

3.0 credits	15.0 h + 15.0 h	2q
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Teacher(s) :	Cap Jean-François ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	This course introduces the main features of commonly used construction materials.
Aims :	Knowledge of materials used in civil engineering structures <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>
Content :	<ul style="list-style-type: none"> - Structure and nature of materials - Mechanical properties of materials (stress-strain relations, elastic behaviour, elastoplastic behaviour, ...) - Nonmechanical properties of materials (density, thermal expansion, surface characteristics, ...) - Laboratory tests on concrete, steel, and wood. - Production considerations and economical factors.
Other infos :	Naught
Cycle and year of study :	> Master [120] in Architecture and Engineering > Bachelor in Engineering > Bachelor in Engineering : Architecture
Faculty or entity in charge:	GC