

## ARCHITECTURAL HERITAGE DOCUMENTATION TECHNIQUES

### Participants:

The students of the Master's Programme in Geomatics Engineering and Geoinformation (School of Engineering in Geodesy, Cartography and Surveying, Universitat Politècnica de València).

### Timing:

It is an intracurricular subject ([Architectural Heritage Documentation Techniques](#)), it takes a semester to run, launched regularly every year.

### External partner:

Asociación Círculo por la Defensa y Difusión del Patrimonio Cultural.

### Service implemented:

Historical-graphical documentation of the Casino del Americano (late 19th century), formerly known as the Quinta de Nuestra Señora de las Mercedes, with the 3D reconstruction of its original state. It is currently in ruins and subject to acts of vandalism as it has no special protection from the City Council. The association aims to promote the cataloguing of the building as a Property of Local Relevance (BRL-Bien de Relevancia Local) or Property of Cultural Interest (BIC-Bien de Interés Cultural). From the graphic documentation process, it is possible to obtain plans, elevations and sections using 3D modelling and historical photographs to show the possible virtual reconstruction of the external part of the building.

### Learning outcomes:

Study process, graphic documentation, and conservation of architectural heritage, with classical techniques, both historical and digital photographs. 3D modelling learning. Application and practical thinking. Innovation, creativity and entrepreneurship. Design and development. Teamwork and leadership. Ethical, environmental, and professional responsibility. Critical thinking. Knowledge of current issues. Planning and time management.



Barrio de Benicalap, Valencia.

Figure 7 Architectural Heritage Documentation Techniques