

3.00 credits

30.0 h

Q2

Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	The LBIR1130 course and its abridged version LBIR1130A are courses of general scientific culture accessible to all students having completed the secondary school level. They can be taken without any prerequisites by any UCLouvain student.
Main themes	<p>The course provides a first introduction to Earth sciences from a geological perspective.</p> <p>The following topics are covered:</p> <ul style="list-style-type: none"> - Planet Earth: formation and internal structure - Earth functioning: plate tectonics - Earth materials: minerals, rocks, the rock cycle, soils - Tectonic activity: volcanism, earthquakes, mountain formation - Deep time: fossils, the geological time scale - Earth resources: energy and mineral resources - Processes at the Earth's surface: mass movements, ocean circulation, glaciers - Global change within the Earth System: the planetary boundaries
Learning outcomes	
Bibliography	L'UE s'appuie sur l'ouvrage de référence "Marshak, S. (2014) Terre, portrait d'une planète. De Boeck Supérieur, 2ème édition". L'acquisition de l'ouvrage est fortement conseillé mais pas obligatoire. Il est disponible à la DUC.
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Minor in Development and Environment	MINDENV	3		