





4.00 credits

30.0 h + 15.0 h

Q2


**This learning unit is not open to incoming exchange students!**

Teacher(s)	De Keersmaecker Marie-Laurence ;van Wesemael Bas ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The course tackles three themes that are used to illustrate the more important geographic theories and models . The first theme concerns the use of geographic space and its measurement, the systematic principles of the environment, the evolution of ecosystems and their degradation. The second theme concerns techniques for the analysis of geographic space with respect to ecological problems. This includes theories that relate to population and natural resource use. The third theme covers the present day macro-geographical organisation of space. The course is completed by practical exercises that introduce the student to fundamental geographic tools (maps, aerial photos, satellite images, statistical data, cadastral data) as well as to field techniques.
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>1 The course is an introduction to the analysis of geographic space. From this perspective, it comprises, in addition to the basic elements of human geography, a more ecological approach that takes account of the relationships between people and their environment.</p>
Evaluation methods	written examination and evaluation of practical works
Teaching methods	There will 12 lectures and 12 practical sessions
Content	The course gives an introduction to the earth system stressing the interaction between humans and the environment. We will discuss the concept of Earth systems, the major biomes (tundra, forest, grassland, rivers, croplands) as well as human environments such as cities and coasts
Inline resources	Sides written by the teachers available on moodle. The slides are ibased on One Planet Many People – Atlas of our changing environement, available on line <a href="http://na.unep.net/OnePlanetManyPeople/chapters.html">http://na.unep.net/OnePlanetManyPeople/chapters.html</a> and the textbook by Andrew Goudie, The Human impact on the natural environment (5th or 6th edition).
Bibliography	<ul style="list-style-type: none"> <li>• Andrew Goudie, The Human impact on the natural environment (5ième ou 6ième édition). Le livre est disponible à la BSE.</li> <li>• ouvrage de l'UNEP, One Planet Many People – Atlas of our changing environement, disponible en ligne <a href="http://na.unep.net/OnePlanetManyPeople/chapters.html">http://na.unep.net/OnePlanetManyPeople/chapters.html</a></li> </ul>
Faculty or entity in charge	GEOG

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Minor in Scientific Culture	<a href="#">MINCULTS</a>	4		
Minor : Issues of Transition and Sustainable Development	<a href="#">MINDD</a>	5		
Bachelor in Mathematics	<a href="#">MATH1BA</a>	5		
Minor in Geography	<a href="#">MINGEOG</a>	4		
Bachelor in Geography : General	<a href="#">GEOG1BA</a>	4		