

Teaching guide

IDENTIFICATION DETAILS

Degree:	Architecture		
Field of Knowledge:	Engineering and Architecture		
Faculty/School:	Senior Polytechnic School		
Course:	PROJECTS II		
Type:	Compulsory	ECTS credits:	6
Year:	2	Code:	3728
Teaching period:	Fourth semester		
Area:	Projects		
Module:	Planning		
Teaching type:	Classroom-based		
Language:	English		
Total number of student study hours:	150		
Teaching staff	E-mail		
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SUBJECT DESCRIPTION

Ampliación de la introducción a la teoría y práctica de la arquitectura desde la pequeña escala. Continuación del proceso personal de aprendizaje del proyecto residencial, tomando como hilo conductor la vivienda colectiva. Introducción a la concepción de la casa como catalizadora del cambio social y a las relaciones generales entre arquitectura y espacio urbano. Utilización del inglés como lengua vehicular de la enseñanza. Iniciación a la presentación de proyectos en inglés.

Design exercises on buildings person-centered for residential use and singular elements of reduced complexity, led by individual and group critiques structured in a workshop work scheme, supported by theoretical classes and discussion sessions, studying the space of the encounters between people and places

Use of the English language as a working tool through participatory classes and activities that promote the four language skills of English: listening, speaking, reading and writing. Interaction with 3727 Informática II

GOAL

Design projects through processes that place the person at the center of activity and architectural thinking. Learn to ask the fundamental questions of architecture and identify the needs of people and how architecture can enrich life. Learn to look at the world with the eyes of an architect and with a transforming view. Reflect on the concept of living, of home, of decent housing.

Apply project strategies in small-scale proposals, with an architectural approach that is person-centred. Carry out architectural collective housing projects adapted to today's industrialised society and contemporary living, within real-life contexts.

Progress professionally in English in the development and presentation of architectural projects, in order to increase the future employability of graduates.

Adequate knowledge of architectural terminology in the English language.

Ability to use the English language in the development and presentation of architectural projects.

PRIOR KNOWLEDGE

It is recommended to attend the following courses prior to enrolment in Projects II: 3711 Arhitectural and creative concepts, 3724 Projects I, 3710 Analysis of Form I, 3715 Analysis of Form II, 3720 Analysis of Form III, 3717 Technical Drawing, 3719 Information Technology, 3721 Construction I

COURSE SYLLABUS

This course focuses on collective housing design in an urban context while it explores the relationship between form and matter.

It further deals with the conceptual, spatial, functional and technical aspects of architectural design and expands on the analysis of programs and of cultural and historical context.

In addition, design must be person-centered (real, not abstract; for people not for architects or exhibitions) and for all (no barriers, universal accessibility)

It also explores the use of specific graphic tools for architectural purposes.

Projects in this course must be presented in English.

This course may share certain assignments with other courses such as IT II, Projects I and Projects IV.

EDUCATION ACTIVITIES

1. Classroom-based activities. (they could be online class if it is required by the medical situation) 1.1. Lectures: Presentation of contents and activities by the teacher, commentary, recommended reading, with the participation of students in the debate and resolution of any difficulties found understanding the topics proposed in class. 1.2. Exercise work: Carrying out, individually, on the board or on the table, proposed exercises regarding the application of the fundamental knowledge previously learned. 1.3. Projects workshop: Correction, in groups of various sizes, of the projects which the students develop in the classroom or at home, and resolve with help from the exercises of their classmates and the instruction of their lecturers. 1.4. Evaluation: Understanding tests throughout the course, as often as is possible. 1.5. Tutorials: 1.51. Personalised: Individual attention to the student with the objective of reviewing and discussing the issues presented in class and clarifying any doubts that the student may have, or any personal issues that may need resolving. 1.52. Group: Attending to the needs of a reduced group of students who need additional help for the follow-up of the subject, in the case whereby whole group instruction is less effective. 1.6 Seminars: Work directed on a particular theme with unique activities, or occasional guest speakers, depending on the theme to be developed. 1.7 Round tables: Exhibition and debate, with the participation of experts on singular topics. 2. Non-class activities: 2.1. Preparation of projects for in-class discussion: Design and prepare a public presentation of a proposed exercise in class. 2.2. Group work: Design and development of group work projects 2.3. Practical and theoretical study: Study of theoretical and practical contents of the program and preparation of the recommended reading. 2.4 Work with the virtual on-line classroom: Virtual space designed by the lecturer where the student will be able to work together with other classmates to participate in forums organised by the teacher and carry out tutorials.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
60 hours	90 hours
Lectures, exercises, design studio, group work, tutoring, assessment, Work on projects for discussion in class 60h	Group work, study and practice 90h

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.

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 methods for studying social needs, quality of life, habitability and basic housing programmes.

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.

