UCLouvain

larct2112

2026

Architectural Design Studio 4: Deepening

20.00 credits	240.0 h	Q1 and Q2

Teacher(s)	Blanckaert Ludovic ;Boghaert Christoffel ;Bourez Olivier ;De Alzua Jerome ;Weiss Emmanuelle ;
Language :	French
Place of the course	Tournai
Main themes	The Architectural Design Studio 4 aims to enable students to engage in an iterative, reflective, and autonomous process of inquiry in the design of an architectural project. Understanding the complexities of the discipline requires an interdisciplinary approach, with an emphasis on teamwork among peers. The studio addresses questions across multiple scales, from territory to the 'room' and vice versa, aiming to synthesize these into a sustainable, eco-responsible architectural project. The complexity of the project lies in integrating a wide range of parameters: • Adequacy at multiple scales, considering aspects such as habitat (ergonomics, comfort, functionality, volumetric relationships), • Constructive elements, including structure, detailing, and technical systems. This complexity allows students to demonstrate the maturity of their architectural thinking. The extended timeframe of the M1 studio supports the development of a specific line of inquiry, whether through an original question, a particular methodological approach, or a detailed exploration of the project's concrete aspects.
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 carry out an architectural project informed by theoretical research on a given problem, demonstrating the autonomy to apply their knowledge to the project. Specifically, students will be able to: • Identify and analyze a context across various environmental scales, generating qualitative data from the territorial scale to the 'room' scale and vice versa, • Plan a strategic project approach by breaking down the complexity of societal and environmental contexts in relation to a chosen argument, • Develop natural and artificial environments (landscape, urban, building) to design a project approach addressing different scales of complexity, • Creatively explore graphic representations of a project to effectively communicate and make accessible project intentions. **General Learning Outcomes** In line with the program's learning outcomes (LOs), this course contributes to the development and acquisition of the following LOs: • LO1.2 Justify the intentions and choices of an architectural project at different intervention scales. • LO1.3 Artfully compose spaces conducive to the well-being of both human and non-human occupants. • LO1.4 Compose the material elements of a construction or development with artistry. • LO1.5 Creatively compose a project with skill. • LO1.6 Integrate Sustainable Development requirements into the design process, at multiple scales. • LO2.1 Inventively master and apply the conventions of representation in two and three dimensions. • LO3.1 Understand and apply the physical and physiological principles related to architecture. • LO3.2 Understand and apply the construction and technical processes related to architecture. • LO3.3 Understand and integrate scientific and technical knowledge to realize an architectural project. • LO3.4 Understand and assess the environmental, social, and economic consequences of construction and technical choices. • LO5.4 Advocate for and act in favor of exemplary architecture in light of Sustainable Development requirements.
Evaluation methods	This activity is subject to continuous weekly assessment, assessment during intermediate pre-juries and a final jury. In accordance with Article 78 of the General Regulations for Studies and Examinations, the final assessment (jury) will only be held once. It will therefore not be possible to retake this teaching unit during the September session. This is because the teaching unit is subject to continuous assessment with a single overall mark. These continuous assessments take the form of partial assessments, which are organised outside the assessment periods during the session according to a specific timetable that is distributed at the beginning of the academic year.

Teaching methods	The teaching methods are those used in architecture workshops. Put simply, it involves learning by working on architectural projects. Methodologically, this workshop will draw on, among other things, uses, technical and constructional aspects in the development of the project in order to show how they can inspire design.
Content	Q7: Guest lecturer exercise Q8: ReUse The theme of this workshop course is in line with contemporary concerns about sustainable development in terms of reusing existing buildings. It will involve surveying, redesigning, renovating, refurbishing, converting, restoring, repurposing, etc. Depending on the circumstances, these buildings may be extended.
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Architecture (Tournai)	ARCT2M	20		