# LGEO2250

*2015-2016*

# Mesures de terrain en géographie

| 5.0 credits | 30.0 h + 30.0 h | 2q |
|---|---|---|

| | |
|---|---|
| Teacher(s) : | van Wesemael Bas (coordinator) ; Van Oost Kristof ; |
| Language : | Français |
| Place of the course | Louvain-la-Neuve |
| Main themes : | Lectures : Principals of different techniques and data treatment<br><br>Practical work : Non residential fieldwork<br>Exercises in data treatment<br><br>Outline<br><br>1 Techniques in cartography : surveying, the use of a GPS, construction of Digital Terrain Models<br><br>2 Application of cartography for representing the state of natural resources (intensity of soil erosion, spatial varion of organic matter)<br><br>3 Continuous measurement of environmental parameters using dataloggers<br><br>4 Field validation of classification of satellite images<br><br>5 Questionnaire design and testing |
| Aims : | Acquiring the most important fieldwork techniques in geography<br>Preparing the students for the acquisition of data for their thesi projects<br><br>*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 | 5 | - | |
| Master [120] in Geography : Climatology | CLIM2M | 5 | - | |