LEARNING RESULTS

Describe suitable urban strategies for their proposals

Define a design concept for their proposal

Design functional and flexible housing plans

Demonstrate the design process using the visual language of 2D and 3D graphic communication tools and models to express their design decisions.

Design elevations that are coherent with the building's interior and its urban setting

Present visual, written and verbal explanations in English of their work at the specified appropriate standard, for every review and jury.

Recognize the relationship between topic, aim, and idea; the distinction between form and content; and inter-relations between theory and practice and the subsequent design and form.

LEARNING APPRAISAL SYSTEM

A. CONTINUOUS EVALUATION

This subject is based on continuous assessment. Periodically, there will also be work to be handed in related to course exercises. In order to pass the subject each academic year, it will be mandatory to hand in the exercises on time. The exercises will be graded from 0 to 10 and general corrections will be made on a regular basis. During the course, the assigned work and presentations of the project exercises will be evaluated, the weighting will be carried out giving priority to the evolution of the course. Moreover, the following should also be taken into account:

A.1. CRITERIA FOR PASSING The student will pass a given academic year if: - They attend at least 80% of the classes. - They hand in all the course exercises at the established dates and times. If any piece of work is not completed, it will be given a grade of 0 and this mark will be included in the calculation of the average. A piece of work is considered correctly delivered when it meets all the format (paper and digital) requirements required by the lecturer. All exercises will be delivered by hand or digitally during the corresponding task performed on the VIRTUAL CLASSROOM, depending on the nature of the assigned task. Suspended practices can be compensated with others that are passes, as it is the average mark which is important.

A.2. QUALIFICATION CRITERIA AND WORK IMPROVEMENT Any improvements can be made by PRESENTING, CORRECTING AND ATTENDING OTHER CORRECTIONS during the practice work, by means of classes and tutorials. Any comment or observation made in class about a student's work will affect the others. Therefore, it will not be necessary to repeat to each student what should be improved if these improvements are repeatedly exposed in the context of a public correction. If a student would like to provide an improvement for a suspended practice grade, it will be accepted but assessed as past the deadline.

B. EVALUATION OF EXAMINATION SITTINGS

B.1. EVALUATION OF END-OF-COURSE EXAMINATION SITTINGS Following the indications established in the Report for the Verification of the Degree in Architecture, students who do not pass the course but present the exercises and attend the classes (at least 80%) may opt to sit the final exam. The final grade will be the average of the exercises that have been delivered during the course or in the exam. The exam will consist of the delivery (digital) of the outstanding or revised exercises at the beginning of the exam time. The students who decide to sit the final exam will have only one tutorship after the final course deadline. The students who have not attended the course or have not done all the exercises before the end of the classes will not opt to sit the exam

B.2. EVALUATION OF EXAMINATION RE-SITTINGS (EXTRAORDINARY EXAM) Following the indications established in the Report for the Verification of the Degree in Architecture, students who do not pass the course and fail de end-of-course examination may opt to sit a subsequent or extraordinary exam. The final grade will be the average of the exercises that have been delivered during the course or in the exam. The exam will consist of the delivery (digital) of the outstanding or revised exercises. The students who decide to sit the extraordinary exam will have only one tutorship after the final exam. The students who have not attended the course or have not done all the exercises before the end of the classes will not opt to sit the extraordinary exam.

Plagiarism, as well as the use of illegitimate means in the evaluation tests, will be sanctioned in accordance with the provisions of the Evaluation Regulations and the University's Coexistence Regulations.

BIBLIOGRAPHY AND OTHER RESOURCES

Basic

BACHELARD, GASTON Poética del Espacio
México: Fondo de Cultura Económica, 1975

FRAMPTON, KENNETH Modern Architecture: A Critical History
Thames and Hudson, London, 1992.

GINZBURG, MOISEI Escritos, 1923-1930
El Croquis, Madrid, 2009.

KOOLHAAS, REM La ciudad genérica
Gustavo Gili, Barcelona, 2007

MONTEYS, XAVIER Casa Collage
Gustavo Gili, Barcelona 2014

ZUMTHOR, PETER Pensar la arquitectura
Gustavo Gili, Barcelona, 2010.

BARRAGÁN, LUIS Discurso de aceptación del Premio Pritzker

MORENCOS, JULIO Ruidos de la Casa Gordillo
Ediciones Actar. Barcelona, 1997

Additional

MONTEYS, XAVIER. La habitación
Gustavo Gili, Barcelona 2021

MONTEYS, XAVIER La casa como jardín
Gustavo Gili, 2021

MONTANER, JOSEP MARÍA. Sistemas arquitectónicos contemporáneos
Gustavo Gili, Barcelona, 2008.

MC HARG, IAN Proyectar con la naturaleza
Gustavo Gili, Barcelona, 1969.

KOOLHAAS, REM Small, medium, large, extra-large
The Monacelli Press, Nueva York, 1996.