


8 credits	90.0 h	Q1
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**This biannual learning is being organized in 2017-2018**

Teacher(s)	Bolle Caroline ;Gochet Bernard (compensates Bolle Caroline) ;Gochet Bernard ;Vanden Eynde Jean-Louis ;Vandenbroucke David ;
Language :	French
Place of the course	Tournai
Main themes	<p>The Issues in Architecture: Heritage &amp; Memory course is designed to face students with the interaction between the physical conditions and the cultural conditions of an architectural project in a pre-existing building.</p> <p>The opportunities to link this issue to academic research mainly relate to a transdisciplinary approach to knowledge and understanding of the physical state of the construction as well as the methodology for intervention and the integration of the project in the pre-existing building.</p> <p>Issues in Architecture : Heritage &amp; Memory is made up of two (biennial) modules: For information : <b>MODULE A</b> explores the question of the Preliminary Study and State of Property Report. Carrying out a preliminary study and a state of property report on an existing building.</p> <p><b>MODULE B (biennial): Carrying out an architectural integration project in an existing building</b></p> <p>This module raises the question of how to conceptualise a situation in relation to the dictates of architecture. It is designed to test out, in an in-depth way through the project, the different aspects and requirements involved in the adaptation of a pre-existing building to contemporary challenges. In addition to the architectural and rehabilitation aspects, students will go as far as the detailed execution of the most significant parts of their project.</p> <p>The module includes theoretical classes, formal lectures and/or participatory seminars and develops the following topics: <b>Building Archaeology</b> <b>Materiality &amp; Architectonic Integration in Heritage Buildings</b> <b>Technique &amp; Comfort.</b></p>
Aims	<p>This course forms part of a group of teaching units on the physical and cultural condition of an architectural project in the context of a pre-existing building.</p> <p>By the end of this course, students will be able to</p> <ul style="list-style-type: none"> <li>• make use of other disciplines : seek out other concepts and methods, exchange and nurture thinking on architecture.</li> <li>• test an artistic approach : apply a voluntary act to an uncertain beginning by bringing together elements which are a priori diffuse and heterogeneous to form a proposal which can be understood by others.</li> <li>• implement a technical dimension : integrate and develop technical and academic knowledge on building to use them as a driver in efficient and sustainable architectural design.</li> <li>• form a body of architectural knowledge : find references which, by analogy, open the way for other interpretations of the context.</li> </ul> <p>The Issues in Architecture: Heritage andMemory unit is also designed to prepare for the specialised Master's degree in heritage restoration as well as the multi-disciplinary approach that students will encounter from their very first project.</p> <p>1 <b>More specifically</b>, the knowledge that students will gain from <b>Module B 'Integration project'</b> covers the following skills: <b>Building Archaeology</b></p> <p>By the end of this course, students will be able to</p> <ul style="list-style-type: none"> <li>• develop a methodology for observing materials, how they are used and superposed, to establish whether construction is homogeneous or not, the ordering of work over time, to be able to establish the relevance of prior studies to improve knowledge of building, so as establish more effectively the value of what already exists and to make intervention more coherent.</li> </ul> <p><b>Materiality &amp; Architectonic Integration in Heritage Buildings</b></p> <p>By the end of this course, students will be able to</p> <ul style="list-style-type: none"> <li>• choose building techniques and materials to use for a contemporary intervention and to show their relationship with the existing building.</li> <li>• bring objectivity to what they are doing based on a critical analysis of the work and/or achieving the benchmarks.</li> </ul>

	<p><b>Technique &amp; Comfort</b></p> <p>By the end of this course, students will be able to</p> <ul style="list-style-type: none"><li>• understand the thermal behaviour of an existing building and identify the technical options put in place initially to ensure use and comfort.</li><li>• make choices and make use of skills in the framework of a restoration and/or reassignment project requiring the integration of special techniques (HVAC and lighting) in the old building or one of heritage value.</li></ul> <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Faculty or entity in charge	LOCI

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Architecture (Bruxelles)	<a href="#">ARCB2M</a>	8		
Master [120] in Architecture (Tournai)	<a href="#">ARCT2M</a>	8		