

## 30708 - Architectural graphic expression 4

### Syllabus Information

**Academic Year:** 2019/20

**Subject:** 30708 - Architectural graphic expression 4

**Faculty / School:** 110 -

**Degree:** 470 - Bachelor's Degree in Architecture Studies

**ECTS:** 6.0

**Year:** 1

**Semester:** Second semester

**Subject Type:** Basic Education

**Module:**

### 1.General information

#### 1.1.Aims of the course

#### 1.2.Context and importance of this course in the degree

#### 1.3.Recommendations to take this course

### 2.Learning goals

#### 2.1.Competences

#### 2.2.Learning goals

#### 2.3.Importance of learning goals

### 3.Assessment (1st and 2nd call)

#### 3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

### 4.Methodology, learning tasks, syllabus and resources

#### 4.1.Methodological overview

Expresión Gráfica Arquitectónica 4 is an introduction to the drawing and the study of architectural space, which provides the student with a solid base to graphically represent and analyze architectural works or urban environments. It is, therefore, a subject of basic training and it is considered necessary for the student to proceed with subjects of the following courses, which are supported by the graphic language.

The activities proposed, both in the teaching hours and outside of them, are practices related to the analytical representation of forms and spaces.

In the subject Expresión Gráfica Arquitectónica 2 the main objectives are the expression and analytical representation using line and shadow. In this subject, follow-up of the previous one, we work with the analytical representation of architecture taken from natural spaces and plans, through colored drawing, models and digital treatment of photography and collage/photomontage.

#### 4.2.Learning tasks

The subject has an eminently practical guidance, with activities that take place both during and outside the lectures, and are directly related to the interpretation of architecture through the drawing, the model and the digital image.

The course is structured in three thematic blocks proposed from particular concepts, which are conveniently explained to the students in theoretical sessions:

- Depth through linear rhythms and distance planes.
- Space through delimiting planes.
- Space and idea through transparent planes.

### 4.3.Syllabus

The program contains theoretical sessions, practical sessions and assignments.

In the theoretical sessions the basis of the subject are exposed and are directly linked to the practice.

The practical sessions, with structure of workshops, take place in the classroom, to learn the management of different techniques and study emblematic works of modern and contemporary architecture, and in different areas of the city to draw natural spaces.

The advice to the student during the classes is really useful, in the same moment and physical space where the draw is being carried out, to solve fundamental questions such as the choice of the point of view, the vanishing points, the proportions or the color treatment.

The practice exercises are delivered at the end of each session and are rated weekly by the teachers of the subject to know the evolution of students and keep them informed.

Students also have the possibility of complementing his training with tutorials carried out by the professors in the department at the time indicated at the beginning of the semester.

The assignments carried out outside class hours, are proposed with the aim of reinforcing the content provided in the theoretical sessions and require a longer reflection time.

This work, managed by the teacher, requires the time that the student deems necessary and must be carried out continuously. The intellectual evolution of the student goes hand in hand with the evolution of his manual skills, so it can not be reached at the end of the evaluation without a continuous effort.

These works are explained in detail in the program of the subject and are delivered throughout the semester on the dates that are indicated in the schedule of the course.

Complementary activities, which mainly include trips, visits to exhibitions and attendance at conferences and talks, are also proposed.

The main techniques that are used in a complementary way throughout the semester are the following ones:

- Drawing with pencil or ink and with color, using watercolor as a base technique.
- Model.
- Digital photography and collage/photomontage.

### 4.4.Course planning and calendar

In the subject Expresión Gráfica Arquitectónica 4, the student represents and analyzes architectural works or urban spaces through graphic means, taking into account three general lines that articulate the course:

#### Depth

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

Resources to achieve it are:

- Linear rhythms
- Distance planes

#### Space

Representation of spaces delimited with classical resources that recreate their atmosphere, such as the treatment of delimiting planes through their materiality and the incidence of light.

Resources to achieve it are:

- Delimiting planes

#### Space and idea

Representation of transparency in architecture, the connection between spaces and with the context. Graphic and volumetric synthesis of this idea.

Resources to achieve it are:

- Transparent planes

The work with these concepts that articulate the course is done by drawing real spaces, as a means to represent their

atmosphere and interpret them according to the considered criteria, and case studies that are proposed in order to establish knowledge and provoke a reflection on them.

## 4.5. Bibliography and recommended resources

### RECOMMENDED RESOURCES

#### Drawing

##### Ink drawing

- Fountain pen | Calibrated marker Staedtler [thickness 0,8 mm.]

##### Pencil drawing

- Pencils of different hardness and thickness [hardness 2B-4B and thickness 2mm.]

- Soft rubber

- Bloc Esbozo Studio Guarro [Din A-3, 90 gr./m<sup>2</sup>, 100 sheets]

- Bloc XL Canson [Din A-4, 160 gr./m<sup>2</sup>, 50 sheets]

##### Watercolor drawing

- Watercolors [recommended 12 colors, Schminke]

- Paintbrushes [recommended n. 6-12-20, Winsor&Newton or Rembrandt]

- Cloths

- Containers to mix the colors

- Paper Guarro, 60% cotton, middle roughness [Din A-3, 240 gr./m<sup>2</sup>]

- Bloc XL Canson [Din A-4, 160 gr./m<sup>2</sup>, 50 hojas, microperforado]

#### Model

##### Large format model

- Cardboard, Wood, acetate...

##### Synthetic model

- Chalks, cardboard, textured cardboard, wood, acetate, methacrylate, metal...

#### Digital photography and collage/photomontage

- Camera

- Computer with Adobe Photoshop

### BIBLIOGRAPHY

#### Basic Bibliography

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