


5.00 credits

50.0 h

Q2

| | |
|-----------------------------|---|
| Teacher(s) | Pleitinx Renaud ;Van Overstraeten Eric ; |
| Language : | French |
| Place of the course | Tournai |
| Main themes | This course provides a critical exploration of contemporary architecture through transversal themes such as sustainability, ecology, and the digitalization of reality. |
| 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"> • Understand, compare, and critique the intellectual frameworks that have shaped critical reinterpretations of modern architecture and its theoretical foundations, • Trace the history of key ecological and digital theories in relation to architecture, including their origins, development, and reception, • Analyze and evaluate the interactions between architecture, ecology, and digital technologies, • Critique contemporary architectural projects by integrating theoretical and ethical perspectives explored in the course. <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. • LO1.2 Justify the intentions and choices of an architectural project at different intervention 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. • LO3.4 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. • LO4.4 Understand and assess the environmental, social, and economic consequences of architectural choices. • 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. |
| Bibliography | GIEDION (Siegfried), <i>Espace, Temps, Architecture</i> , Denoel, (1ère édition 1941) FRAMPTON (Kenneth), <i>L'Architecture moderne Une histoire critique</i> , Thames & Hudson, Londres, (1ère édition 1980) CURTIS (William J.R.), <i>L'architecture moderne depuis 1900</i> , Phaidon, Paris, (1ère édition 1996) |
| 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 | 5 | |  |