



GEO1341 Statistical modelling in geography

[30h+30h exercises] 5 credits

Teacher(s): Dominique Peeters (coord.), Isabelle Thomas
Language: French
Level: First cycle

Aims

To introduce the principal statistical methods used in geography.
 To be able to use them in practice: choice of the method according to nature of the problem, implementation on a computer, interpretation and communication of the results;
 To be able to understand the statistical aspects most frequently met in the geographical literature.

Main themes

The course covers the most usual statistical techniques used in geography:
 regression analysis;
 factor analysis;
 clustering;
 discrete data analysis;
 spatial statistics.
 Assignments lead to a basic knowledge of a statistical software (SAS).

Other credits in programs

GEOG13BA	Troisième année de bachelier en sciences géographiques	(5 credits)	Mandatory
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