

69202 - Advanced Architectural Projects

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	519 - Master's in Architecture
ECTS	6.0
Course	1
Period	First semester
Subject Type	Compulsory
Module	---

1.Basic info

1.1.Recommendations to take this course

It is recommended as a supplement to this subject the optional subject "Proyecto Arquitectónico y Materia: Visiones Integradas/Architectural Project and Material: Integrated visions"

1.2.Activities and key dates for the course

Activities :

1. Theoretical classes
2. Activity Workshop
3. Critical Re view
4. Seminar Program

2.Initiation

2.1.Learning outcomes that define the subject

The student has to demonstrate:

Ability to link between the project proposal and the historical, urban and landscape environment in which it is inserted.

Ability to define an architectural project as an executive project.

Ability to distinguish the different ways of work on the historical heritage and modern city.

Ability to integrate the constructive process and creative act

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Well knowledge of rules and relations which affects the architectural project.

Ability to exercise the architectural criticism.

2.2.Introduction

Innovative Architectural Project completes higher-degree in Architecture. In this way, it is consolidated the foundations and it is extended the student's critical judgment. Therefore, the subject is a consolidation of the previous knowledge.

3.Context and competences

3.1.Goals

1. To focus on mechanisms generators architectural form in the light of contemporary events.
2. To meditate on Ethic , Profession and the Rule.
3. To research about new techniques and cultural values.
4. To deepen in architectural projects as defining of constructive systems.
5. To intensify the critical judgment, based on contemporary architecture.
5. To transform the environment through Architecture

3.2.Context and meaning of the subject in the degree

Innovative Architectural Projects is the source of the Master's Thesis, which demands the execution of the full project. Only a strong education on this area can cope this goal. In this way, we assess students mature as guaranty of that work.

From a creative and constructive understanding, a comparative analysis based on technical reasons the architectural project is facilitated. This is to enhance the knowledge and understanding of the intrinsic elements to architectural design, fostered student creativity: from constructive values and understanding of the place.

3.3.Competences

C.T.2 Ability to combine general knowledge and specialized architecture to generate innovative and competitive proposals for professional activity

C.T.4 Ability to communicate and transmit knowledge, skills and abilities

C.T.5 Ability to analyze and assess the social and environmental impact of solutions, acting with ethic, professional

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responsibility and social commitment.

C.T.6 Ability to work in a multidisciplinary group and in a multilingual environment.

C.T.8 Ability to manage information; handling and application of technical specifications and legislation necessary for the practice of Architecture

C.T.9 Ability to learn continuously and develop independent learning strategies

C.T.11 Capacidad para coordinar actividades

C.T.12 Ability to draw up reports or documents

C.E.118.OB Suitability for conception, practice and development of projects. (T)

C.E.120.OB Suitability for conception, practice and development Construction management (T).

C.E.121.OB Develop functional programs of buildings and urban spaces (T).

C.E.122.OB Ability to conserve, restore and rehabilitate the built heritag

C.E.123.OB Ability to exercise architectural criticism

C.E.125.OB Well knowledge of new construction techniques as generators of architectural form.

3.4.Importance of learning outcomes

In essence the course delves into the two poles of our work: effective response to any program and its importance as art. The student will have reached the level of maturity that gives capacity for discernment.

4.Evaluation

The learning process is progressive. Weekly, following the evolution of the student, the teacher will accompany the process and progress of the project exercises. This course is eminently practical and therefore requires continuous monitoring to be effective.

The intensity of the reflection on the content and the maximum density and interest of the final result is evaluated. The correct resolution proposed in the draft program and developing a consistent and formally represented successfully overcome proposal is evaluated.

5.Activities and resources

5.1.General methodological presentation

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Project workshop accompanies students in developing their exercise. The method of learning projects is an ongoing exercise. To this the student is provided references. the student is given a specific bibliography related to the proposed topics. The teaching methodology project is based on experimentation and personal research. The learning process includes public meetings of corrections, within groups of students and organized.

5.2.Learning activities

Theoretical talks. The talk will be based on issues related to the proposed exercise. These talks aim to intensify research activity of the student.

Groups critical project workshop. Review of the work of each student. These criticisms will be conducted in groups so that the student participates of comments from other one.

Juries. Reviews in the intermediate and final stages of work involving external teachers.

Invitation to prestigious professionals to learn about the project processes, technical and constructive references in our professional field.

5.3.Program

Program will be proposed according to the proposed themes.

5.4.Planning and scheduling

The workshop will present two possible projects. Students have to choose one one of them. During this presentation it shall be detailed the learnign activities, program and its planning.

Session 1: Presentation of the project and itinerary

Session 2-12: Research Literature/ Research Work/ Research Workshop

Session 13: Final Presentation

Session 14: Final Review

5.5.Bibliography and recomended resources

Bibliography will be proposed according to the proposed themes.