

6.00 credits

108.0 h

Q1 and Q2

Teacher(s)	Le Roi Éva ;Perez Perez Manuel ;Piroux Vincent ;Raucent Marie-Christine ;Schmitz David ;
Language :	French
Place of the course	Bruxelles Saint-Gilles
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	<p>This course encourages students to personalize and master the analogical and digital representation tools introduced in BAC1 and BAC2. These tools are essential for visualizing inhabited objects and spaces (natural or built) in three dimensions and representing them in two dimensions.</p> <p>Experimentation with representation tools and methods is driven by students' interests in references from architecture and related disciplines. The tools and media employed foster a critical and reflective stance on modes of representation, the process of expression, their implications, and their environmental impact.</p>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> • Intentionally render, through graphical means, the experience of a projected space, • Cultivate a culture of representation informed by the history of architecture and the arts, • Critically evaluate the tools and methods of representation, • Compose a cohesive set of heterogeneous documents, • Develop an oral, graphic, and written communication strategy aligned with the meaning of the represented object or space, • Organize, plan, develop, and synthesize individual work within the framework of collaborative fieldwork. <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 Identify the parameters and issues of a given situation. • LO2.1 Acquire and proficiently apply the conventions of representation in two and three dimensions. • LO2.3 Proficiently portray spatial experiences. • LO2.5 Proficiently represent a creative process. • LO2.6 Depict environmental, social, and economic phenomena with proficiency. • LO4.2 Learn and experiment with the concepts and approaches of artistic disciplines. • LO4.3 Learn and apply the content of artistic or scientific disciplines to enrich the architectural project. • LO5.1 Communicate attentively and inclusively with the various stakeholders of the architectural project. • LO5.2 Organize individual or collective work attentively and inclusively. • LO5.3 Advocate for exemplary architecture in light of Sustainable Development requirements.
Bibliography	<p>Quelques ouvrages qui initient à l'expression et à la représentation :</p> <p>CHING F.D.K. (2005). <i>Dessin de design architectural</i>. Québec : Thomson.</p> <p>DURAND J.-P. (2003). <i>La représentation du projet. Approche pratique et critique</i>. Paris : La Villette (coll. École d'architecture de Grenoble).</p> <p>FLOCON A. & TATON R. (1963). <i>La perspective</i>. Paris : PUF (coll. Que-sais-je ?).</p> <p>LAPRADE A. (1920-50). <i>Les carnets d'architecture d'Albert Laprade</i>. Paris : Kubik, éd.2006.</p> <p>LEBAHAR J.Ch. (1983). <i>Le dessin d'architecte : Simulation graphique et réduction d'incertitude</i>. Paris : Parenthèses.</p> <p>PAULY D. (2006). <i>Le Corbusier : Le dessin comme outil</i>. Nancy : Fage.</p> <p>PANOFSKY E. (1976). <i>La perspective comme forme symbolique</i>. Paris : Minuit.</p>
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Architecture (Bruxelles)	ARCB1BA	6	LARCB1221	