

Teacher(s)	Bolle Caroline ;
Language :	French
Place of the course	Tournai
Main themes	<p><b>1. Philosophy of heritage</b></p> <ul style="list-style-type: none"> <li>• Definitions, concepts and issues</li> <li>• Emergence and development of the concept of heritage, conservation, restoration &amp; re-use</li> <li>• Principles for standard setting (critical analysis of charts and other reference documents)</li> <li>• Critical approach to concepts of authenticity, reversibility, integrated conservation etc.</li> </ul> <p><b>2. Methodology of prior analyses:</b> mainly archaeology of buildings as it brings together many disciplines to be used in planning relevant projects</p> <p><b>3. Restoration techniques of old and modern architecture</b></p> <p><b>4. Heritage and architectural design</b></p>
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p><b>Specific learning outcomes:</b> By the end of the course, students will be able to</p> <ul style="list-style-type: none"> <li>• understand and critically assess the fundamental references and principles on the subject of "heritage philosophy".</li> <li>• make use of the main methods for investigating heritage buildings and to make a case for the choice of which specific prior analyses to be used.</li> <li>• be familiar with the main points in the development of traditional techniques for the shell of a building (masonry and roof).</li> <li>• observe with precision, describe, interpreter and put forward the general phasing of a built structure</li> <li>• understand the essential role of interdisciplinarity for analysis, putting forward proposals for intervention and implementation.</li> <li>• identify the main pathologies, attempt to understand the causes and put forward proposals for intervention.</li> <li>• be familiar with the main contemporary restoration methods and techniques for the shell of a building and to direct the choice towards the appropriate technique(s), taking account of economic, energy and environmental issues.</li> <li>• undertake an examination and make proposals on the preservation, restoration and re-use of old buildings.</li> </ul> <p><b>Contribution to the learning outcomes reference framework:</b></p> <p><b>1 Build knowledge of architecture</b></p> <ul style="list-style-type: none"> <li>• Be familiar with and analyse the basic references</li> </ul> <p><b>Place the action</b></p> <ul style="list-style-type: none"> <li>• Recognise, observe and describe the targeted environments and contexts</li> </ul> <p><b>Make use of other subjects</b></p> <ul style="list-style-type: none"> <li>• Seek out other approaches, exchanges of views and ways of enhancing thinking about architecture</li> <li>• Make use of other subjects to ask questions about the design and implementation of an architectural project</li> </ul> <p><b>Use the technical dimension</b></p> <ul style="list-style-type: none"> <li>• Be familiar with and describe the main technical principles of building</li> <li>• Observe and assess the main construction principles of a building</li> </ul> <p><b>Adopt a professional attitude</b></p> <ul style="list-style-type: none"> <li>• Act as an independent player able to understand the framework of his/her mission, and the responsibilities towards third parties</li> <li>• Listen to and identify the different needs and points of view of the different stakeholders to be able to bring these together in respect of the desired objectives</li> </ul>

