UCLouvain

larcb2280

2026

Transversality In and On Architecture, tools and methods : Developing Your Research

4.00 credits	20.0 h	Q1

Teacher(s)	Bulté Marie-Hélène ;Burquel Pierre ;Chanvillard Cécile ;Descheemaeker Basil ;Gillis Christophe ;Salembier Chloé ;
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 facilitate the development of the Master's thesis, for which an initial framework was established in the first year of the Master's program. During this term, students will focus on developing their personal research project as preparation for the TFE: • Conducting data collection, fieldwork, surveys, and mapping, • Analyzing references and formulating project hypotheses. Building on their fieldwork and the personal question they have developed, students will be guided toward gradually refining and articulating a specific architectural question.
Learning outcomes	**At the end of this learning unit, the student is able to :** • Apply a research method by detailing the avenues to be explored within the context of the chosen subject, • Complete the inventory of knowledge related to the question posed, • Develop and articulate the key issues related to the TFE topic, considering the contemporary context and the state of the art, • Adopt a reflexive and critical perspective to formalize the working hypotheses for the TFE topic, ensuring they are both in on architecture. This involves constructing an argument that is terminologically precise and oriented toward an architectural project as the culmination of the Master's program, • Prioritize project hypotheses, • Demonstrate the articulation of chosen project hypotheses in relation to the posed problem. **General Learning Outcomes** In line with the program's learning outcomes (LOs), this course contributes to the development and acquisition of the following LOs: • LO1.1 Prioritize the parameters and issues of a given situation. • LO1.2 Justify the intentions and choices of an architectural project at different intervention scales. • 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 awareneness 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.

Evaluation methods	The assessment of learning outcomes takes the form of a final submission, weighted by continuous assessment. The assessment of successive assignments results in a single grade. The assessment covers: - Formative and continuous assessment throughout the term of students' seminar work and presentations - Certification assessment of the final assignment. The teaching team reserves the right to invite external members to participate in the final assessment. These members are authorised to assess the students for the part of the work presented to them.
Teaching methods	The teaching unit consists of: - Seminar sessions supervised by the co-lecturers on research, data collection and information sharing related to their research question. The research is carried out independently by the students. - The seminars are supplemented by introductory presentations by the co-lecturers and presentations by the students on their work in progress. The co-lecturers are all involved in the overall coordination of the activity (content and procedures).
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	4		