UCL Université catholique de Louvain

LICAR1811

2015-2016

Construction [30h]

3.0 credits	30.0 h	1q

Teacher(s) :	Van Oost Nicolas ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	*The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.*
Main themes :	The course will describe and analyze the principal types of junctions: 1) between structures, 2) between structures and materials, 3) between different materials, which are called for in building construction. The course will study the characteristics and construction methods for assemblies, nodes, joints, articulations in the building construction. The course will address the specific methods of detail design development and building finishing techniques. Different methods will be studied for their implications in terms of tectonic poetics. The course will be based on case studies: exemplary works or buildings from history or the contemporary period, or more ordinary or common buildings.
Aims :	By the end of this course, students will be able to: Understand the solidarity between structures and construction materials, Begin designing articulations and joints between different structures, different materials: assemblages, articulations, nodes, joints, etc., Know the broad groups of technical construction details, Design a "classic" construction detail, Know several important construction methods from historical examples or contemporary situations. *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".*
Content :	/
Other infos :	AUCE 1701 Structures à construire AUCE 1702 Matières à construire
Faculty or entity in charge:	LOCI

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Engineering : Architecture	ARCH1BA	3	LICAR1701 **and** LICAR1801	