




5.00 credits

30.0 h + 30.0 h

Q2

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|-----------------------------|---|
| Teacher(s) | Van Oost Kristof ; |
| Language : | French |
| Place of the course | Louvain-la-Neuve |
| Main themes | Lectures : Principals of different techniques and data treatment Practical work : Non residential fieldwork Exercises in data treatment Outline 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 varion 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 | At the end of this learning unit, the student is able to : <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 thesi projects |
| Faculty or entity in charge | GEOG |

| Programmes containing this learning unit (UE) | | | | |
|--|-------------------------|---------|--------------|---|
| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
| Master [120] in Geography : General | GEOG2M | 5 | |  |
| Master [120] in Geography : Climatology | CLIM2M | 5 | |  |
| Master [60] in Geography : General | GEOG2M1 | 5 | |  |