

30708 - Architectural graphic expression 4

Syllabus Information

Academic year: 2024/25

Subject: 30708 - Architectural graphic expression 4

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 1

Semester: Second semester

Subject type: Basic Education

Module:

1. General information

The main objective of this subject is for the student to be able to represent and analyze architectural works or urban environments by means of the appropriate graphic media.

The subject is developed around concepts applicable to concrete architectural works, which can be physically experienced or known physically or through planimetry.

The techniques developed during the subject are: color drawing; the model; the treatment of photography and digital collage/photomontage.

These approaches and objectives are aligned with the Sustainable Development Goals (SDGs) of the 2030 Agenda of the United Nations, to the extent that the architectural graphic representation is a tool that makes it possible to visualize the information and the spatial distribution of different phenomena dedicated to the achievement of the SDG goals.

2. Learning results

- To be able to draw on a physical support, freehand, a sketch in stain or color of an architectural space, defining volumes and shadows, properly fitted, proportioned and fugated.
- To be able to define a space or the generating idea of an architectural work through the realization of a model.
- To know and master the techniques of digital image processing.
- Apply, regardless of the medium used, criteria of organization, rigor, synthesis, aesthetics, etc. in the presentation of graphic documents.
- Self-evaluate the graphic works made, being able to improve its conception and realization by identifying the weak or unresolved points it presents.
- Work as a team, constructively sharing opinions and knowledge with colleagues in order to find joint solutions.

3. Syllabus

Three general lines articulate the subject:

- Depth. Composition by parallel planes that generate the sensation of a spatial field.

Blocks: - Linear rhythms - Distancing planes

- Space. Representation of enclosed spaces with classic resources that recreate their atmosphere, such as the treatment of the delimiting planes through their materiality and the incidence of light.

Block: - Delimitation plans

- Space and idea. Representation of transparency in architecture, of the connection of spaces with each other and with the environment, and graphic and volumetric synthesis of an idea that generates the case in question.

Block: - Transparent planes

4. Academic activities

- Lectures.

Theoretical sessions with the fundamentals that make up the subject, which are directly linked to the practical activities.

- Seminars, practices and visits.

Critical sessions dedicated to monitoring autonomous work outside the classroom.

Practical sessions in and out of the classroom, to learn the techniques and represent emblematic works of modern and contemporary architecture. Color interpretative and analytical drawing of architectural spaces.

- Work and study.

Practical work to be done outside class hours. Drawing, mock-ups, photo processing and digital collage/photomontage.

5. Assessment system

1. By subject

- Practical activities during class hours and tutored activities outside the classroom

Attendance to all practices and the delivery of all the proposed works are mandatory. Failure to attend any of the sessions must be justified. The work corresponding to this session must be made up outside of class hours and handed in during the following weeks (before the final exam).

Class attendance is essential to understand the concepts and to know the criteria with which the work must be developed the work.

The assessment of the activities becomes more important as the subject progresses, thus giving priority to the student's evolution.

(60% of the final grade of the subject).

- Final test

Color interpretative and analytical drawing of architectural spaces in different exercises according to the activities performed.

(40% of the final grade of the subject. A minimum of 5 out of 10 is required to pass the subject).

2. Overall test

The student is entitled to demonstrate their knowledge in a global assessment test, in which they will demonstrate mastery of all concepts and skills that make up the learning results of the subject.

(100% of the grade for the subject).

6. Sustainable Development Goals

11 - Sustainable Cities and Communities