

Language :	French
Place of the course	Bruxelles Saint-Gilles
Main themes	Each course in the Travail de fin d'étude (TFE, master's thesis) domain addresses themes and methods related to the domains of Edification, Habitat and Society, History and Theory, and Territory. These domains naturally intersect with three longitudinal issues: Sustainability, Heritage, and Digitalization. The objective of this course is to finalize the master's thesis. At the conclusion of the Master's program, the master's thesis represents an original synthesis IN and ON architecture, integrating project work and theoretical reflection around a personal research question rooted in a shared problem framework.
Learning outcomes	At the end of this learning unit, the student is able to : • Meet standard scientific criteria, including articulating a situated problem (state of the art, corpus of references), communicating effectively in a scientific format (bibliography, footnotes, iconographic captions, spelling, and syntax), and identifying directions for future research (broadening the conclusion), • Reflect on space, time, and materiality, • Think across multiple scales, • Use various architectural media (plans, sections, models, drawings, axonometric views, perspectives, diagrams, videos, writings, etc.), • Propose scenarios and relevant visions that integrate humans and their environments into their designs (projects, scenarios, strategies), • Demonstrate conceptual and critical autonomy, supported by the depth of their LOCI academic journey ('I'm ready to be an architect and here's why'). At the end of this course, students will be able to: • Support a research and project-based inquiry process, • Develop a project to its full completion, • Summarize key issues and critically revisit them. <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: • LO1.1 Prioritize the parameters and issues of a given situation. • 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. • LO2.2 Inventively depict an architectural concept. • LO2.4 Inventively illustrate construction logics. • LO2.6 Proficiently depict environmental, social, and economic phenomena. • 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. • LO4.1 Understand and mobilise the concepts and methods of scientific disciplines. • LO4.3 Understand and integrate the content of other artistic or scientific disciplines to enrich the architectural project. • LO4.4 Understand and assess the environmental, social, and economic consequences of architectural choices. • LO5.1 Act in full awareness of one's responsibilities. • LO5.2 Communicate attentively, inclusively, and effectively with the various stakeholders of the architectural project. • LO5.3 Organize individual or collective work attentively, inclusively, and effectively. • LO5.4 Advocate for and act in favor of exemplary architecture in light of Sustainable Development requirements. • LO6.1 Acquire and rigorously apply disciplinary, interdisciplinary, or transdisciplinary methods of scientific research. • LO6.2 Formulate a research question and define a research subject in and on architecture. • LO6.3 Present the results of research within and about architecture while adhering to the conventions of scientific communication.

	• LO6.4 Incorporate the requirements of sustainable development into the research process: question, body of work, and scientific monitoring. This course aligns with the profile of a Master of Architecture graduate: Upon completing the Master's program, graduates will possess the ability to design architectural projects that are environmentally, economically, and socially sustainable. With a strong sense of responsibility, they will make deliberate and ethical choices to create spaces that foster harmonious coexistence between humans and other living beings. Graduates will have acquired the necessary knowledge and skills to practice architecture professionally and to engage in scientific research.
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	15		