




This biannual learning unit is not being organized in 2018-2019 !

Teacher(s)	Faux Pascaline ;Laloux Olivier ;Wittevrongel Bernard coordinator ;
Language :	French
Place of the course	Tournai
Main themes	<ul style="list-style-type: none"> • Finding and clarification of the principles which link architecture to its formal, material and temporal dimension • Understanding of the behaviour of complex structures • Exploration of the creative and innovative dimensions of structures • Integration of data on structure, construction and facilities in an architectural project
Aims	<p>Specific learning outcomes</p> <p>1st part</p> <p>Students will find out and clarify the principles which link architecture to its formal, material and temporal dimension.</p> <p>Students will be able to</p> <ul style="list-style-type: none"> • make links with the theory, i.e. advance their understanding and develop new knowledge. • use resources, i.e. make strategic use of available information to make new representations and express global ideas to be able to identify and bring together all the different architectural dimensions. <p>It is thus a transdisciplinary approach in which students are required to produce knowledge and play an active part their own learning.</p> <p>2nd part</p> <p>Students will gain intuitive understanding of the behaviour of structures which culminates in a production judged to be creative, innovative or inventive. This creative process is based on a dialogue and on an "open intuition" leading to the formulation of hypotheses which respond to a certain number of parameters which are either given or introduced by students. Students are put in the situation of a "structure designer". Skills are acquired through exploration of the material dimension of architecture, encompassing structure and geometry, materials and construction.</p> <p>Contribution to the learning outcomes reference network:</p> <p>Test an artistic approach</p> <p>1</p> <ul style="list-style-type: none"> • To imagine drivers which can transform the perception of what is real <p>Build knowledge of architecture</p> <ul style="list-style-type: none"> • Be familiar with and analyse the discipline's basic references • Develop knowledge and become an active participant in the learning process <p>Make use of other subjects</p> <ul style="list-style-type: none"> • Make strategic use of other subjects to put into question the design and implementation of an architectural project <p>Use the technical dimension</p> <ul style="list-style-type: none"> • Be able to apply the various basic technical principles in producing a work of architecture • Acquire an instinctive understanding of structures to use in producing a creative and/or innovative work of architecture <p>Adopt a professional attitude</p> <ul style="list-style-type: none"> • Test and observe the framework of professional practice and to architectural knowledge through independent involvement <p>Make committed choices</p> <ul style="list-style-type: none"> • Activate and develop an ethical sense through approaches to architecture

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Evaluation methods	<ul style="list-style-type: none"> • Architectural design. • Notebook.
Teaching methods	<ul style="list-style-type: none"> • Lectures. • Architecture workshop. • Personal research.
Inline resources	The slideshows and the documents are available on moodle.
Bibliography	<ul style="list-style-type: none"> • Andrea Deplazes, Construire l'architecture, Birkhauser, Kenneth Frampton: Studies in Tectonic Culture, MIT Press, Cambridge, London, 1996. • Mohsen Mostafavi, Structure as Space, AA editions, 2006, London. • Luisa Collina : Process and pattern in architecture and design, Silvana, 2016, Milano.
Faculty or entity in charge	LOCI

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