

Teaching guide

IDENTIFICATION DETAILS

Degree:	Architecture		
Field of Knowledge:	Engineering and Architecture		
Faculty/School:	Higher Polytechnic School		
Course:	PROJECTS V		
Type:	Compulsory	ECTS credits:	6
Year:	4	Code:	3743
Teaching period:	Seventh semester		
Area:	Projects		
Module:	Planning		
Teaching type:	Classroom-based		
Language:	English		
Total number of student study hours:	150		

SUBJECT DESCRIPTION

Identify and propose project systems and processes: look for the approach to different systems and possibilities of ordering architectural processes. Understand the complexity of large equipment programs: gain autonomy to analyze and propose alternative programs. Identify the needs of the people and the society, and design buildings and strategies that improve the life of people in all the scales of the life: from house to city, from city to house.

Project exercises on buildings of public equipment, residential and complex singular elements, led by individual and joint reviews structured in a workshop work scheme, supported by theoretical classes and discussion sessions. Use of the English language as a working tool through participatory classes and activities that promote

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

Capacity for analytical, synthetic, reflective, critical, theoretical and practical thought.

Ability to resolve problems and to take decisions.

Ability to apply procedures.

Capacity for interpersonal communication.

Ability to understand the relationships between people and buildings and between buildings and their surroundings, and the need to associate buildings and the spaces in between them to meet human needs and on a human scale.

Specific skills

Adequate knowledge of the general theories of the shape, composition and types of architectural structures.

An adequate knowledge of the general history of architecture.

An adequate knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources.

An adequate knowledge of architectural, urban development and landscaping traditions in Western culture and of their technical, climatic, economic, social and ideological bases.

An adequate knowledge of the relationship between cultural patterns and the architect's social responsibilities.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
60 hours	90 hours