30709 - Architectural Shapes Analysis

Información del Plan Docente

Academic Year	2017/18
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

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

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

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

The orientation of the subject is eminently practical, so the activities being proposed both in the hours, mainly hours of workshop, and outside them are practices directly related to the analysis of architectural forms and the ability to present and represent objects or spaces. Be attached to the start of the semester, the calendar of activities. Activities that relate to the analysis of urban public spaces, or buildings may be substituted for other locations or similar buildings, according to the needs of the course or other external factors, permissions, rain, external practical budgetary availability.

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5.2.Learning tasks

-An initial introduction to architectural analysis module, where is provide for the following activities:

-Theoretical sessions: teach the student, examples where is represented the building architectural, taking an approximation of the representation of architectural or urban development, elements through its plants, elevations, sections, drawings of locations etc. Solved examples of how architecture is represented through their planes will be displayed to students.

In the second module, will deepen the analysis of architectural forms with the following activities:

-the theoretical sessions: will show examples of analyses of small complete buildings, increasing the level of quality and complexity of drawing (sketch and delineated), teaching conventions or common graphics code in architectural representation, analysis will delve deeply into aspects as :

- Analysis of context-spatial analysis-formal-functional analysis-constructive analysis.-practical sessions: will develop the topics discussed in theoretical sessions, closely tutorizadas by the teachers, to carry out these works take a building or architectural complex nearby, so that students take their data and analyze a building that have been able to visit with relative ease.

There are various proposals such as: public library of Aragon, the library of the Faculty of Economics, etc.; cannot be ruled out the possibility of an external practice, in order to improve the architectural quality of the example taken up, as the flag of Germany at the Barcelona exhibition of 1929 the architect Mies Van der Rohe among others, but these activities will depend on close visit, resources, etc. programming.

-In the third and last block, there are the following activities:

-Theoretical sessions: will show examples of analysis of complete buildings, masterpieces of modern architecture, where he will be trained and will analyze works of architects such as: Frank Lloid Writgh, Le Corbusier, L. Mies Van der Rohe, Alvar Aalto and Arne Jacobsen, works that students may not know more than by the graphic documentation and explanations provided by different teachers participating in these sessions. In this last phase, is intended to the student to analyze architectural forms through graphical documents, so it will be participation programmed course in the library, for first course, explaining the more convenient system for finding resources-practical sessions: will develop the topics explained in the theoretical, analyzing sessions, each student, one of the masterpieces of architecture documenting it and generating new resources, both two-dimensional and three-dimensional.

5.3.Syllabus

Theory session:

01 PRESENTACION

02 sketch / AXONOMETRICO

03 PLANTS, ELEVATIONS ANS SECTIONS

04 PLANOS

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05 SKETCH

06 analysis / analysis CONTEXTO

07 analysis FORMAL / functional analysis ESPACIAL

08 analysis / analysis TECNICO

09 models /

10 presentation 2nd practice

10 FRANK LLOID WRIGTH

11 LE CORBUSIER Ville savoie

12 G RIETVEL Ville Schroeder

13 LE CORBUSIER House for Dr. Curruchet

14 MIES VAN DER ROHE Farnsworth house.

For the practical sessions:

Practice documentation in the LIBRARY.

SKETCH of an object of furniture.

SKETCH of an architectural element.

PRACTICE houses / sketch of the plant of a House.

PRACTICE houses / drawing flat and SECCION

PRACTICE houses / analysis

PRACTICA houses / FORMAL analysis and space,

PRACTICA houses / functional analysis.

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MODEL

PRACTICA 2: PLANS, ANALYSIS AND RENDERING.

5.4.Course planning and calendar

Calendar of sessions and presentation of works.

At the first class session detail explains the development of each class, placing it in the Moodle of the subject for future reference or for students who cannot attend class.

5.5.Bibliography and recommended resources

- Ching, Frank. Manual de dibujo arquitectónico / Francis D. K. Ching ; [versión castellana de jorge Carbonell y Santiago Castán] . - 3ª ed. rev. y amp., 5ª tirada Barcelona : Gustavo Gili, 2007
- Ching, Frank. Arquitectura : forma, espacio y orden / Francis D. K. Ching ; [versión castellana de Santiago Castán] . - 3ª ed. rev. y act. Barcelona : Gustavo Gili, D.L. 2010
- Montes Serrano, Carlos. Representación y análisis formal : lecciones de análisis de formas / Carlos Montes Serrano Valladolid : Universidad de Valladolid, Secretariado de Publicaciones, D.L. 1992