lbarc2146

2021

Space, light and color

3.00 credits	30.0 h	Q2

Teacher(s)	Capron Jean-Luc ;
Language :	French
Place of the course	Bruxelles Saint-Gilles
Main themes	The course is designed to train future architects to use tools for the analysis and design of an environment created by being able to use the space-light-colour dimension. More specifically the relationship between space and light, both natural and artificial and the relationship between space and colour, light and matter. We will develop the following topics: 1. Definition of light and colour as a perceptual phenomenon, establishing the space and generating architectural atmosphere 2. Spatial and perceptual analysis of architectural examples using light and colour from the beginning of the design process 3. Experimentation showing the spatial relationship between light, both natural and artificial and colour, light and matter 4. Use of special software, tools for design and expressing architectural atmosphere 5. Establishment of typologies of atmosphere and their photometric and colorimetric, graphic and spatial characteristics 6. Design of light and colour plans with spatial characteristics defined with regard to human factors.
Learning outcomes	**At the end of this learning unit, the student is able to :** **Specific learning outcomes:** By the end of this course, students will be able to • list the characteristic features of atmospheres generated by light and colour. • identify the perceptual parameter of spatial perception. • interpret strategies for choosing light and colour. • test different perceptual atmospheres, using appropriate tools. • draw up light and colour plans with specific spatial characteristics. • set out strategies for choosing atmospheres using light and colour. **Contribution to the learning outcomes reference network:** **Design a project** Adopt approaches which are methodical, creative, metaphorical, perceptive, collaborative etc. 1 **Test an artistic approach** • To imagine drivers which can transform the perception of what is real **Place the action** • Experiment with the possibilities of transforming a context **Make use of other subjects** • Make strategic use of other subjects to put into question the design and implementation of an architectural project **Express an architectural procedure** • Identify the founding elements of a hypothesis or a proposal to express and communicate them
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Architecture (Tournai)	ARCT2M	3		🔍
Master [120] in Architecture (Bruxelles)	ARCB2M	3		🔍