



4.00 credits

30.0 h + 30.0 h

Q2

Teacher(s)	Jonard François (compensates Van Oost Kristof) ;Van Oost Kristof ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	<p>Lectures : Principals of different techniques and data treatment Practical work : Non residential fieldwork Exercises in data treatment Outline</p> <ol style="list-style-type: none"> 1. Techniques in cartography : surveying, the use of a GPS, construction of Digital Terrain Models 2. Application of cartography for representing the state of natural resources (intensity of soil erosion, spatial variation of organic matter) 3. Continuous measurement of environmental parameters using dataloggers 4. Field validation of classification of satellite images 5. Questionnaire design and testing
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ol style="list-style-type: none"> 1 Acquiring the most important fieldwork techniques in geography Preparing the students for the acquisition of data for their thesis projects
Faculty or entity in charge	GEOG

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Geography : Climatology	CLIM2M	4		
Master [60] in Geography : General	GEOG2M1	4		
Master [120] in Geography : General	GEOG2M	4		