



GEO1341 Statistical modelling in geography

[30h+30h exercises] 5 credits

This course is not taught in 2005-2006

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).