






4.00 credits

22.5 h + 22.5 h

Q2

Teacher(s)	Meyfroidt Patrick ;Vanwambeke Sophie ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	For students with a Bachelor's degree in Geographical Sciences, it is advisable to take the courses LGEO1342 and LGEO1341 in the same academic year at the latest. <i>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.</i>
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.
Learning outcomes	At the end of this learning unit, the student is able to : Understand the main spatial models of infectious diseases, including those transmitted by vectors; 1

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Geography : Climatology	CLIM2M	4		
Minor in Geography	MINGEOG	4		
Master [120] in Agriculture and Bio-industries	SAIV2M	4		
Bachelor in Geography : General	GEOG1BA	4	LGEO1342	
Master [120] in Geography : General	GEOG2M	4		
Master [120] in Agricultural Bioengineering	BIRA2M	4		