UCL Université catholique de Louvain

LICAR1604

2015-2016

Design Studio 4 : City and Edifice [75h]

5.0 credits	75.0 h	2q

Teacher(s) :	Gilot Christian ;
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 :	A further cumulative experience of architectural design. A question is posed: Either the city as a background for the edifice, an unavoidable horizon. Or the city as a constitutive element of the city itself. Or both of these as inseparable and in complete synthesis. The way of posing the question will allow students to understand and analyze a complex spatial structure (the city) while integrating historical, spatial and cultural determinants of dwelling (the edifice) and their implications in the urban milieu and the built environment, including the realization of technical details. The studio will include a theoretical introduction and a presentation of analyzed references that may serve as a support for evaluation of the project. Questions of topography and hydrography, climate, socioeconomic context, urban context, siting constraints and logics, density and demography, property divisions, transport and circulation, planning envelopes and silhouettes, civic and domestic programs, etc., will be addressed.
Aims :	By the end of this course, students will be able to: Describe and analyze a complex spatial structure, understand it in terms of landscape, its historical determinations and its practical logics. Evaluate the potential of a site and formulate the questions asked of it by the program. Understand the role of design in a milieu that is loaded with spatial, cultural and social determinations. Evaluate the impact of a decision. Associate the articulations of program, spaces and construction down to the technical details of structural pre-dimensioning. Practice taking account of physical and technological processes belonging to the realization of simple programs (loading, building envelope, waterproofing, insulation, etc.) *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 :	Studios 1 and 2
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	5	LICAR1601	