








5.00 credits

22.5 h

Q2


This biannual learning unit is not being organized in 2021-2022 !

Teacher(s)	Lempire Jean ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	/
Main themes	Study of the development of some specific sciences (Arithmetic, Geometry, Geography, Astronomy, Medicine, etc.) in Ancient Egypt, Babylonian and Greco-Roman civilisations.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>1 At the end of this course of lectures, the student must understand how the modern concept of science was made up from the Egyptian, Babylonian and Ancient Greek civilisations.</p>
Evaluation methods	<p>The final mark includes :</p> <ul style="list-style-type: none"> • the results of the personal work of the student (25%); • the results of the written exam (75%). <p>Written exam in June and/or September.</p>
Teaching methods	<p>Lectures (face-to-face) with demonstrations of the more technical topics.</p> <p>Interaction between students about the topic of their own work.</p> <p>Depending on the evolution of the health situation, these modalities could be transposed into hybrid mode (co-modality: face-to-face for one group of students, distance learning for the other, according to a principle of alternation), or even distance learning only.</p>
Content	<p>In a diachronic way (from the Early Antiquity to the 4th century AD), we will examine the developments of the exact (Arithmetic, Geometry, Astronomy) and natural (Medicine included) sciences in the Egyptian, Babylonian and Greek-Roman cultures, more particularly through the study of technical topics and cases (the Euclidean geometry, the "Antikythera mechanism", the astronomical system of Ptolemy, calendars, the theory of humors in Hippocrates and Galen, etc.).</p> <p>A work (about 5-8 pages) is required from students on a topic of personal interest in the history of ancient sciences (in Egyptian, Babylonian or Greek-Roman cultures).</p>
Inline resources	Documentation (complementary to student notes) - including the course powerpoint - on the Moodle server.
Bibliography	Références données au fil du cours.
Faculty or entity in charge	FIAL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Certificat universitaire en langue, littérature et civilisation latines	ELAT9CE	5		
Master [120] in Ancient Languages and Literatures: Oriental Studies	HORI2M	5		
Master [120] in History of Art and Archaeology : General	ARKE2M	5		
Master [60] in Ancient Languages and Literatures : Oriental Studies	HORI2M1	5		
Master [120] in History	HIST2M	5		
Master [60] in History	HIST2M1	5		
Master [120] in Ancient Languages and Literatures: Classics	CLAS2M	5		
Master [120] in Ancient and Modern Languages and Literatures	LAFR2M	5		