

30722 - Architectural Composition 3

Syllabus Information

Academic year: 2023/24

Subject: 30722 - Architectural Composition 3

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 3

Semester: First semester

Subject type: Compulsory

Module:

1. General information

The overall objective of this subject is to provide the student with the necessary tools to acquire a deep and reflective knowledge of the history and theory of Western architecture during the first half of the 20th century with a clear, diachronic and sequential vision, as well as to show them the different ways to approach the analysis and interpretation of the work of architecture and the compositional mechanisms that generate it.

These approaches and objectives are aligned with the Sustainable Development Goals (SDGs) of the 2030 Agenda of United Nations (<https://www.un.org/sustainabledevelopment/es/>) and certain specific targets: SDG-4: Quality Education; SDG-5: Gender Equality, with a focus on target 5.1; SDG-11: Sustainable Cities and Communities, especially with regard to target 11.4.

2. Learning results

- Clear, diachronic and sequential vision of the History of Architecture, as well as mastery of the mechanisms of architectural composition present in the architectural project.
- Synthesize, by means of examples, the typological, technical, constructive and formal characteristics that are being established in the period of the history of architecture studied: **first half of the 20th century**.
- Ability to identify the works of architecture studied, placing them in an argued way in the period to which they belong, justifying their relationship with the history of the place where they are built.
- Aptitude to position oneself in a committed way, from the knowledge of the Theory and History of Architecture, to the architectural project, providing a critical and informed vision.
- Fluency in the commentary of the architectural work in an argued and convincing manner, using the knowledge acquired during the subject as a tool to develop the ability to interpret the most relevant projects in history, understanding these in direct relation to the materials, construction systems and techniques with which they were carried out and as a product of a particular cultural moment.
- Ability to understand, interpret and analyze specialized texts (on Theory, History and Architectural Composition), as well as the elaboration of properly structured and argued contents.
- Rigorous and adjusted use of the specific language and terminology of the architectural discipline.
- To manage specific bibliography.

3. Syllabus

The Chicago School. Frank Lloyd Wright: Training and Meadow Houses

Unit 2. Pre-rationalism in Europe. Berlage, Perret, Viennese Secession and Deutsche Werkbund

Unit 3. The Artistic Avant-Gardes I. Cubism and Le Corbusier: Training and purist stage

Unit 4. The Artistic Avant-Garde II. Futurism and Expressionism. Erich Mendelsohn in Europe

Unit 5. The Artistic Avant-Garde III. Dutch Neoplasticism. Mies van der Rohe in Europe

Unit 6. The Artistic Avant-Garde IV. Russian Constructivism

Unit 7. Vanguard Pedagogies. The Bauhaus and the VKhutemas

Unit 8. International Style

Unit 10. Functionalism and Rationalism

Unit 10. Frank Lloyd Wright. Usonian houses and latest projects

Unit 11. Le Corbusier. Urban planning and international projects

Unit 12. Mies van der Rohe in America

4. Academic activities

Theoretical Classes (Lecture T1): 29 h

Two hours of theoretical master classes will be given weekly, according to the class schedule. In them, the teacher will present the specific contents of each topic of the program and, together with the students, some related texts will be discussed.

Seminars (Practical T3A): 22 h

During the subject, 3 works of compositional analysis of works of architecture or other artistic disciplines will be developed, as a complement to the lectures. These works, carried out in groups of 3 or 4 students, will be solved in a graphic and written form, will be handed in and will be presented and discussed in class.

Visits (T4): 8 h

On dates to be determined according to the calendar of exams and deliveries of other subjects, there may be a voluntary trip to visit works related to the contents of the subject.

5. Assessment system

The learning of the subject will be assessed by means of **Continuous Assessment** throughout the subject. The final score will be the weighted sum of the grades obtained in the theoretical tests and in the seminars, also valuing the participation of the student in the teaching activities developed by . The percentages with which the final grade will be calculated in the subject will be the following: theory 50% (minimum 4 out of 10), seminars 40% (minimum 4 out of 10) and participation in the teaching activities 10%, percentage in which the tutored work will be included. Students can pass the subject in the ordinary exam if their average score exceeds 5, not having any partial test below 4.

The subject may also be passed in an extraordinary exam, provided that the practical work corresponding to the seminars is handed in. In this case, the percentages will be: theory 60% (minimum 4 out of 10), delivery of practical work 40% (minimum 4 out of 10).