ltarc1366

2018

Heritage: restoration and reuse of built heritage

3 credits	30.0 h	Q2

Teacher(s)	Bolle Caroline ;Gochet Bernard (compensates Bolle Caroline) ;
Language :	French
Place of the course	Tournai
Main themes	**1. Philosophy of heritage** • Definitions, concepts and issues • Emergence and development of the concept of heritage, conservation, restoration & re-use • Principles for standard setting (critical analysis of charts and other reference documents) • Critical approach to concepts of authenticity, reversibility, integrated conservation etc. **2. Methodology of prior analyses**: mainly archaeology of buildings as it brings together many disciplines to be used in planning relevant projects **3. Restoration techniques of old and modern architecture** **4. Heritage and architectural design**
Aims	**Specific learning outcomes:** By the end of the course, students will be able to • understand and critically assess the fundamental references and principles on the subject of "heritage philosophy". • 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. • be familiar with the main points in the development of traditional techniques for the shell of a building (masonry and roof). • observe with precision, describe, interpreter and put forward the general phasing of a built structure • understand the essential role of interdisciplinarity for analysis, putting forward proposals for intervention and implementation. • identify the main pathologies, attempt to understand the causes and put forward proposals for intervention. • 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. • undertake an examination and make proposals on the preservation, restoration and re-use of old buildings. **Contribution to the learning outcomes reference framework:** **Build knowledge of architecture** • Be familiar with and analyse the basic references **Place the action** • Recognise, observe and describe the targeted environments and contexts **Make use of other subjects** • Seek out other approaches, exchanges of views and ways of enhancing thinking about architecture • Make use of other subjects to ask questions about the design and implementation of an architectural project **Use the technical dimension** • Be familiar with and describe the main technical principles of building • Observe and assess the main construction principles of a building **Adopt a professional attitude** • Act as an independent player able to understand the framework of his/her mission, and the responsibilities towards third parties • 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 **Make committed choices**

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	• Develop awareness of the political meaning of the work of an architect and his/her responsibility towards society - - - - *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".*
Evaluation methods	Written examen.
Teaching methods	• Lectures, conferences • visit(s), workshop • practical exercises
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in architecture (Bruxelles)	ARCB1BA	3		🔍
Bachelor in Architecture (Tournai)	ARCT1BA	3		🔍