

6.00 credits

48.0 h

Q1

Language :	French
Place of the course	Autre site
Main themes	Integration of thermal comfort. Integration of comfort (electricity, sanitation, mobility, fire safety)
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <ol style="list-style-type: none"> <li>1 Identify the structure of historic buildings, their original features and their heritage value.</li>   <li>2 Establish a strategy that respects the building for the conservation and restoration of structures, for thermal and, where applicable, acoustic insulation, and for the integration of contemporary comfort and safety equipment, all in a spirit of sustainable development.</li> </ol>
Evaluation methods	Written and/or oral assignment presenting intervention strategies for the parties, indoor climate, equipment integration and energy performance, all in a spirit of sustainable development. Peer assessment in January (or August, in case of failure).
Teaching methods	Lectures, seminars and conferences, site visits...
Content	<ul style="list-style-type: none"> <li>• Study of traditional (historical) comfort techniques: heating, ventilation, insulation, hygiene.</li> <li>• General study of contemporary equipment, mobility and comfort techniques and their adaptation to the specific context of historic buildings.</li> <li>• Issues of sustainable development, energy consumption and building insulation in the specific context of historic buildings.</li> </ul>
Inline resources	Course materials are made available as the course progresses.
Bibliography	Les ouvrages imposés sont mis à la disposition des étudiants au Centre d'Information et de Documentation de la Paix-Dieu et/ou dans les bibliothèques des institutions partenaires.
Faculty or entity in charge	FIAL

**Programmes containing this learning unit (UE)**

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Advanced Master in Heritage Conservation and Restoration	PATR2MC	6		