






4.00 credits

30.0 h + 10.0 h

Q2

Teacher(s)	Wesselingh Renate ;
Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	
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 course 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	Learning outcomes
Minor in Population and Development Studies	MINSPED	5		
Minor in Biology	MINBIOL	4		
Minor in Scientific Culture	MINCULTS	4		
Bachelor in Biology	BIOL1BA	4		
Bachelor in Geography : General	GEOG1BA	4		
Interdisciplinary Advanced Master in Science and Management of the Environment and Sustainable Development	ENVI2MC	4		