

3.0 credits	30.0 h	1q
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Teacher(s) :	Van Oost Nicolas ;
Language :	Français
Place of the course	Louvain-la-Neuve
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. <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>
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Other infos :	AUCE 1701 Structures à construire AUCE 1702 Matières à construire
Cycle and year of study :	> Bachelor in Engineering : Architecture > Bachelor in Information and Communication > Bachelor in Philosophy > Bachelor in Computer Science > Bachelor in Economics and Management > Bachelor in Human and Social Sciences > Bachelor in Sociology and Anthropology > Bachelor in Political Sciences: General > Bachelor in History of Art and Archaeology : General > Bachelor in Mathematics > Bachelor in History > Bachelor in Engineering > Bachelor in Religious Studies
Faculty or entity in charge:	LOCI