


5.00 credits

15.0 h

Q2

**This biannual learning is being organized in 2021-2022**

Teacher(s)	Driessen Jan ;
Language :	English > English-friendly
Place of the course	Louvain-la-Neuve
Prerequisites	/
Main themes	The course proposes an introduction to the application of Earth science (geology, geomorphology, pedology) concepts and methods in archaeological contexts.
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>1 Through this course, students will receive a general introduction to geoarchaeology (concepts, methods, applications). At the end of the course, students should be able to locate relevant information in specialized reference sources, and to identify geoscientific techniques amenable to the resolution of archaeological research questions.</p>
Evaluation methods	Research paper to be submitted at the end of the session; topics suggested by the instructor but students may also suggest their own topics (subject to the instructor's approval). The research paper can be written in English or French.
Teaching methods	The course is organised in 2-or 4-hours modules, each of them devoted to a particular theme in geoarchaeology or GIS by an invited expert.
Content	Introduction to geoarchaeology (disciplinary history, major geomorphological contexts, bibliography); introduction to sedimentology and pedology (description and characterization of soils and sediments, notion of sedimentary facies); archaeological micromorphology (principles and applications); alluvial geoarchaeology; coastal geoarchaeology; introduction to archaeoseismology; introduction to geographical information systems (GIS). Course given in English
Bibliography	La bibliographie sera exposée durant la première séance de cours.
Faculty or entity in charge	EHAC

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in History of Art and Archaeology : General	ARKE2M	5		
Master [60] in History of Art and Archaeology : General	ARKE2M1	5		