

8 credits	120.0 h	Q2
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Teacher(s)	Bourez Olivier ;Van Oost Nicolas ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	Extension of, and additional cumulative experience in, developing a design approach. The design question is not given. A theme is proposed, and students must develop a position. According to the proposed theme, students work in groups on a preparatory analysis: definition of a site, a programme, and identification of the theoretical questions raised by the theme. Design work thereafter is individual. The way in which the theme is posed should guarantee a plurality of approaches and the potential for an architectural realisation at appropriate scales: site plan, overall plan at 1/2000, 1/1000, 1/500; plans, sections, elevations at 1/200, 1/100, 1/50; details and profiles at 1/20, 1/10, 1/5, 1/2; models and perspectives. This work will emphasize manual and computer-aided drawing skills developed thus far in the study programme.
Aims	<p>By the end of the course, students will be able to: Define the questions that come before the programming stage. Identify the references and disciplinary resources necessary for the project. Develop and formulate a specific programme, appropriate to the context. Bring a programme and a site into mutual coherence through design work. Produce a synthetic view of landscape, historical, institutional, urban and technical dimensions via the project. Prepare a full project presentation.</p> <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Content	/
Bibliography	<p>CHRIST, Emmanuel, Christoph GANTENBEIN et Victoria EASTON (2012). Typology: Hong Kong, Rome, New York, Buenos Aires, Park Books.</p> <p>CHRIST, Emmanuel, Christoph GANTENBEIN et Victoria EASTON (2015). Typology: Paris, Delhi, São Paulo, Athens: ETH Zu'rich.</p> <p>EBNER, Peter et coll. (2010). Typology +, Basel.</p> <p>FRENCH, Hilary, 100 logements collectifs du XXè siècle, plans, coupes et élévations, Le Moniteur, 2009.</p> <p>GAMEREN, Dick et coll. (2011). DASH: The Residential Floor Plan Standard and Ideal / De Woningplattegrond Standaard en Ideaal, Distributed Art Pub Inc.</p> <p>HECKMANN, Oliver et Friederike SCHNEIDER (2011). Floor Plan Manual: Housing: Birkhäuser.</p> <p>LEDENT, Gérald (2014). Potentiels Relationnels. L'aptitude des dispositifs physiques de l'habitat à soutenir la sociabilité. Bruxelles, le cas des immeubles élevés et isolés de logement, Louvain-la-Neuve: UCL.</p> <p>LEUPEN, Bernard et coll. (2011). Housing Design: A Manual: Distributed Art Pub Incorporated.</p> <p>SCHNEIDER, Friederike (2007). Recueil de plans d'habitation, Berlin: Birkhäuser.</p> <p>STEINEMANN, Ramias (2008). Global Housing Projects Since 1980: 25 Buildings Since 1980: ACTAR COAC ASSN OF CATALAN ARC.</p>
Other infos	Other information (Prerequisites, Evaluation, Support...) 3 design studios
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Engineering : Architecture	ARCH1BA	8	LICAR1601 AND LICAR1602 AND LICAR1603 AND LICAR1604	