

3.00 credits

30.0 h

Q2

Teacher(s)	Delmelle Pierre ;Opfergelt Sophie ;
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 UCL student, regardless to the Faculty to which they belong.
Main themes	The course provides a first introduction to Earth sciences from a geological perspective; the other three main disciplines of the Earth (astronomy, oceanography and meteorology) are not included. The course describes the composition of Earth materials, the internal structure of the planet, the geological processes active at depth (internal processes) and at the surface (external processes), how rocks are formed and how they represent the archives of Earth's past. The course considers the Earth as a set of subsystems interacting with each other and which are influenced by life. Throughout the course, these subsystems and their interactions are placed in the general frame of plate tectonics which serves as the guiding principle for the course.
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		