

Teacher(s)	Gobbo Emilie ;Grosjean Benedicte ;Llaguno Maider ;Pleitinx Renaud ;Salembier Chloé ;Vanhamme Catherine ;
Language :	French
Place of the course	Tournai
Main themes	<p>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.</p> <p>Objective: Define the domain, establish the supervisory committee, and frame the TFE.</p> <p>Building on the transversalities of the Bachelor's program, this course immerses students in research topics, particularly those related to project-based research. It clarifies the stakes of academic research, deepens methodological approaches, and initiates the development of a research project linked to the architectural design process, culminating in the formulation of a personal research question.</p> <p>Students undertake iterative work between their state of the art ON architecture and project intentions IN architecture:</p> <ul style="list-style-type: none"> • Define the research question, domain, and general objectives, • Begin state-of-the-art analysis of the question and context, • Identify the contribution to be made by the TFE. <p>This course demands significant autonomy, as students progressively explore a research topic tied to the architectural project, starting from a personal question. Students are also expected to critically evaluate the projects of peers addressing similar issues, fostering collaborative discourse.</p>
Learning outcomes	<p>At the end of this learning unit, the student is able to : <u>Specific Learning Outcomes</u></p> <p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • Develop skills in writing a scientific paper, including the ability to use relevant architectural databases and adhere to proper citation rules for bibliographic references, • Familiarize themselves with various research approaches and methods with a strategic focus, including stages, planning, writing structure, and the components of a TFE, • Identify the means of articulation to be implemented in their ON&IN architectural proposal, • Select the most appropriate data-gathering strategy to address the challenges of the subject and the specific theme it encompasses, effectively defining their research method, • Formulate a structured research question based on a clearly defined field of study, • Justify the composition of a supervisory committee by identifying the relevance and expertise of each member in relation to their subject. <p><u>General Learning Outcomes</u></p> <p>In line with the program's learning outcomes (LOs), this course contributes to the development and acquisition of the following LOs:</p> <ul style="list-style-type: none"> • LO1.1 Prioritize the parameters and issues of a given situation. • 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. • LO5.3 Organize individual or collective work attentively, inclusively, and effectively. • 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. • LO6.4 Incorporate the requirements of sustainable development into the research process: question, body of work, and scientific monitoring.
Evaluation methods	continuous assessment AND main presentation in June session!

Teaching methods	Scientific procedures and methods will be the subject of presentations followed by independent exercises.
Content	<p>Objective: Define the domain, establish the supervisory committee, and frame the TFE.</p> <p>Building on the transversalities of the Bachelor's program, this course immerses students in research topics, particularly those related to project-based research. It clarifies the stakes of academic research, deepens methodological approaches, and initiates the development of a research project linked to the architectural design process, culminating in the formulation of a personal research question.</p> <p>Students undertake iterative work between their state of the art ON architecture and project intentions IN architecture:</p> <ul style="list-style-type: none"> • Define the research question, domain, and general objectives, • Begin state-of-the-art analysis of the question and context, • Identify the contribution to be made by the TFE. <p>This course demands significant autonomy, as students progressively explore a research topic tied to the architectural project, starting from a personal question. Students are also expected to critically evaluate the projects of peers addressing similar issues, fostering collaborative discourse</p>
Inline resources	moodle
Bibliography	voir moodle
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	8		