




4.0 credits	36.0 h + 12.0 h	1q
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Teacher(s) :	Schtickzelle Nicolas ;
Language :	Français
Place of the course	Louvain-la-Neuve
Inline resources:	Course slides are available on icampus
Main themes :	This course covers conservation biology, the branch of science that aims to provide the scientific bases of biodiversity conservation and its daily practice like the management of natural environments and endangered populations. The course emphasizes a multi-disciplinary approach integrating ecology, biogeography, genetics, to lead to a modelling approach. Then the course covers the applied aspect of this discipline, integrating a political and socio-economic thinking.
Aims :	Through this course, students will gain a comprehensive view of the current biodiversity crisis, its causes, consequences and possible ways to limit it. 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>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>
Evaluation methods :	Oral examination preceded by written preparation..
Content :	The course begins by defining the levels of biodiversity, its spatiotemporal variations and its current state. The peculiarity of the current extinction crisis is determined relative to the extinctions of the past. Then the various threats to biodiversity, caused by the human impacts on the environment, are detailed, with the associated risks to biodiversity and humanity. Follows an overview of approaches to conservation and management of territories and threatened species. The practical work consists in a visit to the Bois de Lauzelle to concretely illustrate the risks to biodiversity and associated conservation and / or restoration approaches.
Other infos :	Evaluation: oral examination preceded by written preparation.. Support: course slides are available on icampus.
Faculty or entity in charge:	BIOL

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Forests and Natural Areas Engineering	BIRF2M	4	-	
Master [120] in Environmental Science and Management	ENVI2M	4	-	
Master [120] in Biology of Organisms and Ecology	BOE2M	4	-	
Master [60] in Biology	BIOL2M1	4	-	