lhist2401

2024

History and data management

5.00 credits	22.5 h	Q1

Teacher(s)	François Aurore ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	/
Main themes	Management and critical analysis of information are key skills for historians. The ability to deal with a corpus of data using powerful computer techniques is a necessary skill not only for studying history but also for the development of historical expertise in society. This course is designed to introduce students to the structuring of data on the entity-relationship model and to go through all the stages necessary to create a relational database. The course will use concrete examples of corpora of varied documents, both with a rigid structure (registers, lists, directories, etc.) and without (speeches, correspondence, etc.).
Learning outcomes	**At the end of this learning unit, the student is able to :** Objective of the course: from the perspective of their seminar or thesis, to provide history students with the conceptual tools to enable them to better understand, structure and deal with information drawn from their sources. At the end of the course, students will be introduced to the principles according to which an information system functions, and will be able to undertake a project to design a historical database (structuring the data, entering it onto database management software, creation of encoding forms, requests).
Evaluation methods	Written exam, partly computer-based
Teaching methods	Theoretical presentations, case analysis and resolution of exercises, including computer-based exercises
Content	Using examples of the resolution of practical cases, this course covers the main stages in the formation of a relational database: • How to analyse the field of application (sources, issues...), design a data structure; • How to create the structure in a database management system; • How to design the tools and strategies to help the process of collection/encoding; • How to retrieve information from the resulting corpus.
Faculty or entity in charge	EHAC

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Information and Communication Science and Technology	STIC2M	5		🔍
Master [120] in History	HIST2M	5		🔍
Master [60] in History	HIST2M1	5		🔍