

6.00 credits

108.0 h

Q1 and Q2

Teacher(s)	Malevez Jerome ;Perez Perez Manuel ;
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 experiment with and strengthen their use of analog and digital representation tools introduced in BAC1, essential for visualizing objects and inhabited spaces (natural or built) imagined in three dimensions and representing them in two dimensions. This experimentation with tools and methods of representation is accompanied by cultural awareness.</p> <p>The tools and media used foster a critical and reflective approach to modes of representation, the process of expression, their consequences, and their environmental impact. The attention to detail in creating freehand or instrumental drawings instills the necessary rigor for effective transmission and graphic expression. Themes covered include line drawing, proportions, composition, orthogonal (geometric representation), oblique (axonometry), and conical (perspective) projections, shading, scales, observational drawing, expressive drawing, communication drawing.</p>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> • Graphically reproduce, with intention, the experience of a complex spatiality under light by observing it <i>in situ</i> and critically analyzing it, • Select appropriate freehand drawing tools based on the medium, subject, and intended message, • Understand and utilize the connections between various modes and codes of representation, • Organize, plan, develop, and summarize individual work effectively. <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. • LO2.6 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.
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	LARCB1121 AND LARCB1125 AND LARCB1182	