LDEMO2710

2012-2013

Quantitative methods in social sciences II

5.0 credits	20.0 h + 20.0 h	1q

Teacher(s) :	Bocquier Philippe ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	1. Multivariate analysis of longitudinal data : survival/event history analysis 2. Factor analysis : principal component analysis, factor analyses, correspondences factor analysis and multiple-correspondences factor analysis 3. Cluster analysis and segmentation methods.
Aims :	This course completes the course of multivariate analysis in the social sciences I. It focuses on cohort analysis and on the analyses of interdependencies and typologies. The aims are : - To master the tools of survey data analysis. - To be able to understand and make use of the scientific literature resorting to these methods - To be autonomous in the use of a data analysis software - To be able to select a data analysis strategy related to a specific research question and to present and inter-pret the results. *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Other infos :	Quantitative methods in social sciences I (DEMO 2170) or equivalent Group work and oral examination Course text on Icampus Teaching assistant for tutorials
Cycle and year of study :	> Master [60] in Sociology and Anthropology > Master [120] in Sociology > Master [120] in Population and Development Studies > Master [120] in Statistics: General
Faculty or entity in charge:	PSAD