LECTURER

Coordinating lecturer: ENRIQUE CORBAT DIAZ

Others: Corbat Diaz, Enrique

TEACHING METHODOLOGY

Weekly theoretical classes of 2 hours, weekly correction of coursework 1.50 hours

LEARNING OBJECTIVES OF THE SUBJECT

Analysis of the environment and the environmental pre-existence.
Passive solar energy collection and storage systems.
Passive cooling systems.
Integration of active renewable energy generation systems.
Construction with ecological materials

CONTENTS

bioclimatic architecture

Description:
Sustainable architecture

Specific objectives:
Learn to build with low environmental impact materials.
Learn to design buildings achieving low energy consumption using bioclimatic strategies.
Learn how to supply active systems for the production of renewable energy in buildings.
The final project is proposed under the requirements of international competition 2023 Architecture Students Saint G obain so that the students may participate in a contest we have participated in the last ten years with great success being finalists in 2012, 2013, 2016, 2017, 2018 and 2020 and winners in 2014, 2015, 2019 and 2021 in the National Stage, in competition with some of the most prestigious Spanish schools of architecture, and not only earning a significant cash prize but having also the opportunity to participate in the international Stage competing with other universities around the world, traveling at the end of May with all paid expenses to Bratislava, Belgrade, Bucharest, Astana, Madrid, Dubai, Milan and Paris where Etsav obtained the International second price.

Related activities:
The work done during the course will allow students to apply for the Architecture Students Saint Gobain 2023 competition.

Full-or-part-time: 44h
Theory classes: 20h 40m
Practical classes: 23h 20m
GRADING SYSTEM

Course work project proposed by the Architecture Students Saint Gobain competition 80% exam 20%

BIBLIOGRAPHY

Basic: