




4 credits

36.0 h + 12.0 h

Q1

Teacher(s)	Schtickzelle Nicolas ;
Language :	French
Place of the course	Louvain-la-Neuve
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	<p>Through this course, students will gain a comprehensive view of the current biodiversity crisis, its causes, consequences and possible ways to limit it.</p> <p>1 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'.</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	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.
Inline resources	Course slides are available on icampus
Other infos	Evaluation: oral examination preceded by written preparation.. Support: course slides are available on icampus.
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Environmental Science and Management	ENVI2M	4		
Master [120] in Forests and Natural Areas Engineering	BIRF2M	4		
Master [60] in Biology	BIOL2M1	4		
Master [120] in Biology of Organisms and Ecology	BOE2M	4		