

30718 - Workshop Integrated Projects 1

Syllabus Information

Academic year: 2024/25

Subject: 30718 - Workshop Integrated Projects 1

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 2

Semester: Second semester

Subject type: Compulsory

Module:

1. General information

The main objective is to implement the graphic load in the representation of the architectural project. Therefore, the student is provided with the necessary tools for the analysis and critique of an architectural project, from the graphic point of view, as well as the correct representation of their own work.

2. Learning results

- To be able to understand the internal order of a building by analyzing the formal relationships derived from the management of the building of the program.
- To be able to understand the structural and constructive system of an existing building verifying it by means of a schematic drawing in three dimensions.
- Ability to realize a three-dimensional model digitally including skills in the application of lights and textures.
- To be able to make a photographic restitution with digital media.
- To be able to apply criteria of organization, rigor, synthesis, aesthetics, etc. in the presentation of graphic documents.
- To be able to undertake the composition of the graphic documentation, with the corresponding capacity for synthesis and adaptation to the format.

3. Syllabus

- Representation of the project
- Collage
- Sketch and diagram
- Space and volume
- Sketch and diagram
- The architectural competition
- Project and photography
- Render + post-production
- Portfolio, marketing and digital diffusion

4. Academic activities

Theoretical sessions: They will be developed in a masterly way for all the students in a single group and will provide criteria of representation and tools of architectural graphic expression.

Seminars: will be the result of research, analysis and assimilation by the students of the expression

architectural graphics of current architects of recognized prestige. They will present their references in class, so that they can share what they have learned and learn from what their peers have presented in an exercise of knowledge exchange.

Practical classes / workshop: Part of the time will be devoted to the development of practical work, under the supervision of the professor.

Critical sessions: They will be treated as public exhibitions of the students' work, encouraging them to self-correct their exercises.

5. Assessment system

Continuous assessment: two individual evaluable works will be proposed during the subject, corresponding to the concepts and graphic tools taught, as well as the presentation of a seminar on the analysis, from the graphic point of view, of an architectural study previously chosen by the teachers. The latter will be a group work.

The percentages for the final grade are as follows: 10% Seminar, 35% paper 1 and 55% paper 2, being mandatory the

presentation of the proposed evaluation activities.

Global or final assessment: it is carried out through the final work, which represents 90% of the overall grade, plus a complementary work of analysis, from the graphic point of view, of an architectural study with the approval of the teacher, which constitutes 10% of the global grade. Both parts must be passed. To opt for this option, students should contact at the beginning of the subject to be assigned the exercises to be performed.

6. Sustainable Development Goals

- 5 - Gender Equality
- 8 - Decent Work and Economic Growth
- 11 - Sustainable Cities and Communities