



## INTRODUCTION

In this subject, students will deepen their knowledge of advanced design processes related to architecture, in different conditions and contexts, through individual development of projects proposed by the lecturers. By using the methodology of advanced project training, theoretical, conceptual and operational aspects will be integrated in architectural projects with the final goal of achieving disciplinary excellence. Workshop training will be complemented with theoretical classes on issues related to the project under development in addition to public presentations, and the intermediate and final oral defense of projects. It deals with the following:

- Analytical methodology of the problems involved in an architectural project.
- Definition and justification of project goals.
- Development and reasoned presentation of project arguments.
- Advanced methodologies of architectural design: project tactics, techniques and strategies.
- Conceptualization and advanced graphic representation of the project.
- Building definition: integrating new techniques and materials in design.
- Contextualization of the architectural project within the contemporary critical and theoretical spectrum.
- **Titulación:** Máster Universitario en Teoría y Diseño Arquitectónico
- **Módulo:** Módulo 3. Diseño Avanzado de Proyectos Arquitectónicos
- **Materia:** Taller integrado de proyectos arquitectónicos II
- **Departamento:** Teoría, Proyecto y Urbanismo
- **ECTS:** 9
- **Semestre:** 2
- **Curso académico:** 2025/2026
- **Carácter:** Obligatorio
- **Profesor:** Carlos Pereda y Óscar Pérez
- **Profesor asistente:** Rubén Labiano
- **Idioma:** español
- **Calendario:** los viernes desde el 8 de enero hasta el 20 de marzo de 2026
- **Aula:** Atelier

## LEARNING OUTCOMES (Competencies)

### *BASIC*

**CB06:** Obtain and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often within a research context.

**CB07:** Students must know how to apply the knowledge acquired and the capacity to resolve problems in new or little known environments within broader (or multidisciplinary) contexts related to their area of study.



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**CB08:** Students must be capable of integrating knowledge and tackling the complexity of forming judgments based on information that, being incomplete or limited, includes reflections on social and ethical responsibilities related to the application of their knowledge and judgment.

**CB09:** Students must be able to communicate their conclusions –and the knowledge and actual reasons that underpin them– to specialized and non-specialized audiences in a clear and unambiguous manner.

**CB10:** Students must have the learning skills that allow them to continue studying in a mostly self-managed or autonomous way.

## GENERAL

**CG1.** Develop and present at an advanced level, ideas, arguments and reflections in the field of analysis and criticism of architecture.

**CG3.** To face the creative process of the architectural project at an advanced level and with the greatest aesthetic quality: from the conceptualization stage until the drafting of basic documents required for its building definition.

## SPECIFIC

**CE7.** To apply and integrate the conclusions of analytical processes applied to designing advanced and original architectural projects, at different levels, that respond and provide feasible solutions in new and complex contexts.

**CE8.** To present ideas at an advanced level and defend their coherence and viability using oral, graphic and written methods of argumentation in the public presentation and defense of architectural projects of varying scale.

**CE9.** To manage, at an advanced level, design tools that bring together functionality, constructive rigor and economic viability in architectural projects with the greatest excellence.

## PROGRAM

*BARRIO "CAMPO DA BOLA" CONJUNTO HABITACIONAL A DESARROLLAR EN LA RECONVERSIÓN DEL BARRIO "CAMPO DA BOLA" EN LA COSTA DE CAPARICA, ALMADA, ORILLA SUR DEL TAJO, LISBOA. De manera a contribuir para la recalificación y consolidación de la Costa de Caparica y para dar respuesta a la carencia y a su vez creciente demanda de vivienda a costes controlados, se propone la construcción de un conjunto habitacional en el terreno identificado. Se deberá tener atención a la adecuación, el respeto por el espacio envolvente, la relación con el entramado en que se insiere, las continuidades del espacio público y el rescate de los valores ambientales, siendo éstos, la recuperación de las dunas en la presencia del Atlántico.*

*Se destaca la importancia de la diversidad de funciones, más allá de lo habitacional, se han de proponer otros programas complementarios de apoyo como áreas de comercio, servicio, guardería, deporte, cultura y otros.*

## PROGRAMA FUNCIONAL

Prever un total de 200 viviendas de tipología y escala diversa.



110 viviendas unifamiliares con las siguientes sigüientes tipologías y respectivas

Áreas Brutas:

20 un. T1 70 m2

55 un. T2 100 m2

35 un. T3 130 m2

90 viviendas colectivas con las siguientes tipologías y respectivas Áreas Brutas:

9 un. T0 45 m2

18 un. T1 60 m2

27 un. T2 90 m2

27 un. T3 120 m2

9 un. T4 150 m2

Mid-jury: 21 February

Jury: 21 March

## EDUCATIONAL ACTIVITIES

EDUCATIONAL ACTIVITY	Hours	Face-to-face activities
Theoretical classes	10	100%
Workshop classes	60	100%
Directed works	15	50%
Student's personal work	140	0%

## ASSESSMENT

EVALUATION SYSTEM	Minimum weighting	Maximum weighting
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SE3 Class attendance and participation	10	20
SE4 Project submission, presentation and defense	80	90

## OFFICE HOURS

- Office hours are by appointment, via e – mail or during class.

## BIBLIOGRAPHY AND RESOURCES

- The bibliography will be provided in class or through ADI.