Universidad Zaragoza

Year : 2019/20

69202 - Advanced Architectural Projects

Syllabus Information

Academic Year: 2019/20
Subject: 69202 - Advanced Architectural Projects
Faculty / School: 110 -

Degree: 519 - Master's in Architecture

ECTS: 6.0
Year: 1
Semester: First semester
Subject Type: Compulsory
Module: ---

1.General information

1.1.Aims of the course

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 architetural projects as defining of constructive sistems.
5. To intensife the critical judgment, based on contemporary architecture.
5. To transform the enviroment through Architecture

1.2.Context and importance of this course in the degree

Iinnovative 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 garanty 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.

1.3.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"

2.Learning goals

2.1.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 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.

2.2.Learning goals

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 diferent ways of work on the historical heritage and modern city.

Ability to integrate the constructive process and creative act

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

Ability to exercise the architectural criticise.

2.3.Importance of learning goals

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.

3.Assessment (1st and 2nd call)

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

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.

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The methodology followed in this course is oriented towards achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as project workshops, autonomous work, experimentation and research, individual and group tutorials.

4.2.Learning tasks

The course includes the following learning tasks:

- Lectures. These talks are based on issues related to the proposed exercise and aim to intensify the student's research activity. Students receive references and specific bibliography.
- Critical project workshops. Review of the work of each student. These criticisms will be conducted in groups so that the student benefits from others' comments.
- Committee. Reviews in the intermediate and final stages of the project involving external teachers.
- Invitation to prestigious professionals to learn about the project process, sharing technical and constructive references in our professional field.

4.3.Syllabus

The course will address the proposed topics.

4.4.Course planning and calendar

The workshop will present two possible projects for the students to choose. The course includes the following learning tasks:

- Session 1: Presentation of the course, the project and itinerary
- Session 2-12: Research Literature/ Research Work/ Research Workshop

- Session 13: Final Presentation
- Session 14: Final Review

Activities:

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

4.5.Bibliography and recommended resources

The bibliography will be proposed according to the topics.