

**GEO1242 Mathematical Geography**

[30h+15h exercises] 4 credits

Teacher(s): André Berger, Michel Crucifix (supplée Jean-Pascal van Ypersele de Strihou), Jean-Pascal van Ypersele de Strihou
Language: French
Level: First cycle

Main themes

The course's goal is to teach the futur geographs to build a geographical map and to use it correctly. It contains:

1. - an overview of the methods of topography which given the dimensions and relative positions of particularities of the field that we want to put into place.
2. - showing the representation modes or "cartographic projections", their definition formulas, their properties, the deformations that they come with, the way to build them graphically or by calculation.