

Innovative teaching to recreate history's greatest monuments in 3D

LOCATION: Granada

DURATION: 1'46"

SUMMARY: Students and lecturers from different courses at the University of Granada are setting up 3D photos and videos of the city's monuments. It's an innovative teaching project in which interdisciplinary groups of students are formed and then visit historical monuments and buildings and approach them from different points of view: optical, architecture, law and the history of art.

VTR:

3D photos and videos to better understand some of Granada's buildings and monuments. That is what these university students are doing, which is part of an innovative teaching project which this professor from the Optics Department coordinates with other lecturers from different departments.

JOSÉ JUAN CASTRO
Project coordinator

"An activity out of the classroom to improve the teaching and learning process. It's based on collaborative work between students of different disciplines."

As well as the Optics and Optometry students, law, architecture, fine arts and History of Art students also take part.

JOSÉ JUAN CASTRO
Project coordinator

"A monument or building of marked historical artistic character is assigned to each interdisciplinary group."

In this visit to the Ansoti Palace, home of the College of Notaries, the optics students are in charge of carrying out 3D photoshoots. Isabael, an architecture student, explains to her partners the architectural characteristics of the building.

ROSA VALERO
Optics student

"As you interact with your partners from other courses, you also stop a little to put things in their perspective."

ISABEL ABELLÁN
Architecture student

"Meeting people from different degrees, they give us another distinct focus on how to look at buildings and how to see space."

The students build their own 3D glasses to visualise the stereoscopic photos. To reveal all the material they have created on a YouTube channel.

MARÍA TERESA GARCÍA
History of Art researcher

"Students are also getting an added dimension to the teaching we give them in class, so... sometimes you have to do new things."

JOSÉ ANTONIO LÓPEZ NEVOT
Law professor

"It's what the students tell me. Seeing history live. Which in the classroom is explained in such a dry manner, then they can touch it."

250 students from various courses have already taken part in this project, which together with 15 professors, have visited places such as the Palace of Carlos V, the Madraza and the Palacios Nazaríes of the Alhambra.