





Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

4 credits	30.0 h + 10.0 h	Q2
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Teacher(s)	Van Dyck Hans ;Wesselingh Renate (coordinator) ;
Language :	French
Place of the course	Louvain-la-Neuve
Aims	<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>
Content	<p>This course treats all the questions that have a link with ecology, both the theoretical concepts illustrated by practical examples, but also the impact of man on ecosystems.</p> <p>More in detail, the cours deals with</p> <ul style="list-style-type: none"> • the ecology of individuals (abiotic conditions, resources, intraspecific competition, ecological niche) • population ecology (life cycles, demography, migration and dispersal, life history, impact of intraspecific competition on populations) • community ecology (the different types of interactions between species, interspecific competition and community structure, predator-prey relationships, effects of predation on community structure) • ecosystem dynamics (biogeochemical cycles, primary productivity, energy flow through ecosystems, interactions between trophic levels) • the biosphere (influence of abiotic conditions on ecosystems, terrestrial and aquatic biomes, biodiversity, impact of the human population) <p>Practical activities outdoors will help to illustrate the theoretical concepts.</p>
Bibliography	
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Biology	BIOL1BA	4		
Minor in Biology	MINBIOL	4		
Minor in Scientific Culture	MINCULTS	4		
Minor in Population and Development Studies	MINSPEL	5		
Bachelor in Geography : General	GEOG1BA	4		