UCLouvain

larct1005

2025

Simple Constructions

3.00 credits	30.0 h	Q1

This biannual learning is being organized in 2025-2026

Language :	French
Place of the course	Tournai
Main themes	This course provides experiential learning (*Faire penser & penser le faire*) focused on designing and constructing a sustainable, empirical building element. Constructions simples emphasizes the use of eco-responsible materials and techniques accessible to non-specialists, promoting an inclusive approach to architecture. The architect's design tools acquire new meaning when applied to full-scale realizations. The course fosters experimentation while requiring students to develop the organizational and collaborative mechanisms essential to the architectural profession.
Learning outcomes	**At the end of this learning unit, the student is able to :** **Specific Learning Outcomes** By the end of this course, students will be able to: · Experiment the logic of designing and building an architectural element, · Investigate the economy of materials and means in the design process of an architectural element, · Propose a logical construction strategy for an architectural element that effectively meets human needs, · Explain how materials behave in relation to their environment, implementation and use, · Use the architect's specific design tools to produce the documents required for the execution of an architectural element, · Discuss the influence of ecological issues on the design and execution of architectural elements, · Propose and use different modes of collaboration and organization in the design and realization of an architectural element. **General Learning Outcomes** In line with the program's learning outcomes (LOs), this course contributes to the development and acquisition of the following LOs: · LO1.3 Design spaces conducive to the well-being of both human and non-human occupants. · LO1.4 Compose the material elements of a construction or development. · LO1.5 Creatively compose a project. · LO1.6 Incorporate Sustainable Development requirements into the design process, at multiple scales. · LO2.1 Acquire and proficiently apply the conventions of representation in two and three dimensions. · LO2.4 Proficiently illustrate construction logics. · LO3.2 Acquire and explain the construction and technical processes related to architecture. · LO3.3 Acquire and apply scientific and technical knowledge to realize an architectural project. · LO5.2 Organize individual or collective work attentively and inclusively. · LO5.3 Advocate for exemplary architecture in light of Sustainable Development requirements.
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Architecture (Bruxelles)	ARCB1BA	3		🔍
Bachelor in Architecture (Tournai)	ARCT1BA	3		🔍