

3.0 credits	30.0 h	2q
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Teacher(s) :	De Herde André ; Zastavni Denis ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	<p>The course will describe and analyze the principal types of construction materials available to architectural design.</p> <p>The course will study the physical characteristics of different materials, with an accent on the objective parameters necessary to distinguish them, notably in regard to their use in building construction.</p> <p>Materials chemistry will be evoked, tracing common transformations (corrosion, ageing, and other alterations) to which materials are subject.</p> <p>Technological properties will be studied in relation to the "poetics" of construction.</p> <p>The course will be largely based on case studies: buildings or works that are of interest either for their exceptional or exemplary character, or on the contrary in order to show typical practice and performance.</p>
Aims :	<p>By the end of this course, students will be able to:</p> <p>Develop an initial understanding of the major construction materials available to architectural design</p> <p>Understand through the senses and through experimentation the physical properties of each material,</p> <p>Understand the potential and qualities of each material insofar as each may contribute to inhabitable places</p> <p>Link each material with building types belonging to history or to the contemporary situation.</p> <p><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></p>
Content :	:
Other infos :	:
Cycle and year of study :	<p>> Bachelor in Engineering : Architecture</p> <p>> Bachelor in Engineering</p> <p>> Bachelor in Psychology and Education: General</p> <p>> Bachelor in Information and Communication</p> <p>> Bachelor in Philosophy</p> <p>> Bachelor in Computer Science</p> <p>> Bachelor in Economics and Management</p> <p>> Bachelor in Human and Social Sciences</p> <p>> Bachelor in Sociology and Anthropology</p> <p>> Bachelor in Political Sciences: General</p> <p>> Bachelor in History of Art and Archaeology : General</p> <p>> Bachelor in Mathematics</p> <p>> Bachelor in History</p> <p>> Bachelor in Religious Studies</p>
Faculty or entity in charge:	LOCI