

## Course guide

### 210294 - LBCN - Llum Bcn Festival

**Last modified:** 15/07/2024

**Unit in charge:** Barcelona School of Architecture  
**Teaching unit:** 735 - PA - Department of Architectural Design.  
**Degree:** DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).  
**Academic year:** 2024    **ECTS Credits:** 3.0    **Languages:** Catalan, Spanish, English

#### LECTURER

**Coordinating lecturer:** FELIX SOLAGUREN-BEASCOA DE CORRAL  
**Others:** Primer quadrimestre:  
 FELIX SOLAGUREN-BEASCOA DE CORRAL - 1SMI

#### PRIOR SKILLS

It is important to have skills for teamwork, research, experimentation, conceptualization, design, executive resolution, documentary production and executive production and making.

#### REQUIREMENTS

It is an essential requirement to have accomplished 3rd year's Architectural Design.

#### TEACHING METHODOLOGY

The subject will emphasize the "design through making" method, with an eye on the research and the design through experimentation and the construction of 1: 1 scale prototypes, in order to learn and consolidate the design of the installation.

#### LEARNING OBJECTIVES OF THE SUBJECT

- To learn to work with light and shadow as a building material
- To learn to work with materials and their behavior in the face of light
- To learn to carry out a complete project and its execution
- To learn technologies and construction systems
- To learn computational design and digital fabrication
- To learn to design and make with one's own hand
- To learn to organize constructive processes
- To learn to work for projects and goals
- To learn to work in a collaborative team
- To learn to manage time and material and human resources

#### STUDY LOAD

Type	Hours	Percentage
Self study	45,0	60.00
Hours large group	30,0	40.00

**Total learning time:** 75 h

## CONTENTS

### Festival Llum BCN - Contents

#### Description:

The ETSAB once again takes part in the Llum BCN festival in the Poblenou district of Barcelona. The school, through this elective subject, will be represented by its team of students, who will design and build with their own hands a light installation for the festival, which will take place in February.

LlumBCN began in 2012 as a small festival of urban lighting with the object to highlight the beauty of the city's buildings. With the experience of the previous editions, in 2012 and 2013, the need arose to reinforce the idea of "a monument and the urgency of involving the public by offering a city experience and a new night landscape.

The festival traces a tour within the city to offer the visitor familiar scenarios as a new experience. The festival will offer a part of these spaces to students from schools of Architecture, Art and Design to make and execute lighting proposals (each school is assigned a different space and an equal budget and also a deadline to present a project at the festival).

In 2018 the festival is moved to the Poblenou district. A change of location, which became a new challenge, as the new spaces to work are of a very different nature and therefore new strategies and other treatment of light and space were launched. Poblenou is a neighborhood with low population density, with an industrial past that has generated large empty spaces many of them currently inhabited by young people, universities, cooperatives, workshops, associations, etc ... The spaces chosen to offer schools are very diverse but always under a concept of "interstitial spaces", which link different places and are not spaces yet fully defined.

#### IDENTITY:

The way in which the project considers the identity of the Poblenou district, both in its social and heritage, architectural or historical aspects.

#### TRANSFORMATION:

The transformative capacity and how the piece can interact with the immediate space, generating new effects and perceptions, from the use of light.

#### ORIGINALITY:

Originality in terms of the use of the light resource in a creative and innovative way.

#### LANGUAGE:

The use of light as a language and not as a sector.

#### INTERACTION WITH THE PUBLIC:

The ability to suggest an interaction of the work with different types of users, offering new experiences for all audiences. Also the ability to reflect, to make an impact and offer an extraordinary lighting experience.

#### OPTIMAL RESOURCES:

The way in which the light resource has been used from a technological point of view, and especially, in terms of the convergence and simultaneous use of other technical resources (audio, video, materials, etc.)

#### EFFICIENCY:

It will be valued that the project is carried out, taking into account that the installation is highly efficient to achieve a good result that sustains the own limitations of space and budget. A coherent relation of the residual materials will also be valued that implies the proposal.

#### Specific objectives:

- To learn to work with light and shadow as a building material
- To learn to work with materials and their behavior in the face of light
- To learn to carry out a complete project and its execution
- To learn technologies and construction systems
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- To learn to work for projects and goals
- To learn to work in a collaborative team
- To learn to manage time and material and human resources

**Related activities:**

Team work sessions will run along the term: from the concept, to the experimentation, the debate and the project. According to the calendar established by the Institut de Cultura de l'Ajuntament de Barcelona (ICUB - Institute of Culture of the City Council), it is required to fulfill the two submissions of project until its development and executive definition. During the intensive week it is a must for the entire cohort of students to make and assembly the proposed installation, so as to take it to its accomplishment, that later will be installed in situ for the festival, in the Poblenou district in Barcelona.

**Full-or-part-time:** 75h

Practical classes: 33h

Guided activities: 42h

## GRADING SYSTEM

Grades are based on the achievement of the team's commitment, as well as the individual attendance, endeavour and involvement of each student. Minimum attendance 80% to be eligible to pass the subject.

### EVALUATION SYSTEM

Continuous assessment

Continuous assessment will be based on the work carried out by the student during the academic year, through the submission of assignments or the performance of written and/or oral tests, according to the criteria and timetable established.

Final assessment

If the continuous assessment is not positive, a second assessment may be carried out, which will consist of a final overall test in the established methodology according to the criteria of the lecturer in charge (written or oral test and/or submission of assignments).

## BIBLIOGRAPHY

**Basic:**

- Cianchetta, Alessandra. Nightscapes : paisajes nocturnos = nocturnal landscapes. Barcelona: Gustavo Gili, 2009. ISBN 9788425221385.
- Zajonc, Arthur. Atrapando la luz : historia de la luz y de la mente. 3a ed. Barcelona [etc.]: Andrés Bello, 1996. ISBN 8489691029.
- Brook, Peter. El espacio vacío [on line]. 1a ed. en este formato. Barcelona: Península, 2015 [Consultation: 22/07/2021]. Available on: [https://www.planetadelibros.com/libros\\_contenido\\_extra/31/30516\\_El\\_espacio\\_vacio.pdf](https://www.planetadelibros.com/libros_contenido_extra/31/30516_El_espacio_vacio.pdf). ISBN 9788499424330.
- Stoichita, Victor I. Breve historia de la sombra. Madrid: Siruela, cop. 1999. ISBN 8478444394.
- Weibel, Peter. LIGHT ART FROM ARTIFICIAL LIGHT. ZKM publicationen,
- Tanizaki, Junichiro. Elogi de l'ombra. [Barcelona]: ETSAB-UPC, 2004.

## RESOURCES

**Other resources:**

The materials and documents of the subject may be written indistinctly in any languages of instruction.