UCLouvain

lbarc2080

2024

Question d'architecture : architecture et numérique - Partie A : conceptions numériques : processus génératifs

8.00 credits	90.0 h	Q1

This biannual learning is being organized in 2024-2025

Teacher(s)	Claeys Damien ;Llaguno Maider ;
Language :	French
Place of the course	Bruxelles Saint-Gilles
Learning outcomes	
Evaluation methods	Students are assessed as a group: • group formative evaluation during the 1st pre-jury; • group formative evaluation during the 2nd pre-jury; • group certification assessment in session during the presentation of the final work.
Teaching methods	For 10 weeks, one day of courses per week using a mixed pedagogical systems (alternating theoretical courses, seminar sessions, workshop sessions and work in autonomy). During the examination session, a jury is organized to evaluate the final work.
Content	In 2024-2025, the topic is 'generative curiosities'. Starting from a personal scenario and without entering into advanced technical considerations, students are challenged, in groups, to establish a generative structure, coevolving with a context, that can accommodate up to one hundred spatial units. In other words, the students have to find a parallelism – an analogy! – between the law of evolution (growth/multiplication) of an organism in its environment and the generation of a project in its context. The teaching unit proposes to the student to acquire a process logic - analog and digital - by reflectively developing an architectural design process. The proposed themes are opportunities to question the global evolution of the world in the 21st century and more particularly the theories, methods and practices of architectural projection and representation from the moment that the new information and communication technologies (NICTs) are no longer new and inevitably influence these design processes. The course will also be an opportunity to acquire skills for which developments in artificial intelligence will not be able to replace architects.
Faculty or entity in charge	LOCI

Université catholique de Louvain - Question d'architecture : architecture et numérique - Partie A : conceptions numériques : processus génératifs - en-cours-2024-lbarc2080

Programmes containing this learning unit (UE)						
Program title	Acronym	Credits	Prerequisite	Learning outcomes		
Master [120] in Architecture (Tournai)	ARCT2M	8		٩		
Master [120] in Architecture (Bruxelles)	ARCB2M	8		•		