



2.0 credits	24.0 h	1q
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Teacher(s) :	San Martin Y Gomez Gilles (compensates Nieberding Caroline) ; Nieberding Caroline ;
Language :	Français
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>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><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 :	The evaluation is based on a written report and its oral presentation, and the active participation of the student in the discussion.
Content :	The course consists of 8 hours of (i) teaching to provide an overview of the current ideas in the field; (ii) discussion of scientific articles in class for illustration purposes. This will be followed by the preparation of a personal report by each student on a topic approved by the teacher, which is also presented orally in front of the other students. The aim is to learn to use the modern internet-based research tools and to synthesize and use information with a critical sense, and to be able to answer questions and criticisms from the audience.
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 / formations proposant cette unité d'enseignement (UE)</b>				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Biology of Organisms and Ecology	BOE2M	2	-	
Master [120] in Geography : General	GEOG2M	2	-	
Master [60] in Biology	BIOL2M1	3	-	