

6.00 credits

60.0 h + 60.0 h

Q1

Teacher(s)	Vanacker Veerle ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<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>
Learning outcomes	
Evaluation methods	<p>The skills and competences that will be learned:</p> <ul style="list-style-type: none"> • Capacity to apply different geographic tools for field observation and data collection • Capacity to read and understand geographic patterns, and the different components of a landscape <p>Also, the students will learn how to</p> <ul style="list-style-type: none"> • formulate a research question on a relevant environmental problem • work efficiently in group on a common project • estimate the time and resources necessary to complete a research project • synthetise the main results in a scientific report <p>The evaluation of the course will be based on</p> <ul style="list-style-type: none"> • individual participation in group work and weekly group meetings • final report, the quality of the research project and its documentation, and the presentation of the final results during the excursion • active participation in the daily activities and debates during the excursion
Teaching methods	<p>The course is organised in four parts</p> <ol style="list-style-type: none"> 1. Research project in small groups on a relevant environmental problem, that covers different aspects of geography (physical, human and environmental aspects). During the year 2022-2023, the transversal theme is: "<i>Flooding risks in Belgium in a context of global change</i>". Based on a review of the literature, the group needs to define and elaborate a research question that is relevant for one (of more) of the geographic regions that we will visit during the excursion. During 10 weeks, the groups will work on their research project. During the practical exercises, the groups will analyse the landscape using historical maps, digital terrain models and environmental data in a GIS environment. 2. Writing of final scientific report that is conceived as a small research paper. 3. Excursion in Belgium. During 5 days, we will visit 4 geographic regions and analyse human-environment interactions. We will use different teaching techniques, and include field monitoring and measurement techniques. 4. Oral communication. During the excursion, the groups will present a synthesis of their work to their peers and the teachers.
Content	<p>The central theme of this course on the "geography of Belgium" is the interaction between humans and their environment. The course aims to observe the spatial organisation of the landscape, to explain the observed patterns and compare them with theoretical models on landscape structure. Different geographical regions will be visited: Pays de Herve, Fagnes, Haute Ardenne, and the Belgian coast.</p>
Inline resources	<p>https://moodleucl.uclouvain.be/course/view.php?id=8000</p>
Bibliography	<p>Demoulin, A. (2018). Landscapes and Landforms of Belgium and Luxembourg. Cham Springer International Publishing. Livre électronique (eBook). e-ISBN: 9783319582399. Disponible via DIAL : http://hdl.handle.net/2078/ebook:123606</p>

<p>Other infos</p>	<p>The participation to the practical exercises and field excursion is mandatory. These are organized only once during an academic year. It is impossible to redo them in the second session.</p> <p>Prerequisites: LGEO1221 Elements of human geography; LGEO1231 Elements of physical geography, or equivalent courses taken by students in mobility. For the realisation of the research project, notions in geographical information systems (GIS) and cartography are necessary.</p> <p>This activity is accessible to students who do not speak French.</p> <p>Student in mobility need to contact the teacher(s) before the start of the semester to verify if they can participate in the excursion.</p>
<p>Faculty or entity in charge</p>	<p>GEOG</p>

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Geography : General	GEOG1BA	6	LGEO1342	