based on the book from Triplet J.P. and Roche G., "Météorologie générale", Ecole nationale de météorologie and on complementary course notes.

Other credits in programs

GEOG21	Première licence en sciences géographiques	(5 credits)	Mandatory
PHYS21/T	Première licence en sciences physiques (Physique de la terre, de l'espace et du climat)	(5 credits)	