

Teacher(s)	Boulaïoun Abdelmajid ;Thielemans Benoit ;Van de Kerchove Pascale ;
Language :	French
Place of the course	Bruxelles Saint-Gilles
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 : • 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. <u>General Learning Outcomes</u> 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	Throughout the year, students work on designing a project with varying degrees of complexity. Learning is progressive and cumulative throughout this project. Learning outcomes are assessed on three occasions, weighted by continuous assessment at each stage: 30% for exercises 1 and 2 in semester 7 and 70% for exercise 3 in semester 8. The assessment of the different stages results in a single grade. A formative (rather than certificative) assessment method may be used as part of the student's continuing education (specific assessments, linked to the assessment criteria specific to each exercise and each stage of the project).
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Architecture (Bruxelles)	ARCB2M	20		