



In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

2 credits

24.0 h

Q1

Teacher(s)	Nieberding Caroline ;Visser Bertanne (compensates Nieberding Caroline) ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	Synthesis between ancient and recent historical factors of communities in different biomes on Earth in order to (i) better understand the general rules versus particularities of community structure, diversity and functioning ; (ii) make predictions about their future evolution.
Aims	<p>1 This course focuses on the historical and current factors, including human influence, explaining the geographic distribution, the dynamics, the differentiation and the adaptation of the communities of organisms on earth. It aims in particular at making the synthesis between ancient and recent information on communities, in order to better understand their structure, diversity, functioning, and future evolution.</p> <p>-----</p> <p><i>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".</i></p>
Evaluation methods	<p><b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b></p> <p>Synthesis and bibliographic analysis work, personal or in pairs of students. The exam will be based on the written report, on the oral presentation and on the answers to questions, in the form of a half-day workshop with all the students during the January session.</p> <p>Attendance at the workshop is mandatory to obtain a rating for this course. The report and presentation can be made in French or English; in the latter case the final score will be increased by 2 points out of 20 (10%).</p> <p>Knowledge in Ecology, Biogeography and Conservation Biology at the baccalaureate level is required.</p>
Teaching methods	<p><b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b></p> <p>Monitoring by the teacher of the progress of the work of writing the report on the biome chosen by the student.</p>
Content	<p>This course will be given in collaboration with Prof. C. Nieberding and Dr. B. Visser, and counts for a 24-hour volume. This course will preferably be given in English.</p> <p>The aim of this course "LBOE2121 Terrestrial Biome Studies" is to identify the role and consequences of human activities on the status of highly diverse biomes. The course will mainly consist of personal work or work in groups of two students on a biome of their choice. The objective of this work will be to identify the characteristics of the biome in terms of biodiversity, and to quantify the human activities that threaten the perrenity of this biodiversity.</p>
Inline resources	The UCL's moodle platform provides all the practical information. Please register: <a href="https://moodleucl.uclouvain.be/course/view.php?id=10052">https://moodleucl.uclouvain.be/course/view.php?id=10052</a>
Bibliography	<ul style="list-style-type: none"> <li>• La plateforme moodle de l'UCL pour LBOE2121 (voir ci-dessus lien)</li> <li>• scopus et accès à la littérature scientifique primaire peer-reviewée</li> </ul>
Other infos	The evaluation is based on a written report and its oral presentation, and the active participation of the student in the discussion.
Faculty or entity in charge	BIOL

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Biology of Organisms and Ecology	BOE2M	2		
Master [120] in Geography : General	GEOG2M	2		
Master [60] in Biology	BIOL2M1	2		