	<p><b>Make committed choices</b></p> <ul style="list-style-type: none"> <li>• Develop awareness of the political meaning of the work of an architect and his/her responsibility towards society</li> </ul>
Evaluation methods	Dossier to be handed in (group work) and individual written examination
Teaching methods	Ex-cathedra courses and practical exercises
Content	<p><b>General introduction</b>                      General presentation of the course (objectives, challenges, expectations, assessment methods)                      Notions of heritage in relation to sustainable development</p> <p><b>1. How to approach a building in need of restoration or conversion:</b></p> <p><b>1.1 General terminology (elevations, frameworks, roofs, etc.)</b></p> <p><b>1.2 Approach and preliminary analysis of buildings</b></p> <p>1.2.1 Methodology for preliminary studies (building archaeology)</p> <p>1.2.2 Sanitary analysis/pathologies</p> <p><b>2. Why conserve, restore, repurpose?</b></p> <p><b>2.1 Conservation/restoration "philosophy"</b></p> <p>2.1.1 Definitions, concepts and issues</p> <p>2.1.2 Emergence and evolution of the notion of heritage (of heritages), conservation, restoration/contemporary issues</p> <p>2.1.3 From principles to normative action (analysis of charters and other reference documents)</p> <p>2.1.4 Critical approach to notions of authenticity, reversibility...</p> <p><b>2.2 Reassignment and integrated conservation: case studies</b></p> <p><b>3. How to restore &amp; reassign?</b></p> <p><b>3.1 The restoration-repurposing project: theory</b></p> <p>3.1.1 Restoration techniques for historic architecture</p> <p>3.1.2 Specific aspects of restoring modern architecture</p> <p>3.1.3 Restoration and repurposing of industrial heritage</p> <p>3.1.4 Heritage and architectural creation</p> <p><b>3.2 Preliminary studies and the restoration-repurposing project for the choir of Tournai Cathedral: proposals and avenues for reflection</b></p> <p><b>Conclusions</b></p>
Bibliography	<p>BOLLE C., COURA G. &amp; LEOTARD J.-M. (dir.), 2014. <i>L'archéologie des bâtiments en question, un outil pour les connaître, les conserver et les restaurer</i>, Actes du Colloque international, Université de Liège, les 10 et 11 novembre 2010, Namur (études et Documents, Archéologie, 35).</p> <p>BRANDI C. 1963. <i>Teoria del restauro</i>, Edizioni di Storia e Letteratura (Trad. Française "Théorie de la restauration" par Déroche C., Centre des Monuments nationaux/Monum, Editions du Patrimoine).</p> <p>CHOAY F., 1992. <i>L'allégorie du Patrimoine</i>. Paris. Le Seuil.</p> <p>CHOAY F., 2006. <i>Pour une anthropologie de l'espace</i>. Paris, Seuil, la Couleur des idées.</p> <p>CHOAY F., 2009. <i>Le Patrimoine en questions. Anthologie pour un combat</i> Paris, Seuil, la Couleur des idées.</p> <p>HOUBRECHTS D., 2008. <i>Le logis en pan-de-bois dans les villes du bassin de la Meuse moyenne (1450-1650), Dossier de la Commission royale des Monuments, Sites et Fouilles</i>, 12, Liège.</p> <p>HOFFSUMMER P., 1999. <i>Les charpentes de toitures en Wallonie. Etudes et documents, série Monuments et Sites</i>, 1. Ministère de la Région Wallonne, Direction Générale de l'Aménagement du Territoire, du Logement et du Patrimoine.</p> <p>HOFFSUMMER P. &amp; EECKHOUT J. (dir.), 2008. <i>Matériaux de l'architecture et toits de l'Europe : mise en œuvre d'une méthodologie partagée</i>, Namur (<i>Les dossiers de l'IPW</i>, 6).</p> <p>ICOMOS, 2011. <i>Gestion du Patrimoine mondial</i>, Thema &amp; Collecta, 1.</p> <p>PARRON-KONTIS I. &amp; REVEYRON N. (éd.), 2005. <i>Archéologie du bâti. Pour une harmonisation des méthodes</i>. Actes de la table ronde 9 et 10 novembre 2001, Musée archéologique de Saint-Romain-en-Gal (Rhône), Paris, Errance.</p> <p>PEROUSE DE MONTCLOS J.-M., 2011. <i>Architecture, description et vocabulaire méthodiques</i>, éditions du Patrimoine, 665 p.</p> <p>RIEGL AL., 1903. <i>Der moderne Denkmalkultus</i>, Vienne. (Trad. Française par D. Wiczorek, 1984. <i>Le culte moderne des monuments</i>, Paris, Le Seuil ou Trad. Française par J. Boulet, 2003. <i>Le culte moderne des monuments. Sa nature, son origine</i>, Paris, Esthétiques, 123 p.)</p>
Other infos	<a href="#">English-friendly course</a> : course taught in French but offering facilities in English.
Faculty or entity in charge	LOCI

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Architecture (Tournai)	ARCT1BA	3		