UCL Université catholique de Louvain

LGEO1341

2015-2016

Statistical modelling in geography

5.0 credits	30.0 h + 30.0 h	1q

Teacher(s) :	Vanwambeke Sophie ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	*The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.*
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).
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. *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".*
Faculty or entity in charge:	GEOG

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Minor in Geography	LGEOG100I	5	-	
Master [120] in History of Art and Archaeology : General	ARKE2M	5	-	
Bachelor in Geography : General	GEOG1BA	5	LMAT1275 **and** LGEO1241	