






4.00 credits

36.0 h + 12.0 h

Q1

Teacher(s)	Schtickzelle Nicolas ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The course addresses conservation biology, the branch of science that aims to provide the scientific foundations necessary for the conservation of biodiversity and its daily practice such as the management of natural environments and threatened populations. The course favors a multi-disciplinary approach integrating biology (ecology, biogeography, genetics) with political and socio-economic reflection.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>1 Through this course, students will gain a comprehensive view of the current biodiversity crisis, its causes, consequences and possible ways to limit it.</p>
Evaluation methods	<p>The evaluation consists of an exam (16/20) and a report on the practical work (4/20).</p> <p>Oral examination on the content of the course, on the basis of questions chosen at random by the student. There will be a 10-minute preparation time, followed by a 10-minute discussion.</p> <p>If the health rules require that the exam be organized remotely, it will be done by Microsoft Teams, and the preparation time will be eliminated.</p>
Teaching methods	<p>Lecture in audience for the theoretical part.</p> <p>The practical work consists of two half-day excursions in the field during which concrete issues of biodiversity conservation will be illustrated, involving the preparation by group of a theme to be presented during the excursion. One or more seminars by guest speakers are also planned.</p> <p>The student is encouraged to interact with all these activities.</p>
Content	<p>The course begins by defining the levels of biodiversity, its spatiotemporal variations and its current state.</p> <p>The peculiarity of the current extinction crisis is determined relative to the extinctions of the past.</p> <p>Then the various threats to biodiversity, caused by the human impacts on the environment, are detailed, with the associated risks to biodiversity and humanity.</p> <p>Follows an overview of approaches to conservation and management of territories and threatened species.</p>
Inline resources	<p>The slides presented during the course are on Moodle.</p> <p>A full set of courses recorded from a previous year are available on Moodle.</p>
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biology of Organisms and Ecology	BOE2M	4		
Master [120] in Environmental Science and Management	ENVI2M	4		
Master [120] in Sociology	SOC2M	5		
Master [60] in Biology	BIOL2M1	4		
Interdisciplinary Advanced Master in Science and Management of the Environment and Sustainable Development	ENVI2MC	4		
Master [120] in Geography : General	GEOG2M	4		