UCL Université catholique de Louvain

LGEO1321

2015-2016

Human and Economic geography 1

4.0 credits	25.0 h + 25.0 h	2q

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 two areas of human geography: rural geography and geography of health. Rural geography Themes: spatial organisation of rural areas: von Thünen's model; contemporary issues in western rural areas. Objectives: understanding the basic principles of rural geography as well as the major contemporary challenges in rural areas of Europe. These will be addressed using concrete examples, such as the issue of multi-functionality. Geography of health Themes: ecosystem services in terms of health; classic diffusion and transmission models: Hägerstrand, basic reproductive rate, entomological inoculation rate; the question of biodiversity (dilution/amplification); comparing empirical and process-based approaches; public health challenges of global environmental changes.
Aims :	Understand the main spatial models of infectious diseases, including those transmitted by vectors; understanding environmental factors that influence human health in various ecosystems, with a specific focus on infectious diseases. Both parts of the course, rural geography and geography of health, combine by common tools, such as Hägerstrand's diffusion model, and by common focal points, such as the impact of human activities on landscapes and the environment. -environment, including aspects related to health; -cultural geography of rural areas. *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
Master [120] in Geography : General	GEOG2M	4	-	
Minor in Geography	LGEOG100I	4	-	
Bachelor in Geography : General	GEOG1BA	4	LGEO1221	
Master [120] in Geography : Climatology	CLIM2M	4	-	
Additionnal module in Geography	LGEOG100P	4	-	
Advanced Master in Rural Economics and Sociology	ECOS2MC	4	-	
Master [120] in Agriculture and Bio-industries	SAIV2M	4	-	
Master [120] in Agricultural Bioengineering	BIRA2M	4	